Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

|                                      | Record Code: P11                          |  |                  | Release Date: 5/22/2025       |   |   |  |  |
|--------------------------------------|---|--|------------------|-------------------------------|---|---|--|--|
| Insurance Plan Code                  | 01 Yield Protection                       | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protection   | on with Harvest Price Exclusion  |  |
| <u>Commodity Code</u>                | 0011 Wheat<br>0015 Canola<br>0018 Rice    | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |   | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |  |
|                                      | Calculations                              | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u>   | Rules  |  |
| Section 1: Liability Calcula         | ation                                     |  |                  |                               |   |   |  |  |
|                                      |   | Premium Guarantee Per Acre<br>Amount     | Internal         |                               | 999999999.99  | If Unit of Measure equals Pounds "LBS", then round to whole number.  If Unit of Measure equals Tons "TONS", then round to 2 decimals.  Otherwise, round to 1 decimal. | Common Crop Insurance Policy definition 'production guarantee (per acre)'.  Premium Guarantee Per Acre Amount should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).   |  |
| Premium Guarantee Per<br>Acre Amount | = Approved Yield * Coverage Level Percent | Approved Yield                           | P11              | 42                            | 99999999.99   | None  | For APH Trend Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield.  For skip row commodities, the approved yield is the converted approved yield from the P1 record with skip row (yield conversion factor applied. |  |
|                                      |   | Coverage Level Percent                   | P14              | 34                            | 9.9999  | None  | For APH Trend, Quality Loss, and Yield Exclusion the Coverage Level Percent in this section is ALWAYS the chosen coverage leve and NOT the Effective Coverage Level.   |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection                    | 02 Revenue Protection                    | 02 Revenue Protection |       |   | 03 Revenue Protection with Harvest Price Exclusion |   |  |
|---------------------|--|--|-----------------------|-------|---|--|---|--|
| Commodity Code      | 0011 Wheat<br>0015 Canola<br>0018 Rice | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                       |       | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |  | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |  |
|                     |  | <u>Field</u>                             | Record                | Field | <u>Field</u>  | <u>Field</u>                                       |   |  |

|                              |  | <u>Field</u>                | Record        | <u>Field</u>  | <u>Field</u>  | <u>Field</u>  |  |
|------------------------------|--|-----------------------------|---------------|---------------|---------------|---|--|
|                              | <u>Calculations</u>  | <u>Name</u>                 | <u>Number</u> | <u>Number</u> | <u>Format</u> | Rounding  | <u>Rules</u>   |
| Guarantee Per Acre<br>Amount | Adjustifient ractor  | Guarantee Per Acre Amount   | Internal      |               | 999999999.99  | If Unit of Measure equals Pounds "LBS", then round to whole number.  If Unit of Measure equals Tons "TONS", then round to 2 decimals.  Otherwise, round to 1 decimals.  | Guarantee Per Acre Amount should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types). |
|                              |  | Guarantee Adjustment Factor | P11           | 69            | 0.999         | None  | Edit with the Guarantee Adjustment ICE, "D00068" or ADM Guarantee Adjustment, "A01220" for Preventing Planting.                  |
| Price Election Amount        | = Projected Price (or Contract Price) * Price Election Percent | Price Election Amount       | Internal      |               | 9999.9999     | When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99]. If result is based on Contract Price round to nearest one hundredth cent (\$9.9999). |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection | 02 Revenue Protection | 03 Revenue Protec  | tion with Harvest Price Exclusion |
|---------------------|---------------------|-----------------------|--------------------|-----------------------------------|
|                     | 0011 Wheat          | 0021 Cotton           | 0047 Dry Beans     | 0075 Peanuts                      |
| Commodity Code      | 0015 Canola         | 0041 Corn             | 0051 Grain Sorghum | 0078 Sunflowers                   |
|                     | 0018 Rice           | 0043 Popcorn          | 0067 Dry Peas      | 0081 Soybeans                     |
|                     |                     |                       |                    | 0091 Barley                       |

| 0091 Barley  |                                      |                  |                        |                        |  |   |
|--|--------------------------------------|------------------|------------------------|------------------------|--|---|
| <u>Calculations</u>  | <u>Field</u><br>Name                 | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br>Format | Field<br>Rounding  | Rules   |
| Price Election Amount (continued) = Projected Price (or Contract Price) * Price Election Percent | Price Election Amount<br>(continued) | Internal         | rumper                 | 9999.9999              | When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one- tenth cent [\$9.999]. If result is based on Contract Price round to nearest one hundredth cent (\$9.9999).  When Commodity Code equals Popcorn, "0043", Dry Beans, "0047", or Dry Peas, "0067" round to nearest one- hundredth cent [\$9.9999]. |   |
|  | Projected Price                      | ADM              |                        | 99999.9999             |  | Liability for Yield Protection, "01" allows the producer the opportunity to choose a percentage of the Projected Price. Liability for Revenue Protection, "02", or Revenue Protection with Harvest Price Exclusion, "03", requires the producer to choose 100 percent of the Projected Price. Edit with ADM Price, "00810". |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

|                                      | Record Cod   | Necolu Code. FII                         |                  |                 |   |  |   |  |
|--------------------------------------|--|--|------------------|-----------------|---|--|---|--|
| Insurance Plan Code                  | 01 Yield Protection  | 02 Revenue Protection                    |                  |                 |   | 03 Revenue Protection with Harvest Price Exclusion |   |  |
| Commodity Code                       | 0011 Wheat<br>0015 Canola<br>0018 Rice                       | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                 | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |  | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |  |
|                                      | <u>Calculations</u>  | <u>Field</u><br><u>Name</u>              | Record<br>Number | Field<br>Number | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u>                    | Rules   |  |
| Price Election Amount<br>(continued) | = Projected Price (or Contract Price) * Price Election Perce | nt Contract Price                        | P11              | 46              | 9999.9999   | None   | For Yield Protection, "01", Contract Price may be used in lieu of the Projected Price for Dry Beans, Dry Peas, specialty types of Canola, Corn, Soybean or Barley. For Revenue Protection, "02", or Revenue Protection with Harvest Price Exclusion, "03", Contract Price may be used in lieu of the Projected Price for Dry Beans, Dry Peas, or specialty types of Canola, Corn or Soybeans. If the insured chooses to use the contract price, the contract price per bushel should be entered in the contract price field. The contracted price will be capped by RMA at a certain percentage over the projected price for Canola, Corn, Soybean and Barley as specified in the Special Provisions. |  |
|                                      |  | Price Election Percent                   | ICE              |                 | 9.9999  | None   | Price Election Percent must equal 1.000, whe Insurance Plan Code is Revenue Protection, "02", or Revenue Protection with Harvest Price Exclusion, "03". Edit with ICE Price Election Percent, "D00007".   |  |
| Premium Total                        | _ Premium Guarantee Per Acre Amount * Price Election         | Premium Total Guarantee<br>Amount        | Internal         |                 | 999999999999  | Round to 2 decimals.                               |   |  |
|                                      | = Amount * Reported Acreage                                  | Price Election Amount                    | Internal         |                 | 9999.9999   | None   | Reported Acreage must equal the sum of all  |  |

P11

48

99999999.99

None

Reported Acreage must equal the sum of all

Land, P27, Reported Acreage.

Reported Acreage

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2022 Version: Draft

|   | Record Code  | e: 5/22/2025                             |   |                               |   |                                 |   |
|---|--|--|---|-------------------------------|---|---------------------------------|---|
| Insurance Plan Code   | 01 Yield Protection  | 02 Revenue Protection                    |   |                               |   | 03 Revenue Protectio            | n with Harvest Price Exclusion  |
| Commodity Code  | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                               | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |                                 |   |
|   | Calculations   | <u>Field</u><br><u>Name</u>              | Record<br>Number                                      | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                                   | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>  |
|   |  | Total Guarantee Amount                   | P11   | 103                           | 99999999.99   | Round to 2 decimals.            |   |
| Total Guarantee Amount  | Guarantee Per Acre Amount * Price Election Amount * Reported Acreage   | Price Election Amount                    | Internal  |                               | 9999.9999   | None                            |   |
|   |  | Reported Acreage                         | P11   | 48                            | 999999.99   | None                            | Reported Acreage must equal the sum of a Land, P27, Reported Acreage. |
| Premium Liability   | Premium Total Guarantee Amount * Insured Share Percent   | Premium Liability Amount                 | Internal  |                               | 999999999   | Round to whole number.          |   |
| Amount  | reitent  | Insured Share Percent                    | P11   | 43                            | 9.9999  | None                            |   |
| Liability Amount = Total Guarantee Amount * Insured Share Percent |  | Liability Amount                         | P11   | 94                            | 999999999   | Round to whole number.          |   |
| Liazine, runoane  |  | Insured Share Percent                    | P11   | 43                            | 9.9999  | None                            |   |
| ction 2: Unit Discount Ca   | alculation   |  |   |                               |   |                                 | The appropriate discount factor should be looked up and applied.      |
| nen commodities are se  | tup in the unit discount table for lookups based solely on   | acres.                                   |   |                               |   |                                 |   |
| =   | When the Unit Structure Code is Optional Unit, "OU", "UA", "UD", Basic Unit, "BU", or Enterprise Unit, "EU": | Revenue Lookup Adjustment<br>Factor      | Internal  |                               | 9.9999999   | None                            |   |
| Revenue Lookup  | Unit Structure Discount Factor   |  |   |                               |   |                                 |   |
| Adjustment Factor   | When the Unit Structure Code is Whole Farm Unit<br>"WU":   | Unit Structure Discount                  | Internal  |                               | 9.9999999   | None                            | Capped at 1.0. From below for Unit Structures "OU, UA, U              |
|   | Unit Structure Discount Factor for Enterprise Unit "EU"  |  |   |                               |   |                                 | BU, EU".  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

Unit Structure Discount

Factor

When the Unit Structure Code is Enterprise Unit, "EU":

**Enterprise Unit Discount Factor** 

Reinsurance Year: 2022

9.999

None

Version: Draft
Release Date: 5/22/2025

Edit with ADM Unit Discount, "A01090".

Enterprise Units will now mandate that all insured acreage for a commodity will be

included in the Enterprise Unit. This includes

Enterprise Unit Discount Factor is contingent

upon the sum of the reported acres which

were not prevented from planting for all applicable units being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Unit Discount, "A01090". Unit is not eligible as an enterprise unit if summed planted acres are less than 20 acres or 20% of

insured crop acreage.

both fall and spring planted acreage.

| Insurance Plan Code | 01 Yield Protection  | 02 Revenue Protection 03 Rev      |               |                |                    | 03 Revenue Protectio | Revenue Protection with Harvest Price Exclusion                                |  |  |
|---------------------|--|-----------------------------------|---------------|----------------|--------------------|----------------------|--|--|--|
|                     | 0011 Wheat   | 0021 Cotton                       |               | 0047 Dry Beans |                    |                      | 0075 Peanuts   |  |  |
| Commodity Code      | 0015 Canola  | 0041 Corn                         |               |                | 0051 Grain Sorghum |                      | 0078 Sunflowers  |  |  |
|                     | 0018 Rice  | 0043 Popcorn                      | 0067 Dry Peas |                |                    |                      | 0081 Soybeans  |  |  |
|                     |  |                                   | 0091 B        |                |                    |                      | 0091 Barley  |  |  |
|                     |  | <u>Field</u>                      | Record        | <u>Field</u>   | <u>Field</u>       | <u>Field</u>         |  |  |  |
|                     | Calculations   | <u>Name</u>                       | <u>Number</u> | <u>Number</u>  | <u>Format</u>      | Rounding             | <u>Rules</u>   |  |  |
|                     | When the Unit Structure Code is Optional Unit, "OU", "UA", or "UD":          | Unit Structure Discount<br>Factor | Internal      |                | 9.9999999          | None                 | capped at 1.0.   |  |  |
|                     |  |                                   |               |                |                    |                      |  |  |  |
|                     | Optional Unit Discount Factor  | Optional Unit Discount Factor     | ADM           |                | 9.999              | None                 | Edit with ADM Unit Discount, "A01090".   |  |  |
|                     | Optional Unit Discount Factor  When Unit Structure Code is Basic Unit, "BU": |                                   |               |                |                    |                      | ,  |  |  |
|                     | ·  | Basic Unit Discount Factor        | ADM           |                |                    |                      | Edit with ADM Unit Discount, "A01090".  Edit with ADM Unit Discount, "A01090". |  |  |

ADM

Enterprise Unit Discount

Factor

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

|                                     | Record Name:<br>Record Code:   | _  | Version: Draft  Release Date: 5/22/2025  |  |           |   |   |  |
|-------------------------------------|--|--|--|--|-----------|---|---|--|
|                                     |  |  |  |  |           | . 3, 22, 2023   |   |  |
| Insurance Plan Code                 | 01 Yield Protection  | 02 Revenue Protection                    |  |  |           | 03 Revenue Protect  | tion with Harvest Price Exclusion   |  |
| Commodity Code                      | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas  |  |           | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |   |  |
|                                     | Calculations   | <u>Field</u><br><u>Name</u>              | Record         Field         Field         Field           Number         Number         Format         Rounding |  |           | Rules   |   |  |
| When commodities are set            | tup in the unit discount table for lookups based on acres <u>a</u>   | nd coverage levels.                      |  |  |           |   |   |  |
| ,                                   | When the Unit Structure Code is Optional Unit, "OU",  "UA", or "UD":   | Revenue Lookup Adjustment<br>Factor      | Internal   |  | 9.9999999 | None  |   |  |
|                                     | Unit Structure Discount Factor   | Unit Structure Discount<br>Factor        | Internal   |  | 9.9999999 | None  | Capped at 1.0. From below for Unit Structure "OU", "UA", or "UD".   |  |
| Revenue Lookup<br>Adjustment Factor | When Unit Structure Code is Basic Unit, "BU":  Basic Unit Discount Factor for <b>65%</b> Coverage Level  | Basic Unit Discount Factor               | ADM  |  | 9.999     | None  | Edit with ADM Unit Discount, "A01090" for 65% Coverage Level.  Basic Unit Discount Factor is contingent upon the sum of the reported acres which were not prevented from planting for the unit being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Unit Discount, "A01090" for 65% Coverage Level.                  |  |
| =                                   | When the Unit Structure Code is Enterprise Unit, "EU" or Whole Farm Unit "WU": = Enterprise Unit Discount Factor for <b>65%</b> Coverage Level | Enterprise Unit Discount<br>Factor       | ADM  |  | 9.999     | None  | Edit with ADM Unit Discount, "A01090" for 65% Coverage Level.  Enterprise Unit Discount Factor is contingent upon the sum of the reported acres which were not prevented from planting for all applicable units being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Unit Discount, "A01090" for 65% Coverage Level. |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection       | 02 Revenue Protection    | 03 Revenue Protection with Harvest Price Exclusion |                                 |  |
|---------------------|---------------------------|--------------------------|--|---------------------------------|--|
| Commodity Code      | 0011 Wheat<br>0015 Canola | 0021 Cotton<br>0041 Corn | 0047 Dry Beans<br>0051 Grain Sorghum               | 0075 Peanuts<br>0078 Sunflowers |  |
|                     | 0018 Rice                 | 0043 Popcorn             | 0067 Dry Peas                                      | 0081 Soybeans<br>0091 Barley    |  |
|                     |                           |                          |  |                                 |  |

|                                   | Calculations  | <u>Field</u><br>Name              | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br>Format | <u>Field</u><br>Rounding | Rules  |
|-----------------------------------|---|-----------------------------------|------------------|------------------------|------------------------|--------------------------|--|
| -                                 |   | Unit Structure Discount<br>Factor | Internal         |                        | 9.9999999              | None                     | Capped at 1.0. See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss).  |
|                                   |   | Optional Unit Discount Factor     | ADM              |                        | 9.999                  | None                     | Edit with ADM Unit Discount, "A01090". See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), "QL" (Quality Loss).  |
| Unit Structure Discount<br>Factor | When Unit Structure Code is Basic Unit, "BU":  Basic Unit Discount Factor | Basic Unit Discount Factor        | ADM              |                        | 9.999                  | None                     | Edit with ADM Unit Discount, "A01090" by Coverage Level.  Basic Unit Discount Factor is contingent upon the sum of the reported acres which were not prevented from planting for the unit being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Unit Discount, "A01090" for Coverage Level.  See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss Option). |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection | 02 Revenue Protection |                    |       |                 |  |
|---------------------|---------------------|-----------------------|--------------------|-------|-----------------|--|
|                     | 0011 Wheat          | 0021 Cotton           | 0047 Dry Beans     |       | 0075 Peanuts    |  |
| Commodity Code      | 0015 Canola         | 0041 Corn             | 0051 Grain Sorghu  | m     | 0078 Sunflowers |  |
|                     | 0018 Rice           | 0043 Popcorn          | 0067 Dry Peas      |       | 0081 Soybeans   |  |
|                     |                     |                       |                    |       | 0091 Barley     |  |
|                     |                     | Eiold                 | Pocord Field Field | Field |                 |  |

| Calculations                     | <u>Field</u><br>Name            | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br>Format | <u>Field</u><br>Rounding | Rules   |
|----------------------------------|---------------------------------|------------------|------------------------|------------------------|--------------------------|---|
| Unit Structure Discount Factor = | Enterprise Unit Discount Factor | ADM              | Number                 | 9.999                  | None                     | Edit with ADM Unit Discount, "A01090" by Coverage Level.  Enterprise Units will now mandate that all insured acreage for a commodity will be included in the Enterprise Unit. This includes both fall and spring planted acreage.  Enterprise Unit Discount Factor is contingent upon the sum of the reported acres which were not prevented from planting for all applicable units being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Unit Discount, "A01090" for Coverage Level. Unit is not eligible as an enterprise unit if summed planted acres are less than 20 acres or 20% of insured crop acreage.  See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss). |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

|  | Record Co  | ис. г11                             |               |              | Release Date               | . 3/22/2023              |  |
|--|--|-------------------------------------|---------------|--------------|----------------------------|--------------------------|--|
|  |  |                                     |               |              |                            |                          |  |
| Insurance Plan Code                                  | 01 Yield Protection  | 02 Revenue Protection               |               |              |                            | 03 Revenue Protectio     | n with Harvest Price Exclusion   |
|  | 0011 Wheat   | 0021 Cotton                         |               |              | 0047 Dry Beans             |                          | 0075 Peanuts   |
| Commodity Code                                       | 0015 Canola  | 0041 Corn                           |               |              | 0051 Grain Sorghum         |                          | 0078 Sunflowers  |
|  | 0018 Rice  | 0043 Popcorn                        |               |              | 0067 Dry Peas              |                          | 0081 Soybeans  |
|  |  |                                     |               |              |                            |                          | 0091 Barley  |
|  |  | <u>Field</u>                        | Record        | <u>Field</u> | <u>Field</u>               | <u>Field</u>             |  |
|  | <u>Calculations</u>  | <u>Name</u>                         | <u>Number</u> | Number       | <u>Format</u>              | Rounding                 | <u>Rules</u>   |
| ection 3: Base Premium                               | Rate Calculation   |                                     |               |              |                            |                          | If Written Agreement is applicable make the necessary changes as provided by the agreement and ROE ADM.  |
|  |  | Current Year Yield Ratio            | Internal      |              | 9.9999                     | Round to 2 decimals.     | Cup at 0.50 and Cap at 1.50.   |
| Current Year Yield Ratio                             | = Rate Yield / Reference Amount  | Rate Yield                          | P15           | 35           | 99999999.99                | None                     | For skip row commodities, the rate yield is to<br>converted rate yield from the P15 record with<br>skip row (yield conversion factor) applied. |
|  |  | Reference Yield                     | ADM           |              | 99999.99                   | None                     | Edit with ADM Base Rate, "A01010".   |
| Vhen previous year yield<br>ype Code equals Spring ( | limitation code = '03', Insurance Option Code List conta<br>Contract "98": | ains Yield Cup (YC), and Commodit   | y Code Dry    | Beans "0     | 047" and Type Code equa    | lls Contract "62", or Co | mmodity Code equals Dry Peas "0067" and  |
|  |  | Prior Year Yield Ratio              | Internal      |              | 9999999.99                 | Round to 2 decimals.     |  |
|  | Round(Approved Yield * Contract Price,0) / Prior Year                      | Approved Yield                      | P11           | 42           | 99999999.99                | None                     |  |
| Prior Year Yield Ratio                               | = Reference Amount   | Contract Price                      | P11           | 46           | 9999.9999                  | None                     |  |
|  |  | Prior year Reference Amount         | ADM           |              | 99999.99                   | None                     | Edit with ADM Base Rate, "A01010".   |
| /hen previous year yield                             | limitation code = '03' and Insurance Option Code List o                    | ontains Yield Cup (YC) and the afor | emention      | ed commo     | odities/types are not appl | icable:                  |  |
|  |  | Prior Year Yield Ration             | Internal      |              | 9.9999                     | Round to 2 decimals.     | Cup at 0.50 and Cap at 1.50.   |
| Prior Year Yield Ratio                               | = Approved Yield / Prior Year Reference Amount                             | Approved Yield                      | P11           | 42           | 99999999.99                | None                     | For skip row commodities, the rate yield is converted rate yield from the P15 record w skip row (yield conversion factor) applied.             |
|  |  | Prior Year Reference Amount         | ADM           |              | 99999.99                   | None                     | Edit with ADM Base Rate, "A01010".   |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

|                            | Record Cod   | de: P11                                  |                  |                               | Release Date  | : 5/22/2025   |  |
|----------------------------|--|--|------------------|-------------------------------|---|---|--|
| Insurance Plan Code        | 01 Yield Protection                                  | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protectio  | on with Harvest Price Exclusion  |
| Commodity Code             | 0011 Wheat<br>0015 Canola<br>0018 Rice               | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |  |
|                            | Calculations   | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u>                                 | Rules  |
| Otherwise:                 |  |  |                  |                               |   |   |  |
|                            |  | Prior Year Yield Ratio                   | Internal         |                               | 9.9999  | Round to 2 decimals.  | Cup at 0.50 and Cap at 1.50.   |
| Prior Year Yield Ratio     | = Rate Yield / Prior Year Reference Amount           | Rate Yield                               | P15              | 35                            | 99999999.99   | None  | For skip row commodities, the rate yield is th converted rate yield from the P15 record with skip row (yield conversion factor) applied. |
|                            |  | Prior Year Reference Amount              | ADM              |                               | 99999.99  | None  | Edit with ADM Base Rate, "A01010".   |
| Current Year Rate          | = Current Year Yield Ratio ^ Exponent Value          | Current Year Rate Multiplier             | Internal         |                               | 9999.99999999   | Round to 8 decimals.  |  |
| Multiplier                 |  | Exponent Value                           | ADM              |                               | S99.999   | None  | Edit with ADM Base Rate, "A01010".   |
| Prior Year Rate Multiplier | = Prior Year Yield Ratio ^ Prior Year Exponent Value | Prior Year Rate Multiplier               | Internal         |                               | 9999.9999999  | Round to 8 decimals.  |  |
| •                          | ·  | Prior Year Exponent Value                | ADM              |                               | \$99.999  | None  | Edit with ADM Base Rate, "A01010".   |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code         | 01 Yield Protection   | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protectio  | n with Harvest Price Exclusion           |
|-----------------------------|---|--|------------------|-------------------------------|---|---|--|
| <u>Commodity Code</u>       | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |  |
|                             | Calculations  | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u>                                 | Rules                                    |
|                             | When Rate Method Code is Fixed, "F":  | Current Year Base Rate                   | Internal         |                               | 9999999999999999                                      | Round to 8 decimals.  |  |
| =                           | Sub County Rate   | Sub County Rate                          | ADM              |                               | 99.9999   | None  | Edit with ADM Sub County Rate, "A01050". |
| =<br>Current Year Base Rate | When Rate Method Code is Additive, "A":  Sub County Rate + (Current Year Rate Multiplier * Reference Rate + Fixed Rate)                           | Current Year Rate Multiplier             | Internal         |                               | 9999.9999999  | None  |  |
| -                           | When Rate Method Code is Multiplicative, "M":  Sub County Rate * (Current Year Rate Multiplier * Reference Rate + Fixed Rate)                     | Reference Rate                           | ADM              |                               | 9.9999  | None  | Edit with ADM Base Rate, "A01010".       |
| =                           | Otherwise:  Current Year Rate Multiplier * Reference Rate + Fixed rate  | Fixed Rate                               | ADM              |                               | 9.9999  | None  | Edit with ADM Base Rate, "A01010".       |
|                             | When Rate Method Code is Fixed, "F":  | Prior Year Base Rate                     | Internal         |                               | 9999999999999999                                      | Round to 8 decimals.  |  |
| =                           | Sub County Rate   | Sub County Rate                          | ADM              |                               | 99.9999   | None  | Edit with ADM Sub County Rate, "A01050". |
| =<br>Prior Year Base Rate   | When Rate Method Code is Additive, "A":  Sub County Rate + (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate)       | Prior Year Rate Multiplier               | Internal         |                               | 9999.9999999  | None  |  |
| =                           | When Rate Method Code is Multiplicative, "M":  Sub County Rate * (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate) | Prior Year Reference Rate                | ADM              |                               | 9.9999  | None  | Edit with ADM Base Rate, "A01010".       |
| -                           | Otherwise:  Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed rate  | Prior Year Fixed Rate                    | ADM              |                               | 9.9999  | None  | Edit with ADM Base Rate, "A01010".       |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

|  | Record Code.  | 1 4 4                                    |   |         | Release Date     | . 3/22/2023  |  |
|--|---|--|---|---------|------------------|--|--|
| Insurance Plan Code                                      | 01 Yield Protection   | 02 Revenue Protection                    |   |         |                  | 03 Revenue Protectio   | n with Harvest Price Exclusion   |
| Commodity Code   | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |         |                  | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans   |  |
|  |   | Field                                    | Record  | Field   | Field            | Field  | 0091 Barley  |
|  | Calculations  | <u>Name</u>                              | Number  |         | <u>Format</u>    | Rounding   | Rules  |
|  |   | Current Year Base Premium<br>Rate        | Internal  |         | 9999999999999999 | Round to 8 decimals.   | If Option Code "QL", "YE" or "TA" is applica<br>and the effective coverage level exceeds th<br>highest coverage level for the offer in the<br>ADM, see Section 23 for the Current Year B<br>Premium Rate calculation.          |
|  | When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":  Round(Current Year Base Rate * Rate Differential Factor * | Rate Differential Factor                 | ADM   |         | 9.99999999       | None   | Edit with ADM Coverage Level Differential "A01040". See Section 17 for Option Code "TA" (Tren Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss).  |
| Unit Residual Factor, 8)  Current Year Base Premium Rate | Unit Residual Factor  | ADM                                      |   | 999.999 | None             | Edit with ADM Coverage Level Differentia "A01040". See Section 18 for Option Code "TA" (Trer Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Structure Code equal to Optional Unit, "O "UA", "UD", or Basic Unit, 'BU'. |  |
|  | When Unit Structure code is Enterprise Unit, "EU":  Round(Current Year Base Rate * Rate Differential Factor * Enterprise Unit Residual Factor, 8)     | Enterprise Unit Residual<br>Factor       | ADM   |         | 9.999            |  | Edit with ADM Coverage Level Differentia "A01040". See Section 18 for Option Code "TA" (Tren Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Structure Code equal to Enterprise Unit, 'E  |
|  | When Unit Structure code is Whole Farm Unit, "WU":  Round(Current Year Base Rate * Rate Differential Factor * Whole Farm Unit Residual Factor, 8)     | Whole Farm Unit Residual<br>Factor       | ADM   |         | 9.999            | None   | Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Ustructure Code equal to Whole Farm Unit, |

Exhibit Number: P11-1, Plan 01, 02, 03

|                                 | Record Name<br>Record Code  | Version: Draft Release Date: 5/22/2025        |                       |                 |                               |                          |   |  |
|---------------------------------|---|---|-----------------------|-----------------|-------------------------------|--------------------------|---|--|
| Insurance Plan Code             | 01 Yield Protection   | 02 Revenue Protection                         | 02 Revenue Protection |                 |                               |                          | on with Harvest Price Exclusion                                 |  |
| Commodity Code                  | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 15 Canola 0041 Corn                           |                       |                 |                               |                          | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |  |
|                                 | Calculations  | <u>Field</u><br><u>Name</u>                   | Record<br>Number      | Field<br>Number | <u>Field</u><br><u>Format</u> | <u>Field</u><br>Rounding | Rules   |  |
| When previous year yield        | l limitation code = '03' and Insurance Option Code List con   | tains Yield Cup (YC):                         | •                     | •               |                               |                          |   |  |
|                                 | When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":  | Prior Year Base Premium<br>Rate               | Internal              |                 | 9999999999999999              | Round to 8 decimals.     |   |  |
|                                 | OU , UA , UD , OF BASIC UNIT, BU :  | Prior Year Rate Differential Factor           | ADM                   |                 | 9.99999999                    | None                     | Edit with ADM Coverage Level Differential, "A01040."            |  |
|                                 | Round(Prior Year Base Rate * 1.05 * Prior Year Rate Differential Factor * Prior Year Unit Residual Factor, 8)   | Prior Year Unit Residual<br>Factor            | ADM                   |                 | 999.999                       | None                     | Edit with ADM Coverage Level Differential, "A01040."            |  |
| Prior Year Base Premium<br>Rate | =   | Prior Year Enterprise Unit<br>Residual Factor | ADM                   |                 | 9.999                         | None                     | Edit with ADM Coverage Level Differential, "A01040".            |  |
|                                 | When Unit Structure code is Whole Farm Unit, 'WU':  Round(Prior Year Base Rate * 1.05 * Prior Year Rate  Differential Factor * Prior Year Whole Farm Unit Residua  Factor, 8) | Prior Year Whole Farm Unit<br>Residual Factor | ADM                   |                 | 9.999                         | None                     | Edit with ADM Coverage Level Differential, "A01040."            |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

Insurance Plan Code 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0018 Rice 0091 Barley

|                         |   | <u>Field</u>                                  | Record        | <u>Field</u>  | <u>Field</u>      | <u>Field</u>         |   |
|-------------------------|---|---|---------------|---------------|-------------------|----------------------|---|
|                         | <u>Calculations</u>   | <u>Name</u>                                   | <u>Number</u> | <u>Number</u> | <u>Format</u>     | <u>Rounding</u>      | <u>Rules</u>  |
| Otherwise:              |   |   |               |               |                   |                      |   |
|                         |   | Prior Year Base Premium<br>Rate               | Internal      |               | 999999999.9999999 | Round to 8 decimals. |   |
| _                       | Round(Prior Year Base Rate * Prior Year Rate Differential Factor * Prior Year Unit Residual Factor, 8)  | Prior Year Rate Differential<br>Factor        | ADM           |               | 9.99999999        | None                 | Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss).   |
| Prior Year Base Premium |   | Prior Year Unit Residual<br>Factor            | ADM           |               | 999.999           | None                 | Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), "QL" (Quality Loss) where Unit Structure Code equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU". |
| Rate<br>=               | When Unit Structure code is Enterprise Unit, "EU":  Round(Prior Year Base Rate * Prior Year Rate Differential Factor * Prior Year Enterprise Unit Residual Factor, 8) | Prior Year Enterprise Unit<br>Residual Factor | ADM           |               | 9.999             | None                 | Edit with ADM Coverage Level Differential, "A01040".  See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Unit Structure Code equal to Enterprise Unit, 'EU'.                           |
|                         | When Unit Structure code is Whole Farm Unit, 'WU':  Round(Prior Year Base Rate * Prior Year Rate Differential Factor * Prior Year Whole Farm Unit Residual Factor, 8) | Prior Year Whole Farm Unit<br>Residual Factor | ADM           |               | 9.999             | None                 | Edit with ADM Coverage Level Differential, "A01040".  See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Unit Structure Code equal to Whole Farm Unit, 'WU'.                           |
| Base Premium Rate =     | MIN (Current Year Base Premium Rate, Prior Year Base Premium Rate * 1.2, .999)  | Base Premium Rate                             | P11           | 97            | 9999999999999999  | Round to 8 decimals. |   |
| Revenue Lookup Rate =   | MIN(Current Year Base Rate, Prior Year Base Rate * 1.2, 0.9999)   | Revenue Lookup Rate                           | Internal      |               | 9999999999.9999   | Round to 4 decimals. |   |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

Section 5: Revenue Coverage Add on Rates (Applicable only for Plans 02 and 03)

Reinsurance Year: 2022

Version: Draft
Release Date: 5/22/2025

MUST occur at some point in order to circumvent the Calculation of Preliminary Revenue Protection Add on Rate and Preliminary Revenue Protection with Harvest Price Exclusion Add on Rate, which contains a constraint that the add on rate be at least 1% greater than the base Premium Rate.

|  | Record Co                                     | uc. 111   |                  |                               |   | - 3/22/2023  |   |
|--|---|---|------------------|-------------------------------|---|--|---|
|  |   |   |                  |                               |   |  |   |
| Insurance Plan Code  | 01 Yield Protection                           | 02 Revenue Protection                             |                  |                               |   | 03 Revenue Protectio   | n with Harvest Price Exclusion  |
| Commodity Code   | 0011 Wheat<br>0015 Canola<br>0018 Rice        | 0021 Cotton<br>0041 Corn<br>0043 Popcorn          |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |  | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|  | Calculations                                  | <u>Field</u><br><u>Name</u>                       | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u>  | <u>Rules</u>  |
| ection 4: Optional Covera  | ge (Additive "A" and Multiplicative "M")      |   |                  |                               |   |  | If Option Rate Method Code equal "T' (Total Premium Rate Adjustment) see Section 9.   |
|  |   | Additive Optional Rate Adjustment Factor          | Internal         |                               | 999999.9999   | Round to 4 decimals.   |   |
| Additive Optional Rate   | When Rate Method Code is Additive, "A":       | Option Rate                                       | ADM              |                               | 99999.9999  | None   | Option Rate will be the Sum of all Option Ra with Rate Method Code equal to Additive, ". Edit with ADM Option Rate, "A01060".   |
| Adjustment Factor = \( \sum_{\text{Option Rate * Rate Differential Factor}} \) | Rate Differential Factor                      | ADM   |                  | 9.99999999                    |   | Edit with ADM Coverage Level Differential, "A01040".  See Section 17 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion). |   |
| Multiplicative Optional  | When Rate Method Code is Multiplicative, "M": | Multiplicative Optional Rate<br>Adjustment Factor | Internal         |                               | 999999.9999   | Round to 4 decimals.   |   |
| Rate Adjustment Factor   | ∑ Option Rate1 * Option Rate2 * Option Rate3  | Option Rate                                       | ADM              |                               | 9.9999  | None   | Edit with ADM Option Rate, "A01060".  |
|  |   |   |                  |                               |   |  | It is recommended that other than hard coding for specific type and practice codes which will eventually change when the ne key structure is adopted, that a condition put in place that will set the add on rate to when the Price Volatility is 0. This condition |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

|   | Record Cod  | le: P11   |                  |                               | <b>::</b> 5/22/2025                                   |  |   |
|---|---|---|------------------|-------------------------------|---|--|---|
| Insurance Plan Code   | 01 Yield Protection   | 02 Revenue Protection                             |                  |                               |   | 03 Revenue Protectio   | n with Harvest Price Exclusion  |
| Commodity Code  | 0011 Wheat<br>0015 Canola<br>0018 Rice                      | 0021 Cotton<br>0041 Corn<br>0043 Popcorn          |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |   |
|   | Calculations  | <u>Field</u><br><u>Name</u>                       | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u>  | <u>Rules</u>  |
|   |   | Lookup Rate                                       | Internal         |                               | 9999999999.9999                                       | Round to 4 decimals.   |   |
| Lookup Rate   | = Revenue Lookup Rate * Revenue Lookup Adjustment<br>Factor | Revenue Lookup Rate                               | Internal         |                               | 9999999999.9999                                       | Round to 4 decimals.   | From Section 3.   |
|   |   | Revenue Lookup Adjustment<br>Factor               | Internal         |                               | 9.9999999   | None   | From Section 2.   |
|   |   | Adjusted Mean Quantity (AdjMean)                  | Internal         |                               | 999999.9999999  | Round to 8 decimals.   |   |
| Adjusted Mean Quantity = Approved Yield * Mean Quantity / 100 | Approved Yield (AY)   | P11   | 42               | 99999999.99                   | None  | For APH Trend, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield.  For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied. |   |
|   |   | Mean Quantity                                     | ADM              |                               | 999.999999999   | None   | Edit with ADM Combo Revenue Factor, "A01030".  Search the Combo Revenue Factor, "A01030' for the Mean Quantity using Lookup Rate.   |
|   |   | Adjusted Standard Deviation Quantity (AdjStndDev) | Internal         |                               | 999999999.99999999                                    | Round to 8 decimals.   |   |
| Adjusted Standard<br>Deviation Quantity                       | = Approved Yield * Standard Deviation Quantity / 100        | Approved Yield (AY)                               | P11              | 42                            | 9999999.99  | None   | For APH Trend, Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield.  For skip row cotton, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code                               | 01 Yield Protection                                      | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protection | n with Harvest Price Exclusion  |
|---|--|--|------------------|-------------------------------|---|-----------------------|---|
| Commodity Code                                    | 0011 Wheat<br>0015 Canola<br>0018 Rice                   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                       | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|   | <u>Calculations</u>                                      | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | Field<br>Rounding     | Rules   |
|   |  | Standard Deviation Quantity              | ADM              |                               | 999.99999999  | None                  | Edit with ADM Combo Revenue Factor, "A01030".  Search the Combo Revenue Factor "A01030" for the Standard Deviation Quantity using Lookup Rate.  |
|   |  | log Mean Quantity (LnMean)               | Internal         |                               | 999999.9999999  | Round to 8 decimals.  |   |
| LnMean  | _Ln(Projected Price or Contract Price) –                 | Projected Price                          | ADM              |                               | 99999.9999  |                       | Edit with ADM Price, "A00810".  |
| Envican   | (Price Volatility Factor) <sup>2</sup> /2                | Contract Price                           | P11              | 46                            | 9999.9999   | None                  | Contract price as addressed in Section 1, capped with Max Contract Price from ADM.  |
|   |  | Price Volatility Factor                  | ADM              |                               | 9.99  |                       | Edit with ADM Price, "A00810".  |
| Yield Draw<br>Quantity <sub>Sequence Number</sub> | For Sequence Number 1 to 500<br>=<br>Yield Draw Quantity | Yield Draw Quantity                      | ADM              |                               | S99.999999999   | None                  | Edit with ADM Beta, "A01020".  Use the Beta ID field from ADM Insurance Offer, "A00030" and the Beta "A01020" to obtain the applicable draws. There should b 500 draws (or sequence numbers) per Beta for every distinct Beta Id in the Insurance Of ADM, "A00030". |
| Price Draw<br>Quantit <sub>ySequence Number</sub> | For Sequence Number 1 to 500<br>=<br>Price Draw Quantity | Price Draw Quantity                      | ADM              |                               | S99.999999999   | None                  | Edit with ADM Beta, "A01020".  Use the Beta ID field from ADM Insurance Offer, "A00030" and the Beta "A01020" to obtain the applicable draws. There should be 500 draws (or sequence numbers) per Beta I for every distinct Beta Id in the Insurance Of ADM.        |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022

Version: Draft
Release Date: 5/22/2025

Insurance Plan Code 01 Yield Protection 03 Revenue Protection with Harvest Price Exclusion 02 Revenue Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans

| 0010 Nice   | 0043 T Opcom   |                  |                               | 0007 Dry reas                 |                                 | 0091 Barley  |  |
|---|--|------------------|-------------------------------|-------------------------------|---------------------------------|--|--|
| <u>Calculations</u>   | <u>Field</u><br><u>Name</u>                                    | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br><u>Rounding</u> | Rules  |  |
|   | Simulated Yield Protection<br>Losses Quantity<br>(SimYPLosses) | Internal         |                               | 99999999999999999999          | Round to 12 decimals.           |  |  |
| Simulated Yield $\Sigma$ Round(MAX(0, AY * covlvl - Round(MAX(0, Yieldi * Protection Losses = $i=1$ AdjStndDev + AdjMean),12)), 12) | Approved Yield (AY)  | P11              | 42                            | 99999999.99                   | None                            | For APH Trend, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield.  For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied. |  |
|   | Coverage Level Percent<br>(covlvl)                             | P14              | 34                            | 9.9999                        | None                            | For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss) and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), and "YE" (Yield Exclusion).                                       |  |
|   | Yield Draw Quantity <sub>i</sub> (Yield <sub>i</sub> )         | ADM              |                               | S99.99999999                  | None                            |  |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

Protection Losses =

Quantity

Volatility Factor + LnMean), 12)), 12)), 12) -

Volatility Factor + LnMean), 12)), 12))),12)

AdjMean),12) \*

(Round(MAX(0, Yieldi \* AdjStdDev +

Round(MIN(2 \* ProjPrice, Round(e<sup>(Price</sup> i \* Price

Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

record with skip row (yield conversion factor)

"YC" (Yield Cup), "QL" (Quality Loss), and "YE"

(Yield Exclusion) this will be Effective Coverage

Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).

Edit with ADM Price, "A00810". Contract Price

as addressed in Section 1.

For Option Code "TA" (Trend Adjustment),

applied.

| Insurance Plan Code | 01 Yield Protection  | 02 Revenue Protection   |                  |                               |   | 03 Revenue Protection           | on with Harvest Price Exclusion   |
|---------------------|--|---|------------------|-------------------------------|---|---------------------------------|---|
| Commodity Code      | 0011 Wheat<br>0015 Canola  | 0021 Cotton<br>0041 Corn  |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum    |                                 | 0075 Peanuts<br>0078 Sunflowers   |
|                     | 0018 Rice  | 0043 Popcorn  |                  |                               | 0067 Dry Peas                           |                                 | 0081 Soybeans<br>0091 Barley  |
|                     | Calculations   | <u>Field</u><br><u>Name</u>                                     | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>           | <u>Field</u><br><u>Rounding</u> | Rules   |
|                     |  | Simulated Revenue<br>Protection Losses<br>Quantity(SimRPLosses) | Internal         |                               | 999999999999999999999999999999999999999 | Round to 12 decimals.           |   |
| Simulated Revenue   | 500  \[ \sum_{\text{Round}} \text{Round}(\text{MAX}(0, \text{AY * covlvl * Round}(\text{MAX}(\text{ProjPrice}, \text{i=1} \text{Round}(\text{MIN}(2 * \text{ProjPrice}, \text{Round}(\text{e}^{(\text{Price}, * \text{Price}}) | Approved Yield (AY)   | P11              | 42                            | 99999999999                             | None                            | For APH Trend, Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield.  For skip row commodities, the approved yield is the converted approved yield from the P15 |

P14

ADM

ADM

34

9.9999

S99.99999999

99999.9999

None

None

None

Coverage Level Percent

Yield Draw Quantity, (Yield,)

Projected Priced or Contract

Price (ProjPrice)

(covlvl)

Approved Yield (AY)

Coverage Level Percent

Projected Priced or Contract

Price (ProjPrice)

(covlvl)

AdjStdDev + AdjMean),12) \* Round(MIN(2 \*

Round(e<sup>(price</sup> i \* Price Volatility Factor + LnMean)

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

Protection with Harvest = i=1

Quantity

ProjPrice,

12)),12))),12)

Price Exclusion Losses

Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

| Insurance Plan Code | 01 Yield Protection   | 02 Revenue Protection   |                  |                               |   | 03 Revenue Protection    | on with Harvest Price Exclusion  |
|---------------------|---|---|------------------|-------------------------------|---|--------------------------|--|
| Commodity Code      | 0011 Wheat<br>0015 Canola<br>0018 Rice                          | 0021 Cotton<br>0041 Corn<br>0043 Popcorn  |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                          | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |
|                     | <u>Calculations</u>   | <u>Field</u><br><u>Name</u>   | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br>Rounding | Rules  |
|                     |   | Simulated Revenue<br>Protection with Harvest Price<br>Exclusion Losses Quantity<br>(SimRPhpeLosses) | Internal         |                               | 999999999999999999999                                 | Round to 12 decimals.    |  |
| Simulated Revenue   | 500 $\sum$ Round(MAX(0, AY * covlvl * ProjPrice - (Round(MAX(0, |   |                  |                               |   |                          | For APH Trend, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield an the adjusted yield. |

P11

P14

ADM

42

34

99999999.99

9.9999

99999.9999

None

None

None

For skip row commodities, the approved yield

is the converted approved yield from the P15

record with skip row (yield conversion factor)

(Yield Exclusion) this will be Effective Coverage

Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).

Edit with ADM Price, "A00810". Contract Price

as addressed in Section 1.

For Option Code "TA" (Trend Adjustment),
"YC" (Yield Cup), "QL" (Quality Loss) and "YE"

applied.

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code  | 01 Yield Protection  | 02 Revenue Protection   |                |                        |                        | 03 Revenue Protectio | n with Harvest Price Exclusion  |
|--|--|---|----------------|------------------------|------------------------|----------------------|---|
|  |  |   | 0047.7         |                        |                        |                      |   |
| C  | 0011 Wheat   | 0021 Cotton   |                |                        | 0047 Dry Beans         |                      | 0075 Peanuts  |
| Commodity Code   | 0015 Canola  | 0041 Corn   |                |                        | 0051 Grain Sorghum     |                      | 0078 Sunflowers   |
|  | 0018 Rice  | 0043 Popcorn  |                |                        | 0067 Dry Peas          |                      | 0081 Soybeans   |
|  |  | Field   | Record         | Field                  | Field                  | Field                | 0091 Barley   |
|  | Calculations   | Name  | Number         | <u>Field</u><br>Number | <u>Field</u><br>Format | Rounding             | Rules   |
|  | <u>earearations</u>  | <u>ivanic</u>   | <u>itamber</u> | <u>itumber</u>         | <u> </u>               | <u>itourium</u>      | <u>raics</u>  |
| Simulated Yield<br>Protection Base Premium<br>Rate                               | = (Simulated Yield Protection Losses Quantity / 500) /<br>(Approved Yield * Coverage Level Percent)  | Simulated Yield Protection<br>Base Premium Rate                                   | Internal       |                        | 999999.9999999         | Round to 8 decimals. | For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE (Yield Exclusion) Effective Coverage Level Percent will replace Coverage Level Percent.   |
|  | (Simulated Revenue Protection Losses / 500) / (Approved = Yield * Coverage Level Percent * (Projected Price or Contract Price))  | Simulated Revenue<br>Protection Base Premium<br>Rate                              | Internal       |                        | 999999.9999999         | Round to 8 decimals. | For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) Effective Coverage Level Percent will replace Coverage Level Percent.  |
|  | (Simulated Revenue Protection with harvest Price  Exclusion Losses Quantity / 500) / (Approved Yield *  Coverage level Percent * (Projected Price or Contract  Price)) | Simulated Revenue<br>Protection with Harvest Price<br>Exclusion Base Premium Rate | Internal       |                        | 999999.9999999         | Round to 8 decimals. | For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) Effective Coverage Level Percent will replace Coverage Level Percent.  |
| Protection Premium Add   | MAX(Simulated Revenue Protection Base Premium Rate -<br>= Simulated Yield Protection Base Premium Rate, 0.01 *<br>Base Premium Rate)                                   | Preliminary Revenue<br>Protection Premium Add on<br>Rate                          | Internal       |                        | 999999.9999999         | Round to 8 decimals. | This is a control meant to ensure that the premium rate associated with Revenue Protection is at least 1% greater than the basi Base Premium Rate where the Price Volatility Factor is NOT EQUAL to 0.                        |
| Preliminary Revenue<br>Protection with Harvest<br>Price Exclusion Add on<br>Rate | MAX(Simulated Revenue Protection with Harvest Price<br>= Exclusion Base Premium Rate - Simulated Yield Protection<br>Base Premium Rate, -0.5 * Base Premium Rate)      | Preliminary Revenue<br>Protection with Harvest Price<br>Exclusion Add on Rate     | Internal       |                        | 999999.99999999        | Round to 8 decimals. | This is a control meant to ensure that the premium rate associated with Revenue Protection with Harvest Price Exclusion will not be less than half of the Base Premium Rat where the Price Volatility Factor is NOT EQUATO 0. |

Exhibit Number: P11-1, Plan 01, 02, 03

|                     | Record Na<br>Record Co  | me: Acreage<br>ode: P11                  |                |   | on: Draft<br>te: 5/22/2025   |  |
|---------------------|---|--|----------------|---|--|--|
| Insurance Plan Code | 01 Yield Protection   | 02 Revenue Protection                    |                |   | 03 Revenue Protection w  | vith Harvest Price Exclusion   |
| Commodity Code      | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn | Record   Field | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | 00<br>00   | 175 Peanuts<br>178 Sunflowers<br>181 Soybeans<br>191 Barley  |
|                     | Calculations  | <u>Name</u>                              | Number Number  |   | Rounding   | <u>Rules</u>   |
|                     | enue Capping (Applicable only for Plans 02 and 03)<br>ction will not apply if record has a Written Agreement. |  |                |   | Optional Unit Level Base 65 thru 85 where applica Base Premium Rate and capped Revenue Add Or only value that will chan Year. By doing this we at calculation method was capping over time.  If there is NOT a corresp. Capping ADM, "A01110" performed. Furthermore did not exist for Revenue not need to be performed well. If TA is applicable to Coverage Level Percent. | ation the 2010 Revenue Assurance Premium Rate for coverage level percent able. Then it is used in conjunction with th Revenue Add On Rates to compute In Rates. This table is set up such that the age from year to year is the Commodity re fixing a point where the premium changed and applying an exponential  conding row in the Historical Revenue then, then this calculation does not need to be e, since coverage level percents 50, 55, 60 e Assurance (RA) historically capping does ed for those coverage level percents as then this will be based on the TA Effective as See next statement. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection       | 02 Revenue Protection    |              |                                      | 03 Revenue Protectio | n with Harvest Price Exclusion  |
|---------------------|---------------------------|--------------------------|--------------|--------------------------------------|----------------------|---------------------------------|
| Commodity Code      | 0011 Wheat<br>0015 Canola | 0021 Cotton<br>0041 Corn |              | 0047 Dry Beans<br>0051 Grain Sorghum |                      | 0075 Peanuts<br>0078 Sunflowers |
|                     | 0018 Rice                 | 0043 Popcorn             |              | 0067 Dry Peas                        |                      | 0081 Soybeans                   |
|                     |                           | <u>Field</u>             | Record Field | Field                                | Field                | 0091 Barley                     |
|                     | Calculations              |                          | Number Numbe | <del></del>                          | Daundina             | Bules                           |

| <u>Calculations</u>  | <u>Field</u><br><u>Name</u>   | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br><u>Format</u> | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>  |
|--|-------------------------------|------------------|------------------------|-------------------------------|---------------------------------|---|
|  | Capping Yield Ratio           | Internal         |                        | 9.99                          | Round to 2 decimals.            | Cup at 0.50 and Cap at 1.50.  |
| Capping Yield Ratio = Rate Yield / Capping Reference Yield             | Rate Yield                    | P15              | 35                     | 99999999.99                   | None                            | For skip row commodities, the rate yield is the converted rate yield from the P15 record with skip row (yield conversion factor) applied. |
|  | Capping Reference Yield       | ADM              |                        | 99999.99                      | None                            | Edit with ADM Historical Revenue Capping, "A01110".   |
|  | Prior Capping Yield Ratio     | Internal         |                        | 9.99                          | Round to 2 decimals.            | Cup at 0.50 and Cap at 1.50.  |
| Prior Capping Yield Ratio = Rate Yield / Prior Capping Reference Yield | Rate Yield                    | P15              | 35                     | 99999999.99                   | None                            | For skip row commodities, the rate yield is the converted rate yield from the P15 record with skip row (yield conversion factor) applied. |
|  | Prior Capping Reference Yield | ADM              |                        | 99999.99                      | None                            | Edit with ADM Historical Revenue Capping, "A01110".   |
| Canning Rate Multiplier = Canning Viold Ratio Acanning Evaporat Value  | Capping Rate Multiplier       | Internal         |                        | 999999.99999999               | Round to 8 decimals.            |   |
| Capping Rate Multiplier = Capping Yield Ratio ^Capping Exponent Value  | Capping Exponent Value        | ADM              |                        | \$99.999                      | None                            | Edit with ADM Historical Revenue Capping, "A01110".   |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

|   |   |  |                  |                               |   | -, ,                            |   |
|---|---|--|------------------|-------------------------------|---|---------------------------------|---|
| Insurance Plan Code                     | 01 Yield Protection   | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protectio            | n with Harvest Price Exclusion                                  |
| Commodity Code                          | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |
|   | Calculations  | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>  |
| Prior Capping Rate                      | Prior Capping Viold Patio APrior Capping Exponent Value   | Prior Capping Rate Multiplier            | Internal         |                               | 999999.99999999                                       | Round to 8 decimals.            |   |
| Multiplier <sup>-</sup>                 | Prior Capping Yield Ratio <b>^Prior</b> Capping Exponent Value  | Prior Capping Exponent<br>Value          | ADM              |                               | \$99.999  | None                            | Edit with ADM Historical Revenue Capping, "A01110".             |
|   | If Rate Method Code = Fixed, "F": Sub County Rate   | Historical Capping Base Rate             | Internal         |                               | 999999.9999999  | Round to 8 decimals.            |   |
|   | If Rate Method Code = Additive, "A":  |  |                  |                               |   |                                 |   |
|   | Sub County Rate + (Capping Rate Multiplier * Capping Reference Rate + Capping Fixed Rate)   | Sub County Rate                          | ADM              |                               | 9.9999  | None                            | Edit with ADM Sub County Rate, "A01050".                        |
| Historical Capping Base Rate            | If Rate Method Code = Multiplicative, "M":  |  |                  |                               |   |                                 |   |
| Rate                                    | Sub County Rate * (Capping Rate Multiplier * Capping Reference Rate + Capping Fixed Rate)   | Capping Reference Rate                   | ADM              |                               | 9.9999  |                                 | Edit with ADM Historical Revenue Capping, "A01110".             |
|   | Otherwise:  (Capping Rate Multiplier * Capping Reference Rate + Capping Fixed Rate)   | Capping Fixed Rate                       | ADM              |                               | 9.9999  |                                 | Edit with ADM Historical Revenue Capping, "A01110".             |
|   | If Rate Method Code = Fixed "F": Sub County Rate  | Historical Prior Capping Base<br>Rate    | Internal         |                               | 999999.9999999  | Round to 8 decimals.            |   |
|   | If Rate Method Code = Additive, "A":  Sub County Rate + (Prior Capping Rate Multiplier * Prior Capping Reference Rate + Prior Capping Fixed Rate)       | Sub County Rate                          | ADM              |                               | 9.9999  | None                            | Edit with ADM Sub County Rate, "A01050".                        |
| Historical Prior Capping =<br>Base Rate | If Rate Method Code = Multiplicative, "M":  Sub County Rate * (Prior Capping Rate Multiplier * Prior Capping Reference Rate + Prior Capping Fixed Rate) | Prior Capping Reference Rate             | ADM              |                               | 9.9999  |                                 | Edit with ADM Historical Revenue Capping, "A01110".             |
|   | Otherwise:  (Prior Capping Rate Multiplier * Prior Capping Reference Rate + Prior Capping Fixed Rate)   | Prior Capping Fixed Rate                 | ADM              |                               | 9.9999  |                                 | Edit with ADM Historical Revenue Capping, "A01110".             |
| Historical Basic Unit Base Rate         | .9 * MIN(.999, Historical Prior Capping Base Rate * 1.2,<br>Historical Capping Base Rate)   | Historical Basic Unit Base<br>Rate       | Internal         |                               | 999999.99999999                                       | Round to 8 decimals.            |   |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code                                  | 01 Yield Protection   | 02 Revenue Protection                              |                  |                 |                               | 03 Revenue Protectio   | n with Harvest Price Exclusion  |
|--|---|--|------------------|-----------------|-------------------------------|--|---|
|  | 0011 Wheat  | 0021 Cotton  |                  |                 | 0047 Dry Beans                |  | 0075 Peanuts  |
| Commodity Code                                       | 0015 Canola   | 0041 Corn  |                  |                 | 0051 Grain Sorghum            |  | 0078 Sunflowers   |
|  | 0018 Rice   | 0043 Popcorn                                       |                  |                 | 0067 Dry Peas                 |  | 0081 Soybeans   |
|  |   | · ·  |                  |                 |                               | T  | 0091 Barley   |
|  | Calculations  | <u>Field</u><br>Name                               | Record<br>Number | Field<br>Number | <u>Field</u><br><u>Format</u> | <u>Field</u><br>Rounding   | <u>Rules</u>  |
|  |   | Coverage Level Percent                             | P14              | 34              | 9.9999                        | None   | For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Qual Loss), and "YE" (Yield Exclusion). |
| Historical Revenue<br>rotection Base Premium<br>Rate |   | Historical Revenue Protection<br>Base Premium Rate | Internal         |                 | 9999999999999999              | Round each intermittent Beta * calculation to 8 decimals as it has been done historically. |   |
|  |   | Beta O Factor - Beta 14 Factor                     | ADM              |                 | \$99.99999999                 | None   | Edit with ADM Historical Revenue Capping, "A01110".   |
|  | Beta 14 Factor * (Approved Yield / Capping Reference        | Price Volatility Factor                            | ADM              |                 | 9.99                          | None   | Edit with ADM Price, "A00810".  |
|  | Yield) * Price Volatility Factor ] * Unit Residual Factor X | Unit Residual Factor                               | ADM              |                 | 999.999                       | None   | Edit with ADM Coverage Level Differential, "A01040".  See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).  |
| -  |   | Enterprise Unit Residual<br>Factor                 | ADM              |                 | 999.999                       | None   | Edit with ADM Coverage Level Differential, "A01040".  See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

|   | Record Code:  | Record Code: P11   |                  |                               |   | : 5/22/2025  |  |
|---|---|--|------------------|-------------------------------|---|--|--|
| Insurance Plan Code   | 01 Yield Protection   | 02 Revenue Protection  |                  |                               |   | 03 Revenue Protection  | on with Harvest Price Exclusion  |
| Commodity Code  | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn   |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley                            |  |
|   | Calculations  | <u>Field</u><br><u>Name</u>  | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u>  | Rules  |
|   | When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":  | Coverage Level Percent   | P14              | 34                            | 9.9999  | None   | For Option Code "TA" (Trend Adjustment) this w<br>be Effective Coverage Level Percent. See Section<br>16 for Option Code "TA" (Trend Adjustment), "Y<br>(Yield Cup), "QL" (Quality Loss), and "YE" (Yield<br>Exclusion). |
| Historical Revenue<br>Protection with Harvest<br>Price Exclusion Base<br>Premium Rate | Beta 6 Factor * (Approved Yield / Capping Reference Yield)^2 +  | Historical Revenue<br>Protection with Harvest Price<br>Exclusion Base Premium Rate | Internal         |                               | 999999999,99999999                                    | Round each intermittent Beta * calculation to 8 decimals as it has been done historically. | Edit with ADM Historical Revenue Capping,  |
|   | Factor +  | Beta O Factor - Beta 14 Factor   | ADM              |                               | S99.99999999  | None   | "A01110".  |
|   | Beta 14 Factor * (Approved Yield / Capping Reference Yield) * Price Volatility Factor ] * Unit Residual Factor X 1.1                        | Price Volatility Factor  | ADM              |                               | 9.99  | None   | Edit with ADM Price, "A00810".   |
|   |   | Unit Residual Factor   | ADM              |                               | 999.999   | None   | Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Los and "YE" (Yield Exclusion).   |
|   | When Unit Structure Code is equal to Enterprise Unit, "EU" er- "Ep":  Replace 'Unit Residual Factor' with 'Enterprise Unit Residual Factor' | Enterprise Unit Residual Factor  | ADM              |                               | 999.999   | None   | Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss and "YE" (Yield Exclusion).  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

|  | Record Code  | Record Code: P11   |   |                               | Release Date                  | : 5/22/2025   |   |  |
|--|--|--|---|-------------------------------|-------------------------------|---|---|--|
| Insurance Plan Code                      | 01 Yield Protection  | 02 Revenue Protection  |   |                               |                               | 03 Revenue Protectio  | on with Harvest Price Exclusion   |  |
| Commodity Code                           | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn                                 | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                               |                               | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |   |  |
|  | <u>Calculations</u>  | <u>Field</u><br><u>Name</u>  | Record<br>Number                                      | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br><u>Rounding</u>                                 | Rules   |  |
| Capped Revenue<br>Protection Add on Rate | MIN(Base Premium Rate + Preliminary Revenue Protection Add On Rate, Historical Revenue Protection Base Premium Rate * 1.2^(Commodity Year - Capping Year)) - Base Premium Rate                                   | Capped Revenue Protection<br>Add on Rate                                 | Internal  |                               | 9999999999999999              | Round to 8 decimals.  | Use the Preliminary Add On Rates for Insurance Plan Code Revenue Protection, "02" or Revenue Protection with Harvest Price Exclusion, "03" from section 5, the Base Premium Rate from section 3 to calculate the Capped Revenue add on factors. |  |
|  |  | Base Premium Rate  | P11   | 97                            | 999999.9999999                | None  |   |  |
|  |  | Commodity Year   | P14   | 10                            | CCYY                          | None  |   |  |
|  |  | Capping Year   | ADM   |                               | ССҮҮ                          | None  | Edit with ADM Historical Revenue Capping, "A01110".   |  |
| Price Exclusion Add on                   | MIN(Base Premium Rate + Preliminary Revenue<br>Protection with Harvest Price Exclusion Add On Rate,<br>= Historical Revenue Protection with Harvest Price<br>Exclusion Base Premium Rate * 1.2^(Commodity Year - | Capped Revenue Protection<br>with Harvest Price Exclusion<br>Add on Rate | Internal  |                               | 9999999999999999              | Round to 8 decimal  | Use the Preliminary Add On Rates for Insurance Plan Code Revenue Protection, "02' or Revenue Protection with Harvest Price Exclusion, "03" from section 5, the Base Premium Rate from section 3 to calculate the Capped Revenue add on factors. |  |
| Rate                                     | Capping Year)) - Base Premium Rate   | Base Premium Rate  | P11   | 97                            | 999999.9999999                | None  |   |  |
|  |  | Commodity Year   | P14   | 10                            | CCYY                          | None  |   |  |
|  |  | Capping Year   | ADM   |                               | ССҮҮ                          | None  | Edit with ADM Historical Revenue Capping, "A01110".   |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

|                                     | Record Name: Acreage<br>Record Code: P11   |  |                  |                               | version<br>Release Date                               |                                 |   |
|-------------------------------------|--|--|------------------|-------------------------------|---|---------------------------------|---|
| Insurance Plan Code                 | 01 Yield Protection  | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protectio            | n with Harvest Price Exclusion  |
| Commodity Code                      | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|                                     | <u>Calculations</u>  | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | Rules   |
| Section 7: Whole Farm Un            | nit Base Premium Rate  |  |                  |                               |   |                                 | The Whole Farm Unit Discount is only applicable to the Revenue Protection and Revenue Protection with Harvest Price Exclusion Insurance Plans, unless the Special Provisions allow Whole Farm Units for other Insurance Plans.  Whole Farm Units will now mandate that producers include both their spring and fall planted commodities into the whole farm unit for commodity/plans offering Whole Farm Units.  Malting Barley Coverage is NOT applicable for Whole Farm Unit. |
|                                     |  | Lookup Rate                              | Internal         |                               | 9999999999.9999                                       | Round to 4 decimals.            |   |
| Lookup Rate                         | = Revenue Lookup Rate * Revenue Lookup Adjustment<br>Factor  | Revenue Lookup Rate                      | Internal         |                               | 9999999999.9999                                       | Round to 4 decimals.            | From Section 3.   |
|                                     |  | Revenue Lookup Adjustment<br>Factor      | Internal         |                               | 9.9999999   | None                            | From Section 2.   |
| Mean Quantity <sub>commodityj</sub> | Mean Quantity <sub>commodityj</sub> WHERE Lookup Rate <sub>commodityj</sub> =<br>= Base Rate <sub>commodityj</sub> | Mean Quantity <sub>commodityj</sub>      | ADM              |                               | 999.99999999  | None                            | Edit with ADM Combo Revenue Factor, "A01030".  Search the Combo Revenue Factor, "A01030" for the Mean Quantity, When the Lookup Rate = Base Rate  |
|                                     |  | Lookup Rate commodityj                   | Internal         |                               | 9.9999  | None                            |   |
|                                     |  | Base Rate <sub>commodityj</sub>          | ADM              |                               | 9.9999  | None                            | Edit with ADM Combo Revenue Factor, "A01030".   |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

record with skip row (yield conversion factor)

applied.

|   | Record Code.  | d Code. P11 Release Date. 3/22/2025             |                  |                        |   |                                   |  |  |  |  |
|---|---|---|------------------|------------------------|---|-----------------------------------|--|--|--|--|
| Insurance Plan Code                                   | 01 Yield Protection   | 02 Revenue Protection                           |                  |                        |   | 03 Revenue Protectio              | n with Harvest Price Exclusion   |  |  |  |
| Commodity Code  | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn        |                  |                        | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | 051 Grain Sorghum 0078 Sunflowers |  |  |  |  |
|   | Calculations  | <u>Field</u><br>Name                            | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br>Format                                | <u>Field</u><br>Rounding          | Rules  |  |  |  |
| Standard Deviation<br>Quantity <sub>commodityj</sub>  | = Standard Deviation Quantity <sub>commodityj</sub> WHERE Lookup Rate <sub>commodityj</sub> = Base Rate <sub>commodityj</sub> | Standard Deviation Quantity                     | ADM              |                        | 999.99999999  | None                              | Edit with ADM Combo Revenue Factor, "A01030".  Search the Combo Revenue Factor, "A0103 for the Standard Deviation Quantity, When Lookup Rate = Base Rate   |  |  |  |
|   |   | Lookup Rate commodityj                          | Internal         |                        | 9.9999  | None                              |  |  |  |  |
|   |   | Base Rate <sub>commodityj</sub>                 | ADM              |                        | 9.9999  | None                              | Edit with ADM Combo Revenue Factor, "A01030".  |  |  |  |
|   |   | Adjusted Mean Quantity                          | Internal         |                        | 999999.99999999                                       | Round to 8 decimals.              |  |  |  |  |
| Adjusted Mean Quantity<br>commodityj                  | = Approved Yield $_{commodityj}$ * Mean Quantity $_{commodityj}$ / 100  | Approved Yield <sub>commodityj</sub>            | P11              | 42                     | 99999999.99   | None                              | For APH Trend, Yield Cup, Quality Loss, and Yield Exclusion, the Approved Yield will be greater of the calculated approved yield at the adjusted yield.  For skip row commodities, the approved y is the converted approved yield from the Precord with skip row (yield conversion fact applied. |  |  |  |
|   |   | Adjusted Standard Deviation Quantity commodityj | Internal         |                        | 9999999999999999                                      | Round to 8 decimals.              |  |  |  |  |
| Adjusted Standard<br>Deviation Quantity<br>commodityj | = Approved Yield <sub>commodityj</sub> * Standard Deviation Quantity <sub>commodityj</sub> / 100                              | Approved Yield <sub>commodityj</sub>            | P11              | 42                     | 99999999.99   | None                              | For APH Trend, Yield Cup, Quality Loss, and Yield Exclusion, the Approved Yield will be greater of the calculated approved yield and the adjusted yield.  For skip row commodities, the approved yi is the converted approved yield from the P   |  |  |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022

Version: Draft
Release Date: 5/22/2025

| Insurance Plan Code | 01 Yield Protection       | 02 Revenue Protection    | 02 Revenue Protection |       |                                      | 03 Revenue Protectio | n with Harvest Price Exclusion  |
|---------------------|---------------------------|--------------------------|-----------------------|-------|--------------------------------------|----------------------|---------------------------------|
| Commodity Code      | 0011 Wheat<br>0015 Canola | 0021 Cotton<br>0041 Corn |                       |       | 0047 Dry Beans<br>0051 Grain Sorghum |                      | 0075 Peanuts<br>0078 Sunflowers |
|                     | 0018 Rice                 | 0043 Popcorn             |                       |       | 0067 Dry Peas                        |                      | 0081 Soybeans<br>0091 Barley    |
|                     |                           | <u>Field</u>             | Record                | Field | <u>Field</u>                         | <u>Field</u>         |                                 |

| <u>Calculations</u>  | <u>Field</u><br><u>Name</u>                                | Number   | <u>Field</u><br>Number | <u>Field</u><br><u>Format</u> | Field<br>Rounding    | <u>Rules</u>   |
|--|--|----------|------------------------|-------------------------------|----------------------|--|
|  | log Mean <sub>commodityj</sub> (LnMean)                    | Internal |                        | 999999.9999999                | Round to 8 decimals. |  |
| In(Projected Price or Contract Price <sub>commodityj</sub> ) – (Price  LnMean <sub>commodityj</sub> = Volatility Factor <sub>commodityj</sub> ) <sup>2</sup> / 2 | Projected Price or Contract<br>Price <sub>commodityj</sub> | ADM      |                        | 99999.9999                    |                      | Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.   |
|  | Price Volatility Factor <sub>commodityj</sub>              | ADM      |                        | 9.99                          | None                 | Edit with ADM Price, "A00810".   |
| Yield Draw Quantity = Yield Draw Quantity <sub>commodity</sub> commodity Sequence Number   | Yield Draw Quantity  | ADM      |                        | 599.999999999                 | None                 | ADM Insurance Offer, "A00030", and Beta, "A01020", should be used to obtain the applicable draws. There should be 500 Draws (or sequence numbers) per Beta Id in the ADM Beta, "A01020" for every distinct Beta Id in the ADM Insurance Offer, "A00030". |
| Price Draw Quantity = Price Draw Quantity <sub>commodity</sub> commodity Sequence Number   | Price Draw Quantity  | ADM      |                        | \$99.99999999                 | None                 | ADM Insurance Offer, "A00030", and Beta, "A01020", should be used to obtain the applicable draws. There should be 500 Draws (or sequence numbers) per Beta Id in the ADM Beta, "A01020" for every distinct Beta Id in the ADM Insurance Offer, "A00030". |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

|                       | Release Date: 5/22/2025   |  |                  |                        |   |                          |  |
|-----------------------|---|--|------------------|------------------------|---|--------------------------|--|
| Insurance Plan Code   | 01 Yield Protection   | 02 Revenue Protection  |                  |                        |   | 03 Revenue Protectio     | n with Harvest Price Exclusion   |
| <u>Commodity Code</u> | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn                               |                  |                        | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                          | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |
|                       | <u>Calculations</u>   | <u>Field</u><br><u>Name</u>  | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br>Rounding | Rules  |
|                       | Simulated Revenue Protection Losses Whole Farm  Simulated Revenue ProjPrice Commodityj, Round(e^(Pricecommodityj) * Price Volatility Factor commodityj, 12)),12),12) - all Commodities Sand (MAX(0,Round(Yield Commodityj) * Price Volatility Factor Commodityj * AdjMean Commodityj, 12)),12) * Round(MIN(2 * ProjPrice Commodityj, 12)),12) * Round(Acres Commodityj, 12)),12) * Round(Acres Commodityj, 12)),12) | Simulated Revenue Protection<br>Losses Whole Farm<br>(SimRPLossesWF)   | Internal         |                        | 999999999999999999999                                 | Round to 12 decimals.    | Simulated Revenue Protection Losses for All Commodity/Acreage report line in the Whole Farm Unit.  |
|                       |   | Coverage Level Percent <sub>commodityj</sub><br>(covlvl)               | P14              | 34                     | 9.9999  | None                     | For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).   |
| Simulated Revenue     |   | Approved Yield <sub>commodityj</sub> (AY)                              | P11              | 42                     | 999999999999  | None                     | Approved Yield for each Commodity/Acreage report line in the Whole Farm Unit.  For APH Trend, Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield.  For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied. |
|                       |   | Reported Acreage <sub>commodityj</sub> (Acres)                         | P11              | 48                     | 999999.99   | None                     | Reported Acreage must equal the sum of all Land, P27, Reported Acreage.  Reported Acreage for each Commodity/Acreage report line in the Whole Farm Unit.   |
|                       |   | Projected Price or Contract<br>Price <sub>commodityj</sub> (ProjPrice) | ADM              |                        | 99999.9999  | None                     | Edit with ADM Price, "A00810".  Projected Price or Contract Price for each Commodity/Acreage report line in the Whole Farm Unit.   |
|                       |   | Price Draw Quanity <sub>commodityj</sub> i<br>(Price)                  | ADM              |                        | \$99.99999999   | None                     | Price Draw Quantity for each Commodity /Acreage report line in the Whole Farm Unit.  |
|                       |   | Price Volatility Factor <sub>commodityj</sub>                          | Internal         |                        | 999999.9999999  | None                     | Price Volatility Factor for each<br>Commodity/Acreage report line in the Whole Farm<br>Unit.   |
|                       |   | log Mean <sub>commodityj</sub> (LnMean)                                | Internal         |                        | 999999.9999999  | None                     | Log Mean for each Commodity/Acreage report line in the Whole Farm Unit.  |
|                       |   | Yield Draw Quantity <sub>commodityj</sub> i<br>(Yield)                 | ADM              |                        | S99.99999999  | None                     | Yield Draw Quantity for each Commodity/Acreage report line in the Whole Farm Unit.   |

Exhibit Number: P11-1, Plan 01, 02, 03

Adjusted Mean

Quantity<sub>commodityj</sub> (AdjMean)

Record Name: Acreage

\* Price Volatility Factorcommodityj + LnMeancommodityj),12)),12) \*

Round(Acres<sub>commodityj,12</sub>)), 12)

Reinsurance Year: 2022 Version: Draft

999999.99999999

None

Adjusted Mean Quantity for each

Farm Unit.

Commodity/Acreage report line in the Whole

|  | Record Code:   | P11   |   |                               |                               |   |  |
|--|--|---|---|-------------------------------|-------------------------------|---|--|
| Insurance Plan Code  | 01 Yield Protection  | 02 Revenue Protection   |   |                               |                               | 03 Revenue Protection   | on with Harvest Price Exclusion  |
| Commodity Code   | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn                                  | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                               |                               | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |  |
|  | Calculations   | <u>Field</u><br><u>Name</u>   | Record<br>Number                                      | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br><u>Rounding</u>                                 | <u>Rules</u>   |
| Simulated Revenue<br>Protection Losses Whole<br>Farm <sup>=</sup><br>(continued) | all Commodities  ∑ Round(MAX(0,∑ Ay <sub>commodityj</sub> *  j=  Acres <sub>commodityj</sub> * covlvl <sub>commodityj</sub> *  Round(MAX(ProjPrice <sub>commodityj</sub> , Round(MIN(2 *  ProjPrice <sub>commodityj</sub> , Round(e <sup>(Pricecommodityj)</sup> * Price Volatility Factor commodityj + LnMeancommodityj),12)),12) -  all Commodities  ∑ Round(MAX(0,Round(Yield <sub>commodityj</sub> ) *  j=  AdjStdDev <sub>commodityj</sub> + AdjMean <sub>commodityj,12</sub> )),12) *  Round(MIN(2 * ProjPrice <sub>commodityj</sub> , Round(e <sup>(Pricecommodityj)</sup> ), Round(e)  * Price Volatility Factorcommodityj + Diversity + | Adjusted Standard Deviation<br>Quantity <sub>commodityj</sub> (AdjStnDev) | Internal  |                               | 9999999999999999999999999999  | None  | Adjusted Standard Deviation Quantity for each Commodity/Acreage report line in the Whole Fai Unit. |

Internal

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

|   | Record Code:   | P11   |          |               | Release Date  | 5/22/2025   |   |
|---|--|---|----------|---------------|---|---|---|
| Insurance Plan Code   | 01 Yield Protection  | 02 Revenue Protection   |          |               |   | 03 Revenue Protectio  | on with Harvest Price Exclusion   |
| Commodity Code  | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn  |          |               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley |   |
|   |  | <u>Field</u>  | Record   | <u>Field</u>  | <u>Field</u>  | <u>Field</u>  |   |
|   | Calculations   | <u>Name</u>   | Number   | <u>Number</u> | <u>Format</u>   | Rounding  | Rules   |
|   |  | Simulated Revenue Protection<br>Harvest Price Excluded Losses<br>Whole Farm<br>(SimRPhpeLossesWF) | Internal |               | 99999999999999999999                                  | Round to 12 decimals.   | Simulated Revenue Protection Harvest Price Excluded Losses for All Commodity/Acreage report lines in the Whole Farm Unit.   |
|   |  | Coverage Level Percent <sub>commodityj</sub> (covlvl)   | P14      | 34            | 9.9999  | None  | For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).  |
| $\sum_{i=1}^{\sum} \textbf{Round(MAX (0, \sum_{j=1}^{i} AY_{commodityj}) * ProjPrice_{o}} \\ + Acres_{commodityj} * Acres_{commodityj} - all commodities$ | $\sum_{i=1}^{\infty} \mathbf{Round}(MAX(0,\sum_{conwodityj}^{convlol})^*$ $= AY_{commodityj} * ProjPrice_{commodityj}$ $* Acres_{commodityj}) -$   | Approved Yield <sub>commodityj</sub> (AY)   | P11      | 42            | 99999999.99   | None  | Approved Yield for each Commodity/Acreage report line in the Whole Farm Unit.  For APH Trend, Yield Cup, Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield.  For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied. |
| Farm  | j= AdjStdDev <sub>commodityj</sub> + AdjMean <sub>commodityj,12</sub> )),12) * Round(MIN(2 * ProjPrice <sub>commodityj</sub> , Round(e <sup>(Pricecommodityj * Price Volatility Factorcommodityj + LnMeancommodityj)</sup> ,12)),12) * Round(Acres <sub>commodityj</sub> ,12)),12) | Reported Acreage <sub>commodityj</sub> (Acres)  | P11      | 48            | 999999.99   | None  | Reported Acreage must equal the sum of all Land, P27, Reported Acreage.  Reported Acreage for each Commodity/Acreage report line in the Whole Farm Unit. Edit with ADM Price, "A00810".   |
|   |  | Projected Price or Contract<br>Price <sub>commodityj</sub> (ProjPrice)                            | ADM      |               | 99999.9999  | None  | Projected Price or Contract Price (as addressed in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.  |
|   |  | Yield Draw Quantity <sub>commodityj</sub> i<br>(Yield)  | ADM      |               | \$99.99999999   | None  | Yield Draw Quantity for each Commodity/Acreage report line in the Whole Farm Unit.  |
|   |  | Adjusted Standard Deviation<br>Quantity <sub>commodityj</sub> (AdjStnDev)                         | Internal |               | 9999999999999999                                      | None  | Adjusted Standard Deviation Quantity for each Commodity/Acreage report line in the Whole Farm Unit.   |
|   |  | Adjusted Mean<br>Quantity <sub>commodityj</sub> (AdjMean)   | Internal |               | 999999.99999999                                       | None  | Adjusted Mean Quantity for each Commodity/Acreage report line in the Whole Farm Unit.   |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

AY<sub>commodityj</sub> \* ProjPrice<sub>commodityj</sub>

∑ Round(MAX(0, Round(Yield<sub>commodityii</sub> \*

Round(MIN(2 \* ProjPrice<sub>commodityj</sub>,

AdjStdDev<sub>commodityj</sub> + AdjMean<sub>commodityj,12</sub>)),12) \*

Round(e<sup>(Pricecommodityji \* Price Volatility Factorcommodityj +</sup>

LnMeancommodityj),12)),12) \* Round(Acres<sub>commodityj,12</sub>)), 12)

\* Acres<sub>commodityj</sub>) -

all commodities

Simulated Revenue

Protection Harvest Price

Excluded Losses Whole =

Farm \( \) (continued) j=

Reinsurance Year: 2022 Version: Draft

999999.9999999

999999.9999999

None

None

Release Date: 5/22/2025

Price Volatility Factor for each

in the Whole Farm Unit.

Commodity/Acreage report line in the Whole Farm

Log Mean for each Commodity/Acreage report line

| Insurance Plan Code   | 01 Yield Protection  | 02 Revenue Protection                                 |                  |                                     | 03 Revenue Protectio            | n with Harvest Price Exclusion  |
|-----------------------|--|---|------------------|-------------------------------------|---------------------------------|---|
| Commodity Code        | 0011 Wheat   | 0021 Cotton   |                  | 0047 Dry Beans                      |                                 | 0075 Peanuts  |
| <u>commodity code</u> | 0015 Canola<br>0018 Rice   | 0041 Corn<br>0043 Popcorn                             |                  | 0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0078 Sunflowers<br>0081 Soybeans<br>0091 Barley                                   |
|                       | Calculations   | <u>Field</u><br><u>Name</u>                           | Record<br>Number | <br><u>Field</u><br><u>Format</u>   | <u>Field</u><br><u>Rounding</u> | Rules   |
|                       |  | Price Draw Quanity <sub>commodityj</sub> i<br>(Price) | ADM              | \$99.99999999                       | None                            | Price Draw Quantity for each Commodity/Acreas report line in the Whole Farm Unit. |
|                       | 500 all commodities  ∑ Round(MAX (0, ∑covIvI <sub>commodityj</sub> * |   |                  |                                     |                                 |   |

Internal

Internal

Price Volatility Factor<sub>commodityj</sub>

log Mean<sub>commodityj</sub> (LnMean)

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2022

Version: Draft
Release Date: 5/22/2025

|   | Record   | Code: P11  |               |               | Release Date  | e: 5/22/2025         |  |
|---|--|--|---------------|---------------|---|----------------------|--|
| Insurance Plan Code   | 01 Yield Protection  | 02 Revenue Protection  |               |               |   | 03 Revenue Protectio | n with Harvest Price Exclusion   |
| Commodity Code  | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn                               | Record        | <u>Field</u>  | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | Field                | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |
|   | <u>Calculations</u>  | <u>Name</u>  | <u>Number</u> | <u>Number</u> | <u>Format</u>   | Rounding             | Rules  |
|   | <u>SimRPLossesWF</u><br>500  | Coverage Level Percent <sub>commodityj</sub> (covlvl)                  | P14           | 34            | 9.9999  | None                 | For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE' (Yield Exclusion) this will be Effective Coverag Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) |
| Revenue Protection = Whole Farm Rate                                    | all commodities  ∑(covIvI <sub>commodityj</sub> * AY <sub>commodityj</sub> * ProjPrice <sub>commodityj</sub> *  j =  Acres <sub>commodityj</sub> ) | Revenue Protection Whole<br>Farm Rate                                  | Internal      |               | 99999999999999999                                     | Round to 8 decimals. |  |
|   |  | Projected Price or Contract<br>Price <sub>commodityj</sub> (ProjPrice) | ADM           |               | 99999.9999  | None                 | Edit with ADM Price, "A00810".  Projected Price or Contract Price (as addresse in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.  |
|   | <u>SimRPhpeLossesWF</u><br>500   | Coverage Level Percent <sub>commodityj</sub> (covlvl)                  | P14           | 34            | 9.9999  | None                 | For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverag Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "QL" (Quality Loss), and "YE" (Yield Exclusion).                  |
| Revenue Protection with<br>Harvest Price Exclusion =<br>Whole Farm Rate | = 1000000000000000000000000000000000000  | Revenue Protection with<br>Harvest Price Exclusion<br>Whole Farm Rate  | Internal      |               | 999999999.9999999                                     | Round to 8 decimals. |  |
|   | Acres <sub>commodityj</sub> )  | Projected Price or Contract<br>Price <sub>commodityj</sub> (ProjPrice) | ADM           |               | 99999.9999  | None                 | Edit with ADM Price, "A00810".  Projected Price or Contract Price (as addresse in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2022 Version: Draft

|  | Record Code:  | •  | Release Date: 5/22/2025 |                               |   |                                 |  |  |  |  |
|--|---|--|-------------------------|-------------------------------|---|---------------------------------|--|--|--|--|
| Insurance Plan Code                                    | 01 Yield Protection   | 02 Revenue Protection                    |                         |                               |   | 03 Revenue Protectio            | n with Harvest Price Exclusion   |  |  |  |
| Commodity Code   | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                         |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |  |  |  |
|  | Calculations  | <u>Field</u><br><u>Name</u>              | Record<br>Number        | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | Rules  |  |  |  |
| Whole Farm Base Premium Rate  When Insurance Plan Code | e equals Revenue Protection, "02":  = Revenue Protection Whole Farm Rate e equals Revenue Protection with Harvest Price Exclusion,  | Whole Farm Base Premium<br>Rate          | Internal                |                               | 9999999999999999                                      | None                            |  |  |  |  |
| "03":<br>Whole Farm Base<br>Premium Rate               | Revenue Protection with Harvest Price Exclusion Whole Farm Rate   | Whole Farm Base Premium<br>Rate          | Internal                |                               | 999999999.99999999                                    | None                            |  |  |  |  |
| Section 8: Premium Rate                                |   |  |                         |                               |   |                                 | The Premium Rate for ALL Unit Structures should be capped at .999 in the event variou adjustments to the Base Premium Rate would cause it to exceed 1.0.   |  |  |  |
| When Unit Structure Code Premium Rate                  | MIN(.999, Round(Whole Farm Base Premium Rate * Sum ((Reported Acreage * Multiplicative Optional Rate Adjustment Factor) / Sum(Total Reported Acreage) for Whole Farm including Prevented Planting) + Sum ((Reported Acreage * Additive Optional Rate Adjustment Factor) / Sum(Total Reported Acreage) for Whole Farm including Prevented Planting), 8)) | Premium Rate                             | Internal                |                               | 99999999999999999                                     | Round to 8 decimals.            | Premium Rate is capped at 0.99900000. For situations where the option factors vary b Commodity, a reported Acreage weighted average of the Option Factors should be used to determine the Multiplicative and Additive Optional Rate adjustments to be used in the computation of the Premium Rate for Whole Farm Unit. |  |  |  |
|  |   | Total Reported Acreage                   | Internal                |                               | 99999999.99   | None                            | Total Reported Acreage for the Whole Farm including Prevented Planting.  |  |  |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2022 Version: Draft

|                         | Record Code: P11  |  | Release Date: 5/22/2025 |                               |   |                                 |   |
|-------------------------|---|--|-------------------------|-------------------------------|---|---------------------------------|---|
| Insurance Plan Code     | 01 Yield Protection   | 02 Revenue Protection                    |                         |                               |   | 03 Revenue Protection           | on with Harvest Price Exclusion   |
| Commodity Code          | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                         |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|                         | Calculations  | <u>Field</u><br><u>Name</u>              | Record<br>Number        | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | Rules   |
| /hen Unit Structure Cod | e DOES NOT EQUAL Whole Farm Unit, "WU":   |  |                         |                               |   |                                 | Set Capped Revenue Add On Factor as follows:  |
| Premium Rate            | MIN(.999, Base Premium Rate * Unit Structure Discount  = Factor * Multiplicative Optional Rate Adjustment Factor+ Additive Optional Rate Factor + Capped Revenue Add On Factor) | Premium Rate                             | Internal                |                               | 9999999999999999                                      | Round to 8 decimals.            | If Insurance Plan Code equals 01, Capped Revenue Add On Factor will equal zero. If Unit Structure Code does not equal Whol Farm (WU), set Capped Revenue Add On Factor as follows:  If Section 6 is applicable, Capped Revenue On Factor will equal Capped Revenue Protection Add On Rate when Insurance Pl Code equals 02 or Capped Revenue Protection Add On Rate when Insurance Plan Code equals 03.  If Section 6 is not applicable, Capped Revenue Add On Factor will equal Preliminary Revenue Protection Add On Rate when Insurance Plan Code equals 02 or Preliminary Revenue Protection with Harvest Price Exclusion Add On Rate when Insurance Plan Code equals 02 or Preliminary Revenue Protection with Harvest Price Exclusion Add On Rate when Insurance Plan Code equals |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Amount

Reinsurance Year: 2022

Version: Draft
Release Date: 5/22/2025

number.

|                                | Record Code  | :: P11 Release Date: 5/22/2025                                     |                  |                 |                                      |                                 |   |  |  |  |
|--------------------------------|--|--|------------------|-----------------|--------------------------------------|---------------------------------|---|--|--|--|
| nsurance Plan Code             | 01 Yield Protection  | 02 Revenue Protection  |                  |                 |                                      | 03 Revenue Protect              | tion with Harvest Price Exclusion   |  |  |  |
| Commodity Code                 | 0011 Wheat<br>0015 Canola  | 0021 Cotton<br>0041 Corn   |                  |                 | 0047 Dry Beans<br>0051 Grain Sorghum |                                 | 0075 Peanuts<br>0078 Sunflowers   |  |  |  |
| <u>commodity code</u>          | 0018 Rice  | 0043 Popcorn   |                  |                 | 0067 Dry Peas                        |                                 | 0081 Soybeans<br>0091 Barley  |  |  |  |
|                                | <u>Calculations</u>  | <u>Field</u><br><u>Name</u>  | Record<br>Number | Field<br>Number | <u>Field</u><br><u>Format</u>        | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>  |  |  |  |
| tion 9: Total Premium          | Amount, Subsidy Amount, and Producer Premium Amoun   | t  |                  |                 |                                      |                                 |   |  |  |  |
|                                |  | Preliminary Total Premium  | Internal         |                 | 999999999                            | Round to whole number.          |   |  |  |  |
|                                |  | Experience Factor  | P11              | 47              | 9.999                                | None                            | Experience Factor is only applicable for<br>Insurance Plan Code Yield Protection, "0  |  |  |  |
| Premium = Factor * Premium Sur | Premium Liability Amount * Premium Rate * Experience<br>= Factor * Premium Surcharge Percent * Total Premium<br>Multiplicative Optional Rate Adjustment Factor | Premium Surcharge Percent  | Internal         |                 |                                      |                                 | Use when the Approved Yield Had a Cup<br>Surcharge applied.  Does not apply when option "YC" is elect<br>Set to 1.00.           |  |  |  |
|                                |  | Total Premium Multiplicative<br>Optional Rate Adjustment<br>Factor | ADM              |                 | 9.9999                               | None                            | If Option Rate with Rate Method Code e "T". Edit with ADM Option Rate, "A0106 Currently this will be used for Short Rat Option. |  |  |  |
|                                |  | Total Premium Amount   | P11              | 95              | 999999999                            | Round to whole number.          |   |  |  |  |
| Total Premium Amount =         | = Preliminary Total Premium * Multiple Commodity Adjustment Factor   | Multiple Commodity<br>Adjustment Factor                            | ICE              |                 | 9999.999                             | None                            | Edit with ICE Multiple Cropping, "D0006<br>Used when there is a first Commodity Lo  |  |  |  |
| Subsidy Amount =               | = Total Premium Amount * Subsidy Percent   | Subsidy Amount   | P11              | 93              | 999999999                            | Round to whole number.          | If this record qualifies for Beginning Far<br>and Rancher or Native Sod, see Section<br>subsidy calculations.                   |  |  |  |
| ·                              |  | Subsidy Percent  | ADM              |                 | 9.999                                | None                            | Edit with ADM Subsidy Percent, "A0007   |  |  |  |
| Producer Premium<br>Amount     | = Total Premium Amount - Subsidy Amount  | Producer Premium Amount  | P11              | 94              | 999999999                            | Round to whole number.          |   |  |  |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2022 Version: Draft

|                                      | Record Code   | e: P11                                   |                  |                               | Release Dat   | e: 5/22/2025              |  |
|--------------------------------------|---|--|------------------|-------------------------------|---|---------------------------|--|
| Insurance Plan Code                  | 01 Yield Protection   | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protectio      | n with Harvest Price Exclusion   |
| <u>Commodity Code</u>                | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                           | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |
|                                      | <u>Calculations</u>   | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br>Rounding  | <u>Rules</u>   |
| Cottonseed Endorsement               | Option 'SE'   |  |                  |                               |   |                           | Information (Approved Yield, Reported Acreage, Insured Share Percent) will be obtained from Cotton P11 record and Rate Yield from P15 record associated with the Cottonseed record. CAT does not apply to Plan 01 Cottonseed. Unit Structure Code 'WU' does not apply to Cottonseed. |
| Section 10: Liability Calcul         | ation   |  |                  |                               |   |                           |  |
|                                      |   | Modified Yield                           | Internal         |                               | 99999999.99   | Round to whole<br>Number. |  |
| Modified Yield                       | = Approved Yield * Option Conversion Factor   | Approved Yield                           | P11              | 42                            | 9999999.99  | None                      | From Cotton P11 record. For skip row cotton, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.   |
|                                      |   | Option Conversion Factor                 | ADM              |                               | 9.9999  | None                      | Edit with ADM Option Rate, "A01060".   |
| Premium Guarantee Per<br>Acre Amount | = Modified Yield * Coverage Level Percent   | Premium Guarantee Per Acre<br>Amount     | Internal         |                               | 999999999.99  | Round to whole number.    |  |
|                                      |   | Coverage Level Percent                   | P14              | 34                            | 9.9999  | None                      |  |
| Guarantee Per Acre                   | When Guarantee Adjustment Type Code equals Late Planting, "L" OR Prevented Planting, "P": | Guarantee Per Acre Amount                | Internal         |                               | 999999999.99  | Round to whole number.    |  |
| Amount                               |   | Guarantee Adjustment Factor              | P11              | 69                            | 0.999   | None                      | Edit with the Guarantee Adjustment ICE, "D00068" or ADM Guarantee Adjustment, "A01220" for Prevented Planting.   |
| Price Flaction Amount                | = Projected Price * Drice Flaction Percent  | Price Election Amount                    | Internal         |                               | 9999.9999   | None                      | Cottonseed will equal the Projected Price from ADM regardless of Price Election Percent for Cotton Lint.   |
| Price Election Amount                | = Projected Price * Price Election Percent  | Projected Price                          | ADM              |                               | 99999.9999  |                           |  |
|                                      |   | Price Election Percent                   | ICE              |                               | 9.9999  | None                      | Will always be 1.000 for Cottonseed.   |
| Premium Total                        | = Premium Guarantee Per Acre Amount * Price Election                                      | Premium Total Guarantee<br>Amount        | Internal         |                               | 99999999.99   | Round to 2 decimals.      |  |
| Guarantee Amount                     | Amount * Reported Acreage   | Price Election Amount                    | Internal         |                               | 9999.9999   | None                      |  |
|                                      |   | Reported Acreage                         | P11              | 48                            | 99999999.99   | None                      | From Cotton P11 record.  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

|                          | Record Code:  | PII  | Release Date: 5/22/2025 |        |   |                        |   |  |  |
|--------------------------|---|--|-------------------------|--------|---|------------------------|---|--|--|
| Insurance Plan Code      | 01 Yield Protection   | 02 Revenue Protection                          |                         |        |   | 03 Revenue Protectio   | n with Harvest Price Exclusion  |  |  |
| Commodity Code           | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn       |                         |        | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                        | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |  |  |
|                          |   | Field  | Record                  | Field  | Field   | Field                  | - Contract of the contract of |  |  |
|                          | Calculations  | <u>Name</u>                                    | Number                  | Number | Format  | Rounding               | <u>Rules</u>  |  |  |
| Total Guarantee Amount : | Guarantee Per Acre Amount * Price Election Amount *   | Total Guarantee Amount                         | P11                     | 103    | 9999999.99  | Round to 2 decimals.   |   |  |  |
| Total Guarantee Amount   | Reported Acreage  | Price Election Amount                          | Internal                |        | 9999.9999   | None                   |   |  |  |
|                          |   | Reported Acreage                               | P11                     | 48     | 999999.99   | None                   | From Cotton P11 record.   |  |  |
| Premium Liability        | ty = Premium Total Guarantee Amount * Insured Share nt = Percent  | Premium Liability Amount                       | Internal                |        | 999999999   | Round to whole number. |   |  |  |
| Amount                   | rerectit  | Insured Share Percent                          | P11                     | 43     | 9.9999  | None                   | From Cotton P11 record.   |  |  |
| Liability Amount :       | Liability Amount = Total Guarantee Amount * Insured Share Percent   | Liability Amount                               | P11                     | 94     | 999999999   | Round to whole number. |   |  |  |
|                          |   | Insured Share Percent                          | P11                     | 43     | 9.9999  | None                   | From Cotton P11 record.   |  |  |
| Section 11: Premium Rate |   |  | T                       | 1      |   | 1                      |   |  |  |
| Premium Rate :           | MIN(.999, Base Premium Rate * Unit Structure Discount<br>= Factor * Multiplicative Optional Rate Adjustment Factor+<br>Additive Optional Rate Factor) | Premium Rate                                   | Internal                |        | 99999999999999999                                     | Round to 8 decimals.   | To Determine the Premium Rate for the Cottonseed records:  1) Use the Rate Yield as determined under normal procedures.  2) Process the Rate Yield through section 3 of these procedures using the rating componen for regular Cotton offer.  If Yield Exclusion, Yield Cup, or Quality Loss is elected, see section 24 for the current year base premium rate calculation when the Effective Coverage Level exceeds the MAX ADM coverage level.  3) Find the Unit Structure Discount Factor to be applied later from section 2 of these procedures for regular Cotton offer.  4) Find the applicable Option Factors to be applied later from section 4 for regular Cotton offer.  5) Sections 5, 6, 7 are not applicable for Cottonseed records.   |  |  |
|                          |   | Multiplicative Optional Rate Adjustment Factor | Internal                |        | 999999.9999   |                        |   |  |  |
|                          |   | Additive Optional Rate<br>Adjustment Factor    | Internal                |        | 999999.9999   |                        |   |  |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2022

Version: Draft

|  | Record Name:<br>Record Code:  |  |                  |                               | Version<br>Release Date                               |                                 |   |
|--|---|--|------------------|-------------------------------|---|---------------------------------|---|
| Insurance Plan Code                                      | 01 Yield Protection   | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protectio            | n with Harvest Price Exclusion  |
| Commodity Code   | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|  | Calculations  | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | Rules   |
| Section 12: Total Premium                                | n Amount, Subsidy Amount, and Producer Premium Amour  | nt                                       |                  |                               |   |                                 |   |
|  |   | Preliminary Total Premium                | Internal         |                               | 999999999   | Round to whole number.          |   |
| Preliminary Total<br>Premium                             | = Premium Liability Amount * Premium Rate * Experience<br>Factor * Premium Rate Surcharge Percent | Experience Factor                        | P11              | 47                            | 9.999   | None                            | Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".  |
|  |   | Premium Rate Surcharge<br>Percent        |                  |                               |   |                                 | Does not apply when option "YC" is elected.<br>Set to 1.00.   |
| Total Premium Amount                                     | _ Preliminary Total Premium * Multiple Commodity  | Total Premium Amount                     | P11              | 95                            | 999999999   | Round to whole number.          |   |
|  | Adjustment Factor   | Multiple Commodity Adjustment Factor     | ICE              |                               | 9999.999  | None                            | Edit with ICE Multiple Cropping, "D00063".  |
| Subsidy Amount = Total Premium Amount * Subsidy Percent  |   | Subsidy Amount                           | P11              | 93                            | 999999999   | Round to whole number.          | If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 18 for subsidy calculations.   |
|  |   | Subsidy Percent                          | ADM              |                               | 9.999   | None                            | Edit with ADM Subsidy Percent, "A00070".  |
| Producer Premium<br>Amount                               | = Total Premium Amount - Subsidy Amount   | Producer Premium Amount                  | P11              | 94                            | 999999999   | Round to whole number.          |   |
| APH Yield Trend (Trend Ac<br>Loss (Option 'QL'), and Yie | djustment Option 'TA'), Yield Cup (Option 'YC'), Quality<br>ld Exclusion (Option 'YE')            |  |                  |                               |   |                                 | Trend Adjustment Option (TA), Yield Cup<br>Option (YC), Quality Loss Option (QL), and<br>Yield Exclusion Option (YE) ONLY available in<br>select counties for selected crops. See "white<br>papers" for examples. |
| Section 13: Effective Cover                              | rage Level Calculation  |  |                  |                               |   |                                 |   |
| When Commodity Code ed                                   | quals Dry Beans "0047" and Type Code equals Contract "62  |  | Dry Peas "       | 0067" and                     | Type Code equals Spring                               | Contract "98":                  |   |
|  |   | Effective Coverage Level<br>Percent      | Internal         |                               | 99.9999   | Round to 2 decimals.            |   |
|  |   | Coverage Level Percent                   | P14              | 34                            | 9.9999  | None                            |   |
| Effective Coverage Level<br>Percent                      | = Coverage Level Percent * Round(Approved Yield * Contract Price,0) / Adjusted Yield              | Approved Yield                           | P11              | 42                            | 9999999.99  | None                            | For APH Trend, Yield Cup, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated Approved Yield and the Adjusted Yield.  |
|  |   | Contract Price                           | P11              | 46                            | 9999.9999   | None                            |   |
|  |   | Adjusted Yield                           | P15              | 44                            | 99999999.99   | None                            |   |

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2022

|                                     |  | Record Code: P11 Release Date            |                  |                               | Version: Draft Release Date: 5/22/2025                |  |  |  |  |
|-------------------------------------|--|--|------------------|-------------------------------|---|--|--|--|--|
| Insurance Plan Code                 | 01 Yield Protection                                      |  |                  |                               |   | 03 Revenue Protection with Harvest Price Exclusion |  |  |  |
| Commodity Code                      | 0011 Wheat<br>0015 Canola<br>0018 Rice                   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |  | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |  |  |
|                                     | <u>Calculations</u>                                      | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br>Rounding                           | Rules  |  |  |
| For all others:                     |  |  |                  |                               |   |  |  |  |  |
|                                     |  | Effective Coverage Level Percent         | Internal         |                               | 99.9999   | Rounded to 2 decimals.                             |  |  |  |
|                                     |  | Coverage Level Percent                   | P14              | 34                            | 9.9999  | None   |  |  |  |
| Effective Coverage Level<br>Percent | = Coverage Level Percent * Approved Yield/Adjusted Yield | Approved Yield                           | P11              | 42                            | 9999999.99  | None   | For APH Trend, Yield Cup, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield.  For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) |  |  |
|                                     |  | Adjusted Yield                           | P15              | 44                            | 99999999.99   | None   | applied.  For skip row commodities, the adjusted yield the converted adjusted yield from the P15 record with skip row (yield conversion factor applied.  |  |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2022 Version: Draft

|                            | Record Name:<br>Record Code:   | =   |                  |                               | Release Date  |                                 |  |
|----------------------------|--|---|------------------|-------------------------------|---|---------------------------------|--|
| Insurance Plan Code        | 01 Yield Protection  | 02 Revenue Protection                                   |                  |                               |   | 03 Revenue Protectio            | n with Harvest Price Exclusion   |
| Commodity Code             | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn                |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |
|                            | Calculations   | <u>Field</u><br><u>Name</u>                             | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>   |
| Section 14: Rate Different |  |   |                  |                               |   |                                 | When Trend Adjustment Option (TA) was chosen and yield reflects a trend or when Yield Cup Option (YC) was chosen or when Quality Loss Option (QL) was chosen or when Yield Exclusion Option (YE) was chosen.   |
| When the Insurance Option  | on Code List contains Options "QL", "YE" or "YC":  |   |                  |                               |   |                                 |  |
|                            |  | Rate Differential Factor  Base Rate Differential Factor | ADM              |                               | 9.99999999  | Round to 9 decimals.  None      | Base Rate Differential Factor is equal to Rate Differential for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  |
| Rate Differential Factor   | (1+ (ROUND (MIN ( ( ( MAX (0.85,Effective Coverage Level Percent) -0.85) / 0.15) ,1)³,7)) * 0.05) * (Round(Base Rate Differential Factor + (Upper Bound Rate Differential Factor - Lower Bound Rate Differential Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 9)) |   | ADM              |                               | 9.99999999  | None                            | Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level.  If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level.  If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level. |

Level Percent

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM

Coverage Level.

| Insurance Plan Code | 01 Yield Protection   | 02 Revenue Protection                    |                  |                 |   | 03 Revenue Protec               | tion with Harvest Price Exclusion  |
|---------------------|---|--|------------------|-----------------|---|---------------------------------|--|
| Commodity Code      | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                 | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans   |
|                     | <u>Calculations</u>   | <u>Field</u><br><u>Name</u>              | Record<br>Number | Field<br>Number | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | 0091 Barley  Rules   |
|                     | (1+ (ROUND (MIN ( ( ( MAX (0.85,Effective Coverage<br>Level Percent) -0.85) / 0.15) ,1) <sup>3</sup> ,7)) * 0.05) * (Round(Base | Lower Bound Rate<br>Differential Factor  | ADM              |                 | 9.99999999  | None                            | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equa an existing ADM Coverage Level then this wi be based on the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels ther this will be based on the lower ADM Coverag Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level. |
|                     | = Rate Differential Factor + (Upper Bound Rate Differential Factor - Lower Bound Rate Differential Factor) * (Effective         | Effective Coverage Level                 | Internal         |                 | 99.9999   | None                            |  |
|                     | Coverage Level Percent - Floored Effective Coverage Leve<br>Percent) * 20, 9))  | Floored Effective Coverage Level Percent | Internal         |                 | 99.9999   | None                            | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level Percent equa an existing ADM Coverage Level then this wibe the Effective Coverage Level Percent.  If the Effective Coverage Level Percent falls   |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection | 02 Revenue Protection | 03 Reve            | enue Protection with Harvest Price Exclusion |
|---------------------|---------------------|-----------------------|--------------------|--|
|                     | 0011 Wheat          | 0021 Cotton           | 0047 Dry Beans     | 0075 Peanuts                                 |
| Commodity Code      | 0015 Canola         | 0041 Corn             | 0051 Grain Sorghum | 0078 Sunflowers                              |
|                     | 0018 Rice           | 0043 Popcorn          | 0067 Dry Peas      | 0081 Soybeans                                |
|                     |                     |                       |                    | 0091 Barley                                  |

|  | et . 1.1   |               | E1.1.1       | et da         | et . 1.1             | 0031 Barrey   |
|--|--|---------------|--------------|---------------|----------------------|---|
| Auto Luto o  | <u>Field</u>                                       | Record        | <u>Field</u> | <u>Field</u>  | <u>Field</u>         | D. L.   |
| <u>Calculations</u>  | <u>Name</u>  | <u>Number</u> | Number       | <u>Format</u> | Rounding             | <u>Rules</u>  |
|  | Prior Year Rate Differential Factor                | Internal      |              | 9.99999999    | Round to 9 decimals. |   |
|  | Base Prior Year Rate<br>Differential Factor        | ADM           |              | 9.999999999   | None                 | Base Prior Year Rate Differential Factor is equal to Prior Year Rate Differential for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".   |
| Prior Year Rate Differential Factor  Prior Year Rate Differential Factor  Prior Year Rate Differential Factor - Lower Bound Prior Year Rate Differential Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent)  * 20, 9) | Upper Bound Prior Year Rate<br>Differential Factor | ADM           |              | 9.99999999    | None                 | Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

Coverage Level.

| Record Code: P11 Release Date: 5/22/2025 |  |  |                  |                               |   |                          |  |  |
|--|--|--|------------------|-------------------------------|---|--------------------------|--|--|
| Insurance Plan Code                      | 01 Yield Protection  | 02 Revenue Protection                              |                  |                               |   | 03 Revenue Protec        | tion with Harvest Price Exclusion  |  |
| Commodity Code                           | 0011 Wheat<br>0015 Canola<br>0018 Rice                             | 0021 Cotton<br>0041 Corn<br>0043 Popcorn           |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                          | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |  |
|  | Calculations   | <u>Field</u><br><u>Name</u>                        | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br>Rounding | Rules  |  |
|  | Round(Base Prior Year Rate Differential Factor + (Upper            | Lower Bound Prior Year Rate<br>Differential Factor | ADM              |                               | 9.999999999   | None                     | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will based on lower ADM Coverage Level. If the Effective Coverage Level is greater that the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level. |  |
|  | = Prior Year Rate Differential Factor) * (Effective Coverage       | Effective Coverage Level<br>Percent                | Internal         |                               | 99.9999   | None                     |  |  |
| (continued)                              | Level Percent - Floored Effective Coverage Level Percent) * 20, 9) | Floored Effective Coverage<br>Level Percent        | Internal         |                               | 99.9999   | None                     | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level Percent equ an existing ADM Coverage Level then this v be the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels the this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM                    |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2022 Version: Draft

|                          | Record Na<br>Record Co  | me: Acreage<br>vde: P11                  |                  |                               | sion: Draft<br>Date: 5/22/2025                        |                                 |   |
|--------------------------|---|--|------------------|-------------------------------|---|---------------------------------|---|
| Insurance Plan Code      | 01 Yield Protection   | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protectio            | on with Harvest Price Exclusion   |
| Commodity Code           | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|                          | Calculations  | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | Rules   |
| When Trend Adjustment    | Option "TA" is elected alone (excludes "YC" and "YE")   |  |                  |                               |   |                                 |   |
|                          |   | Rate Differential Factor                 | Internal         |                               | 9.99999999  | Round to 9 decimals.            |   |
|                          |   | Base Rate Differential Factor            | ADM              |                               | 9.99999999  | None                            | Base Rate Differential Factor is equal to Rate Differential for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".   |
| Rate Differential Factor | Round(Base Rate Differential Factor + (Upper Bound R. = Differential Factor - Lower Bound Rate Differential Factor * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 9) |  | ADM              |                               | 9.99999999  | None                            | Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.                                       |
|                          |   | Lower Bound Rate<br>Differential Factor  | ADM              |                               | 9.99999999  | None                            | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection | 02 Revenue Protection | 03 Revenue Prof    | ection with Harvest Price Exclusion |
|---------------------|---------------------|-----------------------|--------------------|-------------------------------------|
|                     | 0011 Wheat          | 0021 Cotton           | 0047 Dry Beans     | 0075 Peanuts                        |
| Commodity Code      | 0015 Canola         | 0041 Corn             | 0051 Grain Sorghum | 0078 Sunflowers                     |
|                     | 0018 Rice           | 0043 Popcorn          | 0067 Dry Peas      | 0081 Soybeans                       |
|                     |                     |                       |                    | 0091 Barley                         |

| <u>Calculations</u>   | <u>Field</u><br><u>Name</u>         | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br>Rounding | <u>Rules</u>   |
|---|-------------------------------------|------------------|-------------------------------|-------------------------------|--------------------------|--|
|   | Effective Coverage Level<br>Percent | Internal         |                               | 99.9999                       | None                     |  |
| Round(Base Rate Differential Factor + (Upper Bound Rate Rate Differential Factor = Differential Factor - Lower Bound Rate Differential Factor) (continued) = * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 9) |                                     | Internal         |                               | 99.9999                       | None                     | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent.  If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level.  If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection | 02 Revenue Protection | 03 Reve            | enue Protection with Harvest Price Exclusion |
|---------------------|---------------------|-----------------------|--------------------|--|
|                     | 0011 Wheat          | 0021 Cotton           | 0047 Dry Beans     | 0075 Peanuts                                 |
| Commodity Code      | 0015 Canola         | 0041 Corn             | 0051 Grain Sorghum | 0078 Sunflowers                              |
|                     | 0018 Rice           | 0043 Popcorn          | 0067 Dry Peas      | 0081 Soybeans                                |
|                     |                     |                       |                    | 0091 Barley                                  |

| <u>Calculations</u>  | <u>Field</u><br><u>Name</u>                        | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>  |
|--|--|------------------|-------------------------------|-------------------------------|---------------------------------|---|
|  | Prior Year Rate Differential Factor                | Internal         |                               | 9.99999999                    | Round to 9 decimals.            |   |
|  | Base Prior Year Rate<br>Differential Factor        | ADM              |                               | 9.99999999                    | None                            | Base Prior Year Rate Differential Factor is equal to Prior Year Rate Differential for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".   |
| Prior Year Rate Differential Factor  Prior Year Rate Differential Factor  Prior Year Rate Differential Factor - Lower Bound Prior Year Rate Differ | Upper Bound Prior Year Rate<br>Differential Factor | ADM              |                               | 9.99999999                    | None                            | Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection | 02 Revenue Protection |        |       |                    |       | on with Harvest Price Exclusion |
|---------------------|---------------------|-----------------------|--------|-------|--------------------|-------|---------------------------------|
|                     | 0011 Wheat          | 0021 Cotton           |        |       | 0047 Dry Beans     |       | 0075 Peanuts                    |
| Commodity Code      | 0015 Canola         | 0041 Corn             |        |       | 0051 Grain Sorghum |       | 0078 Sunflowers                 |
|                     | 0018 Rice           | 0043 Popcorn          |        |       | 0067 Dry Peas      |       | 0081 Soybeans                   |
|                     |                     |                       |        |       |                    |       | 0091 Barley                     |
|                     |                     | Field                 | Record | Field | Field              | Field |                                 |

| <u>Calculations</u>   | <u>Field</u><br><u>Name</u>                        | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br><u>Rounding</u> | Rules   |
|---|--|------------------|-------------------------------|-------------------------------|---------------------------------|---|
| Round(Base Prior Year Rate Differential Factor + (Upper   | Lower Bound Prior Year Rate<br>Differential Factor | ADM              |                               | 9.99999999                    | None                            | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level. |
| Prior Year Rate Bound Prior Year Rate Differential Factor - Lower Bound<br>Differential Factor = Prior Year Rate Differential Factor) * (Effective Coverage | Effective Coverage Level<br>Percent                | Internal         |                               | 99.9999                       | None                            |   |
| (continued) Level Percent - Floored Effective Coverage Level Percent)  * 20, 9)   | Floored Effective Coverage<br>Level Percent        | Internal         |                               | 99.9999                       | None                            | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.  |

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2022

|                           | Record   | d Name: Acreage<br>rd Code: P11          |                  |                        | Versior<br>Release Date                               |                          |   |
|---------------------------|--|--|------------------|------------------------|---|--------------------------|---|
| Insurance Plan Code       | 01 Yield Protection  | 02 Revenue Protection                    |                  |                        |   | 03 Revenue Protectio     | on with Harvest Price Exclusion   |
| Commodity Code            | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn | Pocord           |                        | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | Field                    | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|                           | <u>Calculations</u>  | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br>Rounding | <u>Rules</u>  |
| Section 15: Unit Residual |  |  |                  |                        |   |                          | The lookup/interpolation/extrapolation procedure for 'Unit Residual Factor and Prior Unit Residual Factor' when Trend Adjustment Option (TA) was chosen and yield reflects a trend or when Yield Cup Option was chosen or when Quality Loss Option (QL) was chosen or when Yield Exclusion Option (YE) was chosen.  |
| When Unit Structure Cod   | e is equal to Optional Unit, "OU", "UA", "UD", or Ba   | asic Unit, "BU", use the following calc  | ulations for     | Unit Resid             | ual Factor and Prior Year                             | Unit Residual Factor:    | The second of sub- Revita 15 at a sixth   |
|                           |  | Unit Residual Factor                     | Internal         |                        | 999.999   | Round to 3 decimals.     | The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure regardless of Coverage Type Code where applicable (Buyup/CAT).   |
|                           |  | Base Unit Residual Factor                | ADM              |                        | 999.999   | None                     | Base Unit Residual Factor is equal to Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Leve Differential, "A01040".  |
| Unit Residual Factor      | Round(Base Unit Residual Factor + (Upper Bound I)  Residual Factor - Lower Bound Unit Residual Factor (Effective Coverage Level Percent - Floored Effecti Coverage Level Percent) * 20, 3) | or) *                                    | ADM              |                        | 999.999   | None                     | Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

(continued) (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) \* 20, 3)

Reinsurance Year: 2022 Version: Draft

99.9999

None

Release Date: 5/22/2025

Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential,

If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent.

If the Effective Coverage Level Percent falls

between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM

"A01040".

Coverage Level.

|                      | Necord Code. 111   |  |                        | Neleuse Bute. St. 21 2023                             |                          |  |  |  |
|----------------------|--|--|------------------------|---|--------------------------|--|--|--|
| Insurance Plan Code  | 01 Yield Protection  | 02 Revenue Protection                    |                        |   | 03 Revenue Protec        | tion with Harvest Price Exclusion  |  |  |
| Commodity Code       | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                        | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                          | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |  |  |
|                      | Calculations   | <u>Field</u><br><u>Name</u>              | Record Fiel Number Num | —·  | <u>Field</u><br>Rounding | <u>Rules</u>   |  |  |
|                      |  | Lower Bound Unit Residual<br>Factor      | ADM                    | 999.999   | None                     | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will based on the lower ADM Coverage Level. If the Effective Coverage Level is greater that the maximum ADM Coverage Level then thi will be based on the second highest ADM Coverage Level. |  |  |
| Unit Residual Factor | Round(Base Unit Residual Factor + (Upper Bound Unit = Residual Factor - Lower Bound Unit Residual Factor) *  (Effective Coverage Lovel Percent - Floored Effective Coverage Lovel Percent - Floored Effective Coverage Lovel Percent - Floored Effective - Floored Effecti | Effective Coverage Level<br>Percent      | Internal               | 99.9999   | None                     |  |  |  |

Internal

Floored Effective Coverage

Level Percent

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

Insurance Plan Code 01 Yield Protection 03 Revenue Protection with Harvest Price Exclusion 02 Revenue Protection 0047 Dry Beans 0075 Peanuts

0011 Wheat 0021 Cotton **Commodity Code** 0015 Canola 0041 Corn 0018 Rice 0043 Popcorn

0051 Grain Sorghum 0078 Sunflowers 0067 Dry Peas 0081 Soybeans

| ooto nice  | оочэ горсоги                                   | ooo7 biy i eas   |                               |                               | 0091 Barley                     |   |  |
|--|--|------------------|-------------------------------|-------------------------------|---------------------------------|---|--|
| <u>Calculations</u>  | <u>Field</u><br><u>Name</u>                    | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>  |  |
| Round(Base Prior Year Unit Residual Factor + (Upper  | Prior Year Unit Residual<br>Factor             | Internal         |                               | 999.999                       | Round to 3 decimals.            | The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure  |  |
|  | Base Prior Year Unit Residual<br>Factor        | ADM              |                               | 999.999                       | None                            | Base Prior Year Unit Residual Factor is equal to Prior Year Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".   |  |
| Prior Year Unit Residual Factor  Bound Prior Year Unit Residual Factor - Lower Bound Prior Year Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 3) | Upper Bound Prior Year Unit<br>Residual Factor | ADM              |                               | 999.999                       | None                            | Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level. |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

Insurance Plan Code 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers 0081 Soybeans 0043 Popcorn 0067 Dry Peas 0018 Rice 0091 Barley

| <u>Calculations</u>  | <u>Field</u><br><u>Name</u>                    | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br>Rounding | Rules  |
|--|--|------------------|-------------------------------|-------------------------------|--------------------------|--|
|  | Lower Bound Prior Year Unit<br>Residual Factor | ADM              |                               | 999.999                       | None                     | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level.  If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on lower ADM Coverage Level.  If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.               |
| Prior Year Unit Residual Bound Prior Year Unit Residual Factor - Lower Bound Prior Factor = Year Unit Residual Factor) * (Effective Coverage Level | Effective Coverage Level<br>Percent            | Internal         |                               | 99.9999                       | None                     |  |
|  | Floored Effective Coverage<br>Level Percent    | Internal         |                               | 99.9999                       | None                     | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level.  If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Levels then this will be the lower ADM Coverage Level.  If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2022 Version: Draft

|                                    |  | Record Name: Acreage<br>Record Code: P11       |                  | Version: Draft Release Date: 5/22/2025 |   |                                 |  |  |
|------------------------------------|--|--|------------------|--|---|---------------------------------|--|--|
| Insurance Plan Code                | 01 Yield Protection  | 02 Revenue Protection                          |                  |  |   | 03 Revenue Protectio            | n with Harvest Price Exclusion   |  |
| Commodity Code                     | 0011 Wheat<br>0015 Canola<br>0018 Rice                         | 0021 Cotton<br>0041 Corn<br>0043 Popcorn       |                  |  | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |  |
|                                    | Calculations   | <u>Field</u><br><u>Name</u>                    | Record<br>Number | <u>Field</u><br><u>Number</u>          | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>   |  |
| hen Unit Structure Cod             | e is equal to Enterprise Unit, 'EU', use the following calcula | tions for Enterprise Unit Residu               | ual Factor a     | and Prior \                            | ear Enterprise Unit Resi                              | dual Factor:                    |  |  |
|                                    |  | Enterprise Unit Residual<br>Factor             | Internal         |  | 999.999   | Round to 3 decimals.            | The cap value for the Residual Factors is th<br>MAX(Residual Factor) from all coverage le<br>within the chosen unit structure  |  |
|                                    |  | Base Enterprise Unit Residual<br>Factor        | ADM              |  | 999.999   | None                            | Base Enterprise Unit Residual Factor is equal to Enterprise Unit Residual for Minimum of Maximum available Coverage Level or; 2) available Coverage Level less than or equal Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  |  |
| Enterprise Unit Residual<br>Factor | = Enterprise Unit Residual Factor) * (Effective Coverage       | Upper Bound Enterprise Unit<br>Residual Factor | ADM              |  | 999.999   | None                            | Based on the 'upper bound' Coverage Leve Edit with ADM Coverage Level Differential "A01040".  If the Effective Coverage Level Percent equan existing ADM Coverage Level then this be based on the Effective Coverage Level Percent.  If the Effective Coverage Level Percent fall between existing ADM Coverage Levels this will be based on the higher ADM Coverage Level.  If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be based on the higher ADM Coverage Level then this will be based on the higher ADM Coverage Level. |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection                    | 02 Revenue Protection                    |        |       |   | 03 Revenue Protectio | n with Harvest Price Exclusion                   |
|---------------------|--|--|--------|-------|---|----------------------|--|
| Commodity Code      | 0011 Wheat<br>0015 Canola<br>0018 Rice | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |        |       | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                      | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans |
|                     |  | •  |        |       | •   |                      | 0091 Barley                                      |
|                     |  | <u>Field</u>                             | Record | Field | <u>Field</u>  | <u>Field</u>         |  |

| <u>Calculations</u>   | <u>Field</u><br><u>Name</u>                    | <u>Number</u> | <u>Field</u><br>Number | <u>Field</u><br><u>Format</u> | Field<br>Rounding | <u>Rules</u>  |
|---|--|---------------|------------------------|-------------------------------|-------------------|---|
| Round(Base Enterprise Unit Residual Factor + (Upper   | Lower Bound Enterprise Unit<br>Residual Factor | ADM           |                        | 999.999                       | None              | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level. |
| Enterprise Unit Residual Bound Enterprise Unit Residual Factor - Lower Bound<br>Factor = Enterprise Unit Residual Factor) * (Effective Coverage | Effective Coverage Level<br>Percent            | Internal      |                        | 99.9999                       | None              |   |
| (continued) Level Percent - Floored Effective Coverage Level Percent)  * 20, 3)   | Floored Effective Coverage<br>Level Percent    | Internal      |                        | 99.9999                       | None              | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent.  If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.     |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

**Residual Factor** 

(Effective Coverage Level Percent - Floored Effective

Coverage Level Percent) \* 20, 3)

Reinsurance Year: 2022 Version: Draft

999.999

None

Release Date: 5/22/2025

Edit with ADM Coverage Level Differential,

If the Effective Coverage Level equals an existing ADM Coverage Level then this will be

based on the Effective Coverage Level.

If the Effective Coverage Level falls between

existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage

"A01040".

Level.

|                            | Record Code   | . P11  |                  |                               | Release Date                         | 5/22/2025                       |   |
|----------------------------|---|--|------------------|-------------------------------|--------------------------------------|---------------------------------|---|
| Insurance Plan Code        | 01 Yield Protection   | 02 Revenue Protection                              |                  |                               |                                      | 03 Revenue Protectio            | n with Harvest Price Exclusion  |
| Commodity Code             | 0011 Wheat<br>0015 Canola                                   | 0021 Cotton<br>0041 Corn                           |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum |                                 | 0075 Peanuts<br>0078 Sunflowers   |
|                            | 0018 Rice   | 0043 Popcorn                                       |                  |                               | 0067 Dry Peas                        |                                 | 0081 Soybeans<br>0091 Barley  |
|                            | Calculations  | <u>Field</u><br><u>Name</u>                        | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>        | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>  |
|                            |   | Prior Year Enterprise Unit<br>Residual Factor      | Internal         |                               | 999.999                              | Round to 3 decimals.            | The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure  |
|                            | Round(Base Enterprise Prior Year Unit Residual Factor +     | Base Enterprise Prior Year<br>Unit Residual Factor | ADM              |                               | 999.999                              | None                            | Base Enterprise Prior Year Unit Residual Factoris equal to Enterprise Prior Year Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level Edit with ADM Coverage Level Differential, "A01040". |
| Prior Year Enterprise Unit | = Lower Bound Prior Year Enterprise Unit Residual Factor) * |  |                  |                               |                                      |                                 | Based on the 'upper bound' Coverage Level.  |

ADM

Upper Bound Prior Year

Enterprise Unit Residual

Factor

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection | 02 Revenue Protection |               |              |                    | 03 Revenue Protection | n with Harvest Price Exclusion |
|---------------------|---------------------|-----------------------|---------------|--------------|--------------------|-----------------------|--------------------------------|
|                     | 0011 Wheat          | 0021 Cotton           |               |              | 0047 Dry Beans     |                       | 0075 Peanuts                   |
| Commodity Code      | 0015 Canola         | 0041 Corn             |               |              | 0051 Grain Sorghum |                       | 0078 Sunflowers                |
|                     | 0018 Rice           | 0043 Popcorn          |               |              | 0067 Dry Peas      |                       | 0081 Soybeans                  |
|                     |                     |                       |               |              |                    |                       | 0091 Barley                    |
|                     |                     | <u>Field</u>          | Record        | <u>Field</u> | <u>Field</u>       | <u>Field</u>          |                                |
|                     | <u>Calculations</u> | <u>Name</u>           | <u>Number</u> | Number       | <u>Format</u>      | <u>Rounding</u>       | <u>Rules</u>                   |
|                     |                     |                       |               |              |                    |                       |                                |

|   | <u>Field</u>   | Record        | Field         | <u>Field</u>  | <u>Field</u>    |   |
|---|--|---------------|---------------|---------------|-----------------|---|
| <u>Calculations</u>   | <u>Name</u>  | <u>Number</u> | <u>Number</u> | <u>Format</u> | <u>Rounding</u> | <u>Rules</u>  |
| Round(Base Enterprise Prior Year Unit Residual Factor +<br>Prior Year Enterprise Unit (Upper Bound Prior Year Enterprise Unit Residual Factor - | Lower Bound Prior Year<br>Enterprise Unit Residual<br>Factor | ADM           |               | 999.999       | None            | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level. |
| Residual Factor = Lower Bound Prior Year Enterprise Unit Residual Factor) *   | Effective Coverage Level Percent                             | Internal      |               | 99.9999       | None            |   |
| (continued) (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 3)  | Floored Effective Coverage<br>Level Percent                  | Internal      |               | 99.9999       | None            | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Levels.  If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.   |

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2022 Version: Draft

|                       | Record Name:<br>Record Code:                               | •  |                  |                               |   | Draft<br>:: 5/22/2025           |  |
|-----------------------|--|--|------------------|-------------------------------|---|---------------------------------|--|
| nsurance Plan Code    | 01 Yield Protection  | 02 Revenue Protection                          |                  |                               |   | 03 Revenue Protectio            | on with Harvest Price Exclusion  |
| Commodity Code        | 0011 Wheat<br>0015 Canola<br>0018 Rice                     | 0021 Cotton<br>0041 Corn<br>0043 Popcorn       |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |
|                       | Calculations   | <u>Field</u><br><u>Name</u>                    | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | Rules  |
| n Unit Structure Code | is equal to Whole Farm Unit, 'WU', use the following calcu | ulations for Whole Farm Unit                   | Residual Fac     | ctor and Pr                   | ior Year Whole Farm Un                                | it Residual Factor:             |  |
|                       |  | Whole Farm Unit Residual<br>Factor             | Internal         |                               | 999.999   | Round to 3 decimals.            | The cap value for the Residual Factors is MAX(Residual Factor) from all coverage within the chosen unit structure  |
|                       | Round(Base Whole Farm Unit Residual Factor + (Upper        | Base Whole Farm Unit<br>Residual Factor        | ADM              |                               | 999.999   | None                            | Base Whole Farm Unit Residual Factor is to Whole Farm Unit Residual for Minimu 1) Maximum available Coverage Level or available Coverage Level less than or equ Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".   |
| Whole Farm Unit       |  | Upper Bound Whole Farm<br>Unit Residual Factor | ADM              |                               | 999.999   | None                            | Based on the 'upper bound' Coverage Leve Edit with ADM Coverage Level Differentia "A01040".  If the Effective Coverage Level Percent ed an existing ADM Coverage Level then this be based on the Effective Coverage Level Percent.  If the Effective Coverage Level Percent fabetween existing ADM Coverage Levels this will be based on the higher ADM Coverage Level.  If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be based on the higher ADM Coverage Level then this will be based on the higher ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

| Insurance Plan Code                               | 01 Yield Protection                                      | 02 Revenue Protection                          |                  |                        |   | 03 Revenue Protec               | tion with Harvest Price Exclusion   |
|---|--|--|------------------|------------------------|---|---------------------------------|---|
| Commodity Code                                    | 0011 Wheat<br>0015 Canola<br>0018 Rice                   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn       |                  |                        | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|   | <u>Calculations</u>                                      | <u>Field</u><br><u>Name</u>                    | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | Rules   |
|   | Round(Base Whole Farm Unit Residual Factor + (Upper      | Lower Bound Whole Farm<br>Unit Residual Factor | ADM              |                        | 999.999   | None                            | Based on the 'lower bound' Coverage Leve Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will based on the Effective Coverage Level.  If the Effective Coverage Level falls betwee existing ADM Coverage Levels then this will based on the lower ADM Coverage Level.  If the Effective Coverage Level is greater the maximum ADM Coverage Level then the will be based on the second highest ADM Coverage Level. |
| Whole Farm Unit<br>Residual Factor<br>(continued) | = Whole Farm Unit Residual Factor) * (Effective Coverage | Effective Coverage Level<br>Percent            | Internal         |                        | 99.9999   | None                            |   |
| (continued)                                       | * 20, 3)   | Floored Effective Coverage                     | Internal         |                        | 99.9999   | None                            | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level Percent equan existing ADM Coverage Level then this be the Effective Coverage Level Percent. If the Effective Coverage Level Percent fall  |

Level Percent

between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM

Coverage Level.

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022

Version: Draft
Release Date: 5/22/2025

Insurance Plan Code 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion

 Commodity Code
 0011 Wheat
 0021 Cotton
 0047 Dry Beans
 0075 Peanuts

 Commodity Code
 0015 Canola
 0041 Corn
 0051 Grain Sorghum
 0078 Sunflowers

 0018 Rice
 0043 Popcorn
 0067 Dry Peas
 0081 Soybeans

 0091 Barley

|   |   |                  |                        |                               |                          | 0031 Barrey   |
|---|---|------------------|------------------------|-------------------------------|--------------------------|---|
| <u>Calculations</u>                     | <u>Field</u><br><u>Name</u>                   | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br><u>Format</u> | <u>Field</u><br>Rounding | <u>Rules</u>  |
|   | Prior Year Whole Farm Unit<br>Residual Factor | Internal         |                        | 999.999                       | Round to 3 decimals.     | The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure  |
| , |   | ADM              |                        | 999.999                       | None                     | Base Whole Farm Base Prior Year Unit Residual Factor is equal to Whole Farm Base Prior Year Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

| Insurance Plan Code | 01 Yield Protection                    | 02 Revenue Protection                    |        |              |   | 03 Revenue Protectio | n with Harvest Price Exclusion                   |
|---------------------|--|--|--------|--------------|---|----------------------|--|
| Commodity Code      | 0011 Wheat<br>0015 Canola<br>0018 Rice | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |        |              | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                      | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans |
|                     | 0018 Nice                              | Field_                                   | Record | <u>Field</u> | Field   |                      | 0091 Barley                                      |
|                     | 0018 NICE                              | · .                                      | Record |              |   |                      | '  |

| <u>Calculations</u>                                     | <u>Field</u><br><u>Name</u>                                  | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br><u>Format</u> | <u>Field</u><br>Rounding | Rules   |
|---|--|------------------|------------------------|-------------------------------|--------------------------|---|
| Round/Rase Whole Farm Prior Year Unit Residual Factor + | Upper Bound Prior Year<br>Whole Farm Unit Residual<br>Factor | ADM              |                        | 999.999                       | None                     | Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.   |
|   | Lower Bound Prior Year<br>Whole Farm Unit Residual<br>Factor | ADM              |                        | 999.999                       | None                     | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level. |
|   | Effective Coverage Level<br>Percent                          | Internal         |                        | 99.9999                       | None                     |   |

Exhibit Number: P11-1, Plan 01, 02, 03

Level Percent

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022

99.9999

Version: Draft
Release Date: 5/22/2025

None

| Insurance Plan Code | 01 Yield Protection                    | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protection    | on with Harvest Price Exclusion  |
|---------------------|--|--|------------------|-------------------------------|---|--------------------------|--|
| Commodity Code      | 0011 Wheat<br>0015 Canola<br>0018 Rice | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                          | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |
|                     | <u>Calculations</u>                    | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br>Rounding | Rules  |
|                     |  |  |                  |                               |   |                          | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an |

Internal

Section 15: Unit Discount Calculation

Prior Year Whole Farm

Unit Residual Factor =

(continued)

The lookup/interpolation/extrapolation procedure for 'Optional Unit Discount Factor, Basic Unit Discount Factor, and Enterprise Unit Discount Factor' when Trend Adjustment Option (TA), Yield Cup Option (YC), Quality Loss Option (QL), or Yield Exclusion Option (YE) was chosen and yield reflects a trend.

existing ADM Coverage Level then this will be

If the Effective Coverage Level falls between

existing ADM Coverage Levels then this will be

If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

the Effective Coverage Level.

the lower ADM Coverage Level.

When Unit Structure Code is equal to Optional Unit, "OU", "UA", or "UD", use the following calculation for Unit Structure Discount Factor:

(Upper Bound Prior Year Whole Farm Unit Residual Factor | Floored Effective Coverage

Round(Base Whole Farm Prior Year Unit Residual Factor +

- Lower Bound Prior Year Whole Farm Unit Residual

Factor) \* (Effective Coverage Level Percent - Floored

Effective Coverage Level Percent) \* 20, 3)

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

|                     | Record Code:   | 111  |                  |                               | Neieuse But   | 5/22/2025                       |   |
|---------------------|--|--|------------------|-------------------------------|---|---------------------------------|---|
| Insurance Plan Code | 01 Yield Protection  | 02 Revenue Protection  |                  |                               |   | 03 Revenue Protection           | on with Harvest Price Exclusion   |
| Commodity Code      | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn                               |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|                     | Calculations   | <u>Field</u><br><u>Name</u>  | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | <u>Rules</u>  |
|                     |  | Unit Structure Discount Factor   | Internal         |                               | 9.99999999  | Round to 4 decimals.            | Capped at 1.0.  |
|                     |  | Base Coverage Level Percent<br>Optional Unit Discount Factor           | ADM              |                               | 9.99999999  | None                            | Base Coverage Level Percent Optional Un Discount Factor is equal to Percent Option Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equin Effective Coverage Level. Edit with ADM Coverage Level Differential Unit Discount "A01040 A01090".  |
|                     | Round(Base Coverage Level Percent Optional Unit Discount Factor + (Upper Bound Coverage Level Percent Optional Unit Discount Factor - Lower Bound Coverage Level Percent Optional Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4) | Upper Bound Coverage Level<br>Percent Optional Unit<br>Discount Factor | ADM              |                               | 9.99999999  | None                            | Based on the 'upper bound' Coverage Leve Edit with ADM Coverage Level Differentian Discount, "A01040 A01090".  If the Effective Coverage Level equals an existing ADM Coverage Level then this with based on the Effective Coverage Level. If the Effective Coverage Level falls betwee xisting ADM Coverage Levels then this with based on the higher ADM Coverage Level if the Effective Coverage Level is greater than the Effective Coverage Level is greater than the maximum ADM Coverage Level then the will be based on the highest ADM Coverage Level. |
|                     |  | Lower Bound Coverage Level<br>Percent Optional Unit<br>Discount Factor | ADM              |                               | 9.99999999  | None                            | Based on the 'lower bound' Coverage Leve Edit with ADM Coverage Level Differentian Discount, "A01040 A01090".  If the Effective Coverage Level equals an existing ADM Coverage Level then this we based on the Effective Coverage Level. If the Effective Coverage Level falls betwee existing ADM Coverage Levels then this we based on the lower ADM Coverage Level. If the Effective Coverage Level is greater the maximum ADM Coverage Level then will be based on the second highest ADM Coverage Level.   |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

| Insurance Plan Code | 01 Yield Protection | 02 Revenue Protection | 03 Revenue Protection with Harvest Price Exclusion |
|---------------------|---------------------|-----------------------|--|
|                     |                     |                       |  |

 Commodity Code
 0011 Wheat
 0021 Cotton
 0047 Dry Beans
 0075 Peanuts

 Commodity Code
 0015 Canola
 0041 Corn
 0051 Grain Sorghum
 0078 Sunflowers

 0018 Rice
 0043 Popcorn
 0067 Dry Peas
 0091 Barley

| <u>Calculations</u> | <u>Field</u><br><u>Name</u>                 | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br>Rounding | 0091 Barley Rules  |
|---------------------|---|------------------|-------------------------------|-------------------------------|--------------------------|--|
|                     | Effective Coverage Level<br>Percent         | Internal         |                               | 99.9999                       | None                     |  |
| Factor = '          | Floored Effective Coverage<br>Level Percent | Internal         |                               | 99.9999                       | None                     | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level.  If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level.  If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2022 Version: Draft

|                         |   | Name: Acreage<br>Code: P11  |          |                       | Version<br>Release Date             |   |   |
|-------------------------|---|---|----------|-----------------------|-------------------------------------|---|---|
| Insurance Plan Code     | 01 Yield Protection   | 02 Revenue Protection   |          |                       |                                     | 03 Revenue Protectio  | on with Harvest Price Exclusion   |
| Commodity Code          | 0011 Wheat<br>0015 Canola<br>0018 Rice  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn                            |          |                       | ry Beans<br>rain Sorghum<br>ry Peas |   | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|                         | <u>Calculations</u>   | <u>Field</u><br>Name  |          | <u>Field</u><br>umber | <u>Field</u><br>Format              | <u>Field</u><br>Rounding  | Rules   |
| When Unit Structure Cod | e is equal to Basic Unit, 'BU', use the following calcula   | ation for Unit Structure Discount Fac                               | tor:     |                       |                                     |   |   |
|                         |   | Unit Structure Discount<br>Factor                                   | Internal | 9                     | .999999999                          | Round to 4 decimals.  | Capped at 1.0.  |
|                         | Base Coverage Level Percent<br>Basic Unit Discount Factor   | ADM   | 9        | 9.999999999           | None                                | Base Coverage Level Percent Basic Unit Discount Factor is equal to Basic Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential Uni Discount, "A01040 A01090". |   |
|                         | Round(Base Coverage Level Percent Basic Unit Discorfactor + (Upper Bound Coverage Level Percent Basic Discount Factor - Lower Bound Coverage Level Percent Basic Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) 4) | CUnit Factor<br>ent<br>vel  | ADM      | 9                     | 9.99999999                          | None  | Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential Unit Discount, "A01040 A01090".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level.  If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level.  If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.       |
|                         |   | Lower Bound Coverage Level<br>Percent Basic Unit Discount<br>Factor | ADM      |                       |                                     | None  | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential Unit Discount, "A01040 A01090".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level.  If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level.  If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11

**Commodity Code** 

Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

Insurance Plan Code 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts

 0015 Canola
 0041 Corn
 0051 Grain Sorghum

 0018 Rice
 0043 Popcorn
 0067 Dry Peas

0081 Soybeans 0091 Barley

0078 Sunflowers

0091 Barley Field Field Field Record Field **Calculations** <u>Number</u> Rounding Name Number **Format** Rules Effective Coverage Level Internal 99.9999 None Percent Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an Round(Base Coverage Level Percent Basic Unit Discount Factor + (Upper Bound Coverage Level Percent Basic Unit existing ADM Coverage Level then this will be Unit Structure Discount Discount Factor - Lower Bound Coverage Level Percent Floored Effective Coverage the Effective Coverage Level. 99,9999 None Factor = Internal Basic Unit Discount Factor) \* (Effective Coverage Level Level Percent If the Effective Coverage Level falls between (continued) Percent - Floored Effective Coverage Level Percent) \* 20, existing ADM Coverage Levels then this will be 4) the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2022 Version: Draft

|                                   | Record Name:<br>Record Code:   | =  |           |               | Version<br>Release Date                               | :: Draft<br>:: 5/22/2025 |   |
|-----------------------------------|--|--|-----------|---------------|---|--------------------------|---|
| Insurance Plan Code               | 01 Yield Protection  | 02 Revenue Protection  |           |               |   | 03 Revenue Protectio     | on with Harvest Price Exclusion   |
| Commodity Code                    | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn                                 |           |               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                          | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
|                                   |  | <u>Field</u>   | Record    | <u>Field</u>  | <u>Field</u>  | <u>Field</u>             |   |
|                                   | Calculations   | <u>Name</u>  | Number    | <u>Number</u> | <u>Format</u>   | Rounding                 | Rules   |
| When Unit Structure Cod           | e is equal to Enterprise Unit, 'EU', use the following calcula   |  | t Factor: | 1             |   | 1                        | T   |
|                                   |  | Unit Structure Discount<br>Factor  | Internal  |               | 9.99999999  | Round to 4 decimals.     | Capped at 1.0.  |
|                                   |  | Base Coverage Level Percent<br>Enterprise Unit Discount<br>Factor        | ADM       |               | 9.999999999   | None                     | Base Coverage Level Percent Enterprise Unit Discount Factor is equal to Enterprise Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential Unit Discount, "A01040 A01090".  |
| Unit Structure Discount<br>Factor | Round(Base Coverage Level Percent Enterprise Unit Discount Factor + (Upper Bound Coverage Level Percent Enterprise Unit Discount Factor - Lower Bound Coverage Level Percent Enterprise Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4) | Upper Bound Coverage Level<br>Percent Enterprise Unit<br>Discount Factor | ADM       |               | 9.999999999   | None                     | Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential Un Discount, "A01040 A01090".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.         |
|                                   |  | Lower Bound Coverage Level<br>Percent Enterprise Unit<br>Discount Factor | ADM       |               |   | None                     | Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential Un Discount, "A01040 A01090".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level.  If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level.  If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

Insurance Plan Code 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion

 Commodity Code
 0011 Wheat
 0021 Cotton
 0047 Dry Beans
 0075 Peanuts

 Commodity Code
 0015 Canola
 0041 Corn
 0051 Grain Sorghum
 0078 Sunflowers

 0018 Rice
 0043 Popcorn
 0067 Dry Peas
 0081 Soybeans

|  |                                     |                  |                               |                               |                                 | 0091 Barley  |
|--|-------------------------------------|------------------|-------------------------------|-------------------------------|---------------------------------|--|
| <u>Calculations</u>  | <u>Field</u><br><u>Name</u>         | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br><u>Rounding</u> | Rules  |
|  | Effective Coverage Level<br>Percent | Internal         |                               | 99.9999                       | None                            |  |
| Unit Structure Discount Factor (continued)  Round(Base Coverage Level Percent Enterprise Unit Discount Factor + (Upper Bound Coverage Level Percent Enterprise Unit Discount Factor - Lower Bound Coverage Level Percent Enterprise Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4) |                                     | Internal         |                               | 99.9999                       | None                            | Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level.  If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level.  If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2022 Version: Draft

|                       | Record Code: P11  |   |                  | Release Date: 5/22/2025       |   |  |   |  |  |  |
|-----------------------|---|---|------------------|-------------------------------|---|--|---|--|--|--|
| Insurance Plan Code   | 01 Yield Protection                                     | 02 Revenue Protection   |                  |                               |   | 03 Revenue Protect                         | ion with Harvest Price Exclusion  |  |  |  |
| Commodity Code        | 0011 Wheat<br>0015 Canola<br>0018 Rice                  | 0021 Cotton<br>0041 Corn<br>0043 Popcorn  |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |  | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |  |  |  |
|                       | Calculations  | <u>Field</u><br><u>Name</u>   | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u>            | Rules   |  |  |  |
| Downed Rice Endorseme |   |   |                  |                               |   |  | CAT does not apply to Downed Rice (DRE). Only Unit Structure Codes 'BU and OU' apply regardless of the base Rice selection. Price Election Percent for base Rice will apply to DRE. Subsidy Level will be 38% for DRE regardless of the base Rice Unit Structure or Coverage Level. Insured Share can be different for DRE than base Rice. Insured Share will be 100%. DRE coverage is not available for highrisk CAT acreage if excluded from additional coverage for Base Rice. |  |  |  |
|                       |   | Premium Liability Amount  | Internal         |                               | 999999999   | Round to whole number.                     |   |  |  |  |
| Premium Liability     | Dollar Amount of Insurance * Reported Acreage * Insured | Dollar Amount of Insurance  | ADM              |                               | 99999   | None                                       | Edit with ADM Price, "A00810", Fixed  |  |  |  |
| Amount                | Share Percent * Price Election Percent                  |   |                  |                               |   | None                                       | Coverage Amount with insurance option = 'DC'.   |  |  |  |
|                       | Share Percent * Price Election Percent                  | Reported Acreage  | P11              | 48                            | 99999999.99   | None                                       |   |  |  |  |
|                       | : Share Percent * Price Election Percent                | Reported Acreage Insured Share Percent  | P11<br>P11       | 48                            | 99999999.99   |  | =   |  |  |  |
|                       | : Share Percent * Price Election Percent                |   |                  |                               |   | None None None                             | 'DC'.  DRE insured share will always be 100%  |  |  |  |
|                       | : Share Percent * Price Election Percent                | Insured Share Percent   | P11              |                               | 9.9999  | None<br>None                               | DRE insured share will always be 100% without regards to base Rice.   |  |  |  |
| Liability Amount      |   | Insured Share Percent Price Election Percent  | P11<br>ICE       | 43                            | 9.9999<br>9.9999                                      | None None None Round to whole              | DRE insured share will always be 100% without regards to base Rice.   |  |  |  |
| Liability Amount      |   | Insured Share Percent Price Election Percent Liability Amount                             | P11 ICE P11      | 43                            | 9.9999<br>9.9999<br>999999999                         | None None None Round to whole number.      | 'DC'.  DRE insured share will always be 100% without regards to base Rice.  From base Rice P14 record.  Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option =  |  |  |  |
| Liability Amount      |   | Insured Share Percent Price Election Percent Liability Amount  Dollar Amount of Insurance | P11 ICE P11 ADM  | 94                            | 9.9999<br>9.9999<br>9999999999<br>99999               | None None None Round to whole number. None | 'DC'.  DRE insured share will always be 100% without regards to base Rice.  From base Rice P14 record.  Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option =  |  |  |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

|                                    | Record Code:  | PII                                      |                  |                               | Release Dat   | e: 5/22/2025                    |   |
|------------------------------------|---|--|------------------|-------------------------------|---|---------------------------------|---|
| Insurance Plan Code                | 01 Yield Protection   | 02 Revenue Protection                    |                  |                               |   | 03 Revenue Protec               | tion with Harvest Price Exclusion   |
| Commodity Code                     | 0015 Canola   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                                 | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |
| 9                                  | <u>Calculations</u>   | <u>Field</u><br><u>Name</u>              | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br><u>Rounding</u> | Rules   |
| Section 17: Total Premium A        | mount, Subsidy Amount, and Producer Premium Amoun   | t  |                  |                               |   |                                 |   |
| Preliminary Total                  |   | Preliminary Total Premium                | Internal         |                               | 999999999   | Round to whole number.          |   |
| Premium = I                        | Premium Liability Amount * Premium Rate   | Premium Rate                             | ADM              |                               |   | None                            | Edit with ADM Option Rate, "A01060", rate with insurance option = 'DC'.   |
| Total Premium Amount = I           | Preliminary Total Premium   | Total Premium Amount                     | P11              | 95                            | 999999999   | Round to whole number.          |   |
| Subsidy Amount = <sup>-</sup>      | Subsidy Amount = Total Premium Amount * Subsidy Percent   | Subsidy Amount                           | P11              | 93                            | 999999999   | Round to whole number.          | If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 18 for subsidy calculations. |
|                                    |   | Subsidy Percent                          | ADM              |                               | 9.999   | None                            | Edit with ADM Subsidy Percent, "A00070". Wil always be 38% for DRE.   |
|                                    | ,   | Producer Premium Amount                  | P11              | 94                            | 999999999   | Round to whole number.          |   |
| Section 18: Beginning Farme        | r and Rancher (BFR), Veteran Farmer Rancher (VFR), Nat  | ive Sod (NS) and Conservation            | n Complian       | ce (CC) Sub                   | osidy Calculations                                    |                                 |   |
| Base Subsidy Amount = <sup>-</sup> | Fotal Premium Amount * Subsidy Percent  | Base Subsidy Amount                      | Internal         |                               | 999999999   | Round to whole number           | Cupped by the standard rule of \$1 if applicable.   |
| ,                                  | 32224, 7.0.30.10  | Subsidy Percent                          | ADM              |                               | 9.999   | None                            | Edit with ADM Subsidy Percent, "A00070".  |
| BFR/VFR Subsidy Amount =           | Fotal Premium Amount * 0.10 * (1 - CC Subsidy Reduction Percent)  | BFR/VFR Subsidy Amount                   | Internal         |                               | 999999999   | Round to whole number           | Beginning Farmer Rancher/Veteran Farmer<br>Rancher Subsidy Amount.<br>If Applicable; else 0.<br>0.10 (10%).       |
| Native Sod Subsidy<br>Amount =     | Total Premium Amount * 0.50   | Native Sod Subsidy Amount                | Internal         |                               | 999999999   | Round to whole number           | If Applicable; else 0.<br>0.50 (50%).<br>For CAT coverage, Native Sod Subsidy Amount<br>is always 0.              |
| CC Subsidy Reduction               | Base Subsidy Amount * CC Subsidy Reduction Percent  | CC Subsidy Reduction<br>Percent          | P11              | 76                            | 9.9999  | None                            | If Applicable; else 0.  |
| Amount                             | suse subsidy Amount — Co subsidy neduction restells   | CC Subsidy Reduction<br>Amount           | P11              | 111                           | 999999999   | Round to whole number           | CC Subsidy Reduction Amount. If Applicable; else 0.   |
| Subsidy Amount =                   | Base Subsidy Amount + BFR/VFR Subsidy Amount - Native<br>Sod Subsidy Amount - CC Subsidy Reduction Amount | Subsidy Amount                           | P11              | 93                            | 999999999   | Round to whole number           | Subsidy Amount cannot exceed Total Premium<br>Amount. Subsidy Amount will be cupped at \$0                        |
| Producer Premium = -<br>Amount     | Total Premium Amount - Subsidy Amount   | Producer Premium Amount                  | P11              | 94                            | 999999999   | Round to whole number           |   |

|   | Exhibit Number:<br>Record Name:<br>Record Code:  | •   |                  |                               | Reinsurance Year:<br>Version:<br>Release Date:        | Draft                    |  |
|---|--|---|------------------|-------------------------------|---|--------------------------|--|
| Insurance Plan Code                     | 01 Yield Protection  | 02 Revenue Protection   |                  |                               |   | 03 Revenue Protectio     | n with Harvest Price Exclusion   |
| Commodity Code                          | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn                                |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                          | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |
|   | Calculations   | <u>Field</u><br><u>Name</u>   | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>                         | <u>Field</u><br>Rounding | Rules  |
| Section 19: Yield Cup, Yield ADM)       | d Exclusion, Quality Loss, and Trend APH Current Year Base   | Premium Rate Calculations (c  | only use wh      | nen the Eff                   | fective Coverage Level for                            | the record exceeds th    | e highest coverage level for the offer in the  |
|   |  | Unadjusted Liability Amount   | Internal         |                               | 999999999   | Round to whole number    |  |
| Unadiusted Liability                    | Round((Coverage Level Percent/Effective Coverage Level   | Coverage Level Percent  | P14              | 34                            | 9.9999  | None                     |  |
| Amount                                  | = Round((Coverage Level Percent/Effective Coverage Level Percent),10) * Premium Liability Amount   | Effective Coverage Level<br>Percent                                     | Internal         |                               | 99.9999   |                          |  |
|   |  | Premium Liability Amount  | Internal         |                               | 999999999   | Round to whole number    |  |
|   |  | Max Coverage Level<br>Adjustment Factor                                 | Internal         |                               | 9999999999999999                                      | Round to 8 decimals.     |  |
|   |  | Unadjusted Liability Amount   | Internal         |                               | 999999999   | Round to whole number    |  |
|   | When Unit Structure Code is equal to Optional Unit, "OU", "UA" or "UD:   | Current Year Base Rate  | Internal         |                               | 9999999999.99999                                      | Round to 8 decimals.     |  |
|   | ROUND(1.00/ Current Year Base Rate,8) –  | Premium Liability Amount  | Internal         |                               | 999999999   | Round to whole number    |  |
|   | ROUND(Unadjusted Liability Amount/(Current Year Base   | Base Rate Differential Factor   | ADM              |                               | 9.99999999  | None                     |  |
| Max Coverage Level<br>Adjustment Factor | ROUND(ROUND(Base Rate Differential Factor * Base Unit<br>Residual Factor * Base Optional Unit Structure Discount<br>Factor * Unadjusted Liability Amount,8)/Premium Liability<br>Amount,8)   | Base Unit Residual Factor  Base Optional Unit Structure Discount Factor | ADM              |                               | 999.999   | None                     | Base Optional Unit Structure Discount Factor is equal to Optional Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential Unit Discount, "A01040 A01090".  See Section 19 for more info.   |
|   | When Unit Structure code is Basic Unit, "BU":  ROUND(1.00/ Current Year Base Rate,8) — ROUND(Unadjusted Liability Amount/(Current Year Base Rate * Premium Liability Amount),8) + ROUND(ROUND(Base Rate Differential Factor * Base Unit Residual Factor * Base Basic Unit Structure Discount Factor * Unadjusted Liability Amount,8)/Premium Liability Amount,8) | Base Basic Unit Structure<br>Discount Factor                            | ADM              |                               | 9.999999999   | None                     | Base Basic Unit Structure Discount Factor is equal to Basic Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential Unit Discount, "A01040 A01090".  See Section 19 for more info. When the total planted acres for the unit is 0 (all acres are prevented planted) set to 1.00. |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

|  | Record Code.   |  |                  |                        | Nelease Date  | -,,  |  |
|--|--|--|------------------|------------------------|---|--|--|
| Insurance Plan Code  | 01 Yield Protection  | 02 Revenue Protection                    |                  |                        |   | 03 Revenue Protect   | ion with Harvest Price Exclusion   |
| Commodity Code   | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn |                  |                        | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |  |
|  | Calculations   | <u>Field</u><br>Name                     | Record<br>Number | <u>Field</u><br>Number | <u>Field</u><br>Format                                | <u>Field</u><br>Rounding   | Rules  |
|  | <u> </u>   | - Harrie                                 |                  | - Turriber             | Tormat  | nounung  | itales   |
| When Unit Structure code is Enterprise Unit, "EU":  ROUND(1.00/ Current Year Base Rate,8) — ROUND(Unadjusted Liability Amount/( Current Year Base Rate * Premium Liability Amount),8) + ROUND(ROUND(Base Rate Differential Factor * Base Enterprise Unit Residual Factor * Base Enterprise Unit Structure Discount Factor * Unadjusted Liability Amount,8)/Premium Liability Amount,8)  When Unit Structure code is Whole Farm Unit "WU":  ROUND(1.00/ Current Year Base Rate,8) — | Base Enterprise Unit<br>Structure Discount Factor  | ADM                                      |                  | 9.99999999             | None  | Base Enterprise Unit Structure Discount Fais equal to Enterprise Unit Discount Factor Minimum of 1) Maximum available Covera Level or; 2) available Coverage Level less to or equal to Effective Coverage Level. Edit of ADM Coverage Level Differential Unit Discount, "A01040 A01090".  See Section 19 for more info.  When the total planted acres for the unit if (all acres are prevented planted) set to 1.00. |  |
|  | Amount,8)/Premium Liability Amount,8)  | Base Enterprise Unit Residual<br>Factor  | ADM              |                        | 999.999   | None   | Base Enterprise Unit Residual Factor is eq<br>to Enterprise Unit Residual for Minimum of<br>Maximum available Coverage Level or; 2)<br>available Coverage Level less than or equa<br>Effective Coverage Level. Edit with ADM<br>Coverage Level Differential, "A01040". |
|  | When Unit Structure code is Whole Farm Unit "WU":  ROUND(1.00/ Current Year Base Rate,8) –   | Unit Structure Discount Factor           | Internal         |                        | 9.9999999   | None   | Capped at 1.0. See Section 19 for Option Code "TA" (Tren Adjustment), "YC" (Yield Cup), "QL" (Quali Loss), and "YE" (Yield Exclusion).   |
|  | ROUND(Unadjusted Liability Amount/( Current Year Base Rate * Premium Liability Amount),8) + ROUND(ROUND(Base Rate Differential Factor * Base Whole Farm Unit Residual Factor * Unit Structure Discount Factor * Unadjusted Liability Amount,8)/Premium Liability Amount,8) | Base Whole Farm Unit<br>Residual Factor  | ADM              |                        | 999.999   | None   | Base Whole Farm Unit Residual Factor is e to Whole Farm Unit Residual for Minimum 1) Maximum available Coverage Level or; available Coverage Level less than or equa Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".                    |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

|                     | Record Code:   | P11  | Release Date: 5/22/2025 |                 |                               |  |  |  |  |  |
|---------------------|--|--|-------------------------|-----------------|-------------------------------|--|--|--|--|--|
| Insurance Plan Code | 01 Yield Protection  | 02 Revenue Protection  |                         |                 |                               | 03 Revenue Protection with Harvest Price Exclusion |  |  |  |  |
| Commodity Code      | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton         0047 Dry Beans           0041 Corn         0051 Grain Sorghum           0043 Popcorn         0067 Dry Peas |                         |                 |                               | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans   |  |  |  |  |
|                     |  | '  | ,                       |                 | 0091 Barley                   |  |  |  |  |  |
|                     | <u>Calculations</u>  | <u>Field</u><br><u>Name</u>  | Record<br>Number        | Field<br>Number | <u>Field</u><br><u>Format</u> | <u>Field</u><br>Rounding                           | Rules  |  |  |  |
|                     |  | Marginal rate Adjustment<br>Marginal Adjustment Rate<br>Factor   | Internal                |                 | 9.9999999                     | Round to 8 decimals.                               |  |  |  |  |
|                     |  | Max Coverage Level Adjustment Factor   | Internal                |                 | 999999999999999               | Round to 8 decimals.                               |  |  |  |  |
|                     | Max Coverage Level Adjustment Factor /(Rate Differential Factor * Unit Residual Factor * Unit Structure Discount Factor)   | Rate Differential Factor   | ADM                     |                 | 9.99999999                    | None   | Edit with ADM Coverage Level Differential, "A01040".  See Section 17 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).   |  |  |  |
| Marginal Rate       |  | Unit Residual Factor   | ADM                     |                 | 999.999                       | None   | Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).  |  |  |  |
| Adjustment Factor   | =  | Unit Structure Discount Factor   | Internal                |                 | 9.9999999                     | None   | Capped at 1.0. See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).  |  |  |  |
|                     | When Unit Structure code is Enterprise Unit, "EU":  Max Coverage Level Adjustment Factor / (Rate Differential Factor * Enterprise Unit Residual Factor * Unit Structure Discount Factor) | Enterprise Unit Residual<br>Factor   | ADM                     |                 | 9.999                         | None   | Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) where Unit Structure Code equal to Enterprise Unit, 'EU'. |  |  |  |
|                     | When Unit Structure code is Whole Farm Unit, "WU":  Max Coverage Level Adjustment Factor /(Rate Differential Factor * Whole Farm Unit Residual Factor * Unit Structure Discount Factor)  | Whole Farm Unit Residual<br>Factor   | ADM                     |                 | 9.999                         | None   | Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), and "YE" (Yield Exclusion) where Unit Structure Code equal to Whole Farm Unit, 'WU'.                      |  |  |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2022 Version: Draft

Release Date: 5/22/2025

'WU'.

|                                   | Record Code:   | Record Code: P11                   |                  |                               | Release Date: 5/22/2025              |                                 |   |  |  |
|-----------------------------------|--|------------------------------------|------------------|-------------------------------|--------------------------------------|---------------------------------|---|--|--|
| Insurance Plan Code               | 01 Yield Protection  | 02 Revenue Protection              |                  |                               |                                      | 03 Revenue Protectio            | n with Harvest Price Exclusion  |  |  |
| Commodity Code                    | 0011 Wheat<br>0015 Canola  | 0021 Cotton<br>0041 Corn           |                  |                               | 0047 Dry Beans<br>0051 Grain Sorghum |                                 | 0075 Peanuts<br>0078 Sunflowers   |  |  |
| <u>commodity code</u>             |  | 0043 Popcorn                       |                  |                               | 0067 Dry Peas                        |                                 | 0078 Sunflowers<br>0081 Soybeans<br>0091 Barley   |  |  |
|                                   | Calculations   | <u>Field</u><br><u>Name</u>        | Record<br>Number | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u>        | <u>Field</u><br><u>Rounding</u> | Rules   |  |  |
|                                   |  | Current Year Base Premium<br>Rate  | Internal         |                               | 999999999.9999999                    | Round to 8 decimals.            |   |  |  |
|                                   | When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":   | Rate Differential Factor           | ADM              |                               | 9.999999999                          | None                            | Edit with ADM Coverage Level Differentia<br>"A01040".<br>See Section 17 for Option Code "TA" (Tren<br>Adjustment), "YC" (Yield Cup), "QL" (Qual<br>Loss), and "YE" (Yield Exclusion).   |  |  |
|                                   | Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00)  | Unit Residual Factor               | ADM              |                               | 999.999                              | None                            | Edit with ADM Coverage Level Differentia<br>"A01040".<br>See Section 18 for Option Code "TA" (Tre<br>Adjustment), "YC" (Yield Cup), "QL" (Qua<br>Loss), and "YE" (Yield Exclusion) where U<br>Structure Code equal to Optional Unit, "C<br>"UA", "UD", or Basic Unit, 'BU'. |  |  |
| Current Year Base<br>Premium Rate |  | Marginal Rate Adjustment Factor    | Internal         |                               | 999999999.99999999                   | Round to 8 decimals.            | , , ,   |  |  |
| WI<br>= Ro<br>En:                 | When Unit Structure code is Enterprise Unit, "EU":  Round(Current Year Base Rate * Rate Differential Factor * Enterprise Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00) | Enterprise Unit Residual<br>Factor | ADM              |                               | 9.999                                | None                            | Edit with ADM Coverage Level Differentia<br>"A01040".<br>See Section 18 for Option Code "TA" (Tre<br>Adjustment), "YC" (Yield Cup), "QL" (Qual<br>Loss), and "YE" (Yield Exclusion) where U<br>Structure Code equal to Enterprise Unit,                                     |  |  |
| -                                 | When Unit Structure code is Whole Farm Unit, "WU":  Round(Current Year Base Rate * Rate Differential Factor * Whole Farm Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00) | Whole Farm Unit Residual<br>Factor | ADM              |                               | 9.999                                | None                            | Edit with ADM Coverage Level Differenti<br>"A01040".<br>See Section 18 for Option Code "TA" (Tre<br>Adjustment), "YC" (Yield Cup), "QL" (Qua<br>Loss), and "YE" (Yield Exclusion) where U<br>Structure Code equal to Whole Farm Uni   |  |  |

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2022

|  | Record Name:<br>Record Code:   | •  |   |                               | Version:<br>Release Date:     |                          |  |
|--|--|--|---|-------------------------------|-------------------------------|--------------------------|--|
| Insurance Plan Code                                | 01 Yield Protection  | 02 Revenue Protection                    |   |                               |                               | 03 Revenue Protectio     | n with Harvest Price Exclusion   |
| Commodity Code                                     | 0011 Wheat<br>0015 Canola<br>0018 Rice   | 0021 Cotton<br>0041 Corn<br>0043 Popcorn | 0047 Dry Beans<br>0051 Grain Sorghum<br>0067 Dry Peas |                               |                               |                          | 0075 Peanuts<br>0078 Sunflowers<br>0081 Soybeans<br>0091 Barley  |
|  | Calculations   | <u>Field</u><br><u>Name</u>              | Record<br>Number                                      | <u>Field</u><br><u>Number</u> | <u>Field</u><br><u>Format</u> | <u>Field</u><br>Rounding | <u>Rules</u>   |
| Section 20: Yield Cup, Yield he offer in the ADM). | Exclusion, Quality Loss, and Trend APH for CottonseedC   |  | te Calculation  | ons (only                     | use when the Effective Cov    | verage Level for the re  | ecord exceeds the highest coverage level for   |
|  |  | Current Year Base Premium<br>Rate        | Internal  |                               | 999999999.99999999            | Round to 8 decimals.     |  |
|  | When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":   | Rate Differential Factor                 | ADM   |                               | 9.99999999                    | None                     | Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).  |
| Current Year Base<br>Premium Rate                  | Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00)  | Unit Residual Factor                     | ADM   |                               | 999.999                       | None                     | Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Qualit Loss), and "YE" (Yield Exclusion) where Uni Structure Code equal to Optional Unit, "OL" "UA", "UD", or Basic Unit, 'BU'. |
|  |  | Marginal Rate Adjustment<br>Factor       | Internal  |                               | 9999999999999999              | Round to 8 decimals.     | Copy value over from the base lint line.   |
|  | When Unit Structure Code is Enterprise Unit, "EU":  Round(Current Year Base Rate * Rate Differential Factor * Enterprise Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00) | Enterprise Unit Residual<br>Factor       | ADM   |                               | 9.999                         | None                     | Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) where Unit Structure Code equal to Enterprise Unit, 'El                               |