Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0067 Dry Peas 0015 Canola 0041 Corn 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Number Format Rounding Name Number Rules Section 1: Liability Calculation If Unit of Measure equals Pounds "LBS", then round to whole Common Crop Insurance Policy definition number. 'production guarantee (per acre)'. If Unit of Measure Premium Guarantee Per Acre Internal 99999999.99 Premium Guarantee Per Acre Amount should equals Tons "TONS" Amount be rounded to whole pounds for Dry Beans, then round to 2 "0047" (all types), and Dry Peas, "0067" (all decimals. types). Otherwise, round to 1 decimal. Premium Guarantee Per = Approved Yield * Coverage Level Percent For APH Trend Quality Loss, Yield Cup, and Acre Amount Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. Approved Yield P11 42 99999999.99 None For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied. For APH Trend, Quality Loss, and Yield Exclusion the Coverage Level Percent in this Coverage Level Percent P14 34 9.9999 None section is ALWAYS the chosen coverage level

and NOT the Effective Coverage Level.

	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
Guarantee Per Acre Amount	When Guarantee Adjustment Type Code equals Late Planting, "L" OR Prevented Planting, "P": = Premium Guarantee Per Acre Amount * Guarantee Adjustment Factor	Guarantee Per Acre Amount	Internal		999999999.99	If Unit of Measure equals Tons "TONS",	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.	

Exhibit Number: P11-1, Plan 01, 02, 03
Record Name: Acreage

Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024

Record Code: P11

Insurance Plan Code	01 Yield Protection	02 Revenue Protection	03 Revenu

03 Revenue Protection with Harvest Price Exclusion

 Commodity Code
 0011 Wheat
 0031 Flax
 0051 Grain Sorghum

 0015 Canola
 0041 Corn
 0067 Dry Peas

 0016 Oats
 0043 Popcorn
 0075 Peanuts

0091 Barley 0094 Rye

0081 Soybeans

 0018 Rice
 0047 Dry Beans
 0078 Sunflowers
 0805 Weaned Calves

0021 Cotton									
<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules			
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", Oats "0016", Rye "0094", 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 Num Record Na	ame: Premium Calculation nber: P11-1, Plan 01, 02, 03 ame: Acreage code: P11	Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection		03 Revenue Protection with Harvest Price Exclusion					
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules		
Price Election Amount (continued)	= Projected Price (or Contract Price) * Price Election Percent	Price Election Amount (continued)	Internal		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 Revenue Protection, "02", or Revenue Protection with Harvest Price Exclusion, "Crequires the producer to choose 100 perce of the Projected Price. Edit with ADM Price "00810".			

	Exhibit Num	ne: Premium Calculation er: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 ne: Acreage Version: Draft Release Date: 12/5/2024						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
Price Election Amount (continued)	= Projected Price (or Contract Price) * Price Election Percent	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, when Insurance Plan Code is Revenue Protection, "02", or Revenue Protection with Harvest Price Exclusion, "03". Edit with ICE Price Election Percent, "D00007".	
December 7 :	Describes Constants Describes Associated 201 Florida	Premium Total Guarantee Amount	Internal		99999999.99	Round to 2 decimals		
Guarantee Amount	= Premium Guarantee Per Acre Amount * Price Election Amount * Reported Acreage	Price Election Amount	Internal		9999.9999	None		
	, ,	Reported Acreage	P11	48	99999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.	

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0081 Sovbeans 0031 Flax **Commodity Code** 0041 Corn 0067 Dry Peas 0091 Barley 0015 Canola 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Number Format Rounding Rules 99999999.99 Round to 2 decimals. **Total Guarantee Amount** P11 103 Guarantee Per Acre Amount * Price Election Amount * Total Guarantee Amount = Price Election Amount Internal 9999.9999 None Reported Acreage Reported Acreage must equal the sum of all Reported Acreage P11 48 999999.99 None Land, P27, Reported Acreage. Round to whole Premium Liability $\underline{\ \ }$ Premium Total Guarantee Amount * Insured Share Premium Liability Amount Internal 999999999 number. Amount Percent Insured Share Percent P11 43 9.9999 None Round to whole P11 Liability Amount 94 999999999 number. Liability Amount = Total Guarantee Amount * Insured Share Percent **Insured Share Percent** P11 43 9.9999 None The appropriate discount factor should be Section 2: Unit Discount Calculation looked up and applied. When commodities are setup 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 Internal 9.9999999 None Factor Unit Structure Discount Factor Revenue Lookup Adjustment Factor When the Unit Structure Code is Whole Farm Unit "WU" Capped at 1.0 Unit Structure Discount Internal From below for Unit Structures "OU, UA, UD, 9.9999999 None Factor Unit Structure Discount Factor for Enterprise Unit"EU" BU, EU".

Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0015 Canola 0041 Corn 0067 Dry Peas 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Number Number Rounding Name Format Rules When the Unit Structure Code is Optional Unit, "OU", Unit Structure Discount Internal 9.9999999 None capped at 1.0 "UA", or "UD": Factor Optional Unit Discount ADM 9.999 None Optional Unit Discount Factor Edit with ADM Unit Discount, "A01090". Factor When Unit Structure Code is Basic Unit, "BU": Basic Unit Discount Factor ADM 9.999 None Edit with ADM Unit Discount, "A01090". Basic Unit Discount Factor Edit with ADM Unit Discount, "A01090". Enterprise Units will now mandate that all insured acreage for a commodity will be Unit Structure Discount included in the Enterprise Unit. This includes Factor both fall and spring planted acreage. When the Unit Structure Code is Enterprise Unit, "EU": Enterprise Unit Discount Factor is contingent Enterprise Unit Discount ADM 9.999 None upon the sum of the reported acres which Factor **Enterprise Unit Discount Factor** 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.

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection	02 Revenue Protection			03 Revenue Protection with Harvest Price Exclusion				
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	•			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules			
When commodities are se	etup in the unit discount table for lookups based on acres	and coverage levels.								
	When the Unit Structure Code is Optional Unit, "OU", "UA", or "UD":	Revenue Lookup Adjustment Factor	Internal		9.9999999	None				
	Unit Structure Discount Factor	Unit Structure Discount Factor	Internal		9.99999999	None	Capped at 1.0 From below for Unit Structure "OU", "UA", or "UD".			
Revenue Lookup Adjustment Factor	When Unit Structure Code is Basic Unit, "BU": Basic Unit Discount Factor for 65% 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 no 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.			

	Exhibit Number: Record Name: Record Code:	Acreage Versi			Reinsurance Year: Version: Release Date:	on: Draft	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
	When the Unit Structure Code is Enterprise Unit, "EU" or Whole Farm Unit "WU": Enterprise Unit Discount Factor for 65% Coverage Level	Enterprise Unit Discount 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

0021 Cotton

Reinsurance Year: 2025 Version: Draft

Record Name: Acreage Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 01 Yield Protection 02 Revenue Protection

	0011 Wheat	0031 Flax	0051 Grain Sorghum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn	0067 Dry Peas	0091 Barley
	0016 Oats	0043 Popcorn	0075 Peanuts	0094 Rye
	0018 Rice	0047 Dry Beans	0078 Sunflowers	0805 Weaned Calves

	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
When the Unit Structure Code is Optional Unit, "OU", "UA", or "UD": Optional Unit Discount Factor	When the Unit Structure Code is Optional Unit, "OU",	Unit Structure Discount 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 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 Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules		
Unit Structure Discount Factor : (continued)	When the Unit Structure Code is Enterprise Unit, "EU": Enterprise Unit Discount Factor	Enterprise Unit Discount Factor	ADM		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 Area High 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 un 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 Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Record Name: Acreage Version: Draft Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0081 Sovbeans 0031 Flax **Commodity Code** 0041 Corn 0067 Dry Peas 0015 Canola 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Number **Format** Rounding Rules If Written Agreement is applicable make the Section 3: Base Premium Rate Calculation 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. For skip row commodities, the rate yield is the Current Year Yield Ratio = Rate Yield / Reference Amount Rate Yield P15 35 99999999.99 None converted rate yield from the P15 record with skip row (yield conversion factor) applied. Reference Yield 99999.99 Edit with ADM Base Rate. "A01010". ADM None When previous year yield limitation code = '03', Insurance Option Code List contains Yield Cup (YC), and Commodity Code Dry Beans "0047" and Type Code equals Contract "62", or Commodity Code equals Dry Peas "0067" and Type Code equals Spring Contract "98": Prior Year Yield Ratio 9999999.99 Round to 2 decimals. Internal Approved Yield P11 42 9999999.99 None Round(Approved Yield * Contract Price,0) / Prior Year Prior Year Yield Ratio = Contract Price P11 46 9999.9999 None Reference Amount Prior year Reference Amount ADM 99999.99 None Edit with ADM Base Rate, "A01010". When previous year yield limitation code = '03' and Insurance Option Code List contains Yield Cup (YC) and the aforementioned commodities/types are not applicable: Round to 2 decimals. Prior Year Yield Ration Internal 9.9999 Cup at 0.50 and Cap at 1.50. For skip row commodities, the rate yield is the Prior Year Yield Ratio = Approved Yield / Prior Year Reference Amount Approved Yield P11 42 9999999.99 None 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".

Exhibit Name: Premium Calculation Fyhihit Number: P11-1 Plan 01 02 03

Reinsurance Year: 2025

	Exhibit Number	: P11-1, Plan 01, 02, 03	Reinsurance Year: 2025					
	Record Name:	=			Version:			
	Record Code	: P11			Release Date:	12/5/2024		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion	
	0011 Wheat	0031 Flax			0051 Grain Sorghum		0081 Soybeans	
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley	
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye	
	0018 Rice	0047 Dry Beans			0078 Sunflowers		0805 Weaned Calves	
	0021 Cotton		Γ				T	
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules	
out :	Calculations	<u>ivaille</u>	Number	Number	Format	Rounding	Rules	
Otherwise:			1		T	1		
		Prior Year Yield Ratio	Internal		9.9999	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.	
Prior Year Yield Ratio	Prior Year Yield Ratio = Rate Yield / Prior Year Reference Amount		P15	35	9999999999999	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 Multiplier	Current Year Rate Multiplier = Current Year Yield Ratio ^ Exponent Value		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".	
	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".	
	When Rate Method Code is Additive, "A":							
Current Year Base Rate	Sub County Rate + (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Current Year Rate Multiplier	Internal		9999.99999999	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".	

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion		
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>		
		Prior Year Base Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.			
	When Rate Method Code is Fixed, "F": Sub County Rate	Sub County Rate	ADM		99.9999	None	Edit with ADM Sub County Rate, "A01050".		
: 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".		

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11							
Insurance Plan Code	01 Yield Protection	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion						
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	Rules		
		Current Year Base Premium Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.	If Option Code "QL", "YE" or "TA" is applicable and the effective coverage level exceeds the highest coverage level for the offer in the ADM, see Section 23 for the Current Year Bas Premium Rate calculation.		
	Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8)	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), "YE" (Yield Exclusion), and "QL" (Quality Loss).		
Current Year Base Premium Rate		Unit Residual Factor	ADM		999.9999	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 Un Structure Code equal to Optional Unit, "OU", "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 Factor	ADM		9.9999	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 Uni Structure Code equal to Enterprise Unit, 'EU'		
=	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 Factor	ADM		9.9999	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 Uni Structure Code equal to Whole Farm Unit, 'WU'.		

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

Factor, 8)

Reinsurance Year: 2025

	Record Name	Record Name: Acreage Record Code: P11			Version: Draft Release Date: 12/5/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats	0031 Flax 0041 Corn 0043 Popcorn			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts		0081 Soybeans 0091 Barley 0094 Rye	
	0018 Rice 0021 Cotton	0047 Dry Beans			0078 Sunflowers		0805 Weaned Calves	
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
When previous year yield l	imitation code = '03' and Insurance Option Code List conta	ins Yield Cup (YC):						
	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":	Prior Year Base Premium Rate	Internal		99999999999999999	Round to 8 decimals.		
	OO, OA, OD, OI 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 Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040."	
Prior Year Base Premium Rate =	When Unit Structure code is Enterprise Unit, "EU": Round(Prior Year Base Rate * 1.05* Prior Year Rate Differential Factor * Prior Year Enterprise Unit Residual Factor, 8)	Prior Year Enterprise Unit Residual Factor	ADM		9.9999	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 Residual	Prior Year Whole Farm Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040."	

	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11					Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>			
Otherwise:										
	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":	Prior Year Base Premium Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.				
	Round(Prior Year Base Rate * Prior Year Rate Differential Factor * Prior Year Unit Residual Factor, 8)	Prior Year 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), "YE" (Yield Exclusion), and "QL" (Quality Loss).			
Prior Year Base Premium		Prior Year Unit Residual Factor	ADM		999.9999	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	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 Residual Factor	ADM		999.9999	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 Residual Factor	ADM		9.9999	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	999999999999999999999	Round to 8 decimals.				
Revenue Lookup Rate =	MIN(Current Year Base Rate, Prior Year Base Rate * 1.2, 0.9999)	Revenue Lookup Rate	Internal		999999999999999	Round to 4 decimals.				

Exhibit Number: P11-1, Plan 01, 02, 03
Record Name: Acreage

Reinsurance Year: 2025 Version: Draft

03 Revenue Protection with Harvest Price Exclusion

Record Code: P11 Release Date: 12/5/2024

02 Revenue Protection

 Commodity Code
 0011 Wheat
 0031 Flax
 0051 Grain Sorghum
 0081 Soybeans

 0015 Canola
 0041 Corn
 0067 Dry Peas
 0091 Barley

 0016 Oats
 0043 Popcorn
 0075 Peanuts
 0094 Rye

0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves

0021 Cotton

01 Yield Protection

Insurance Plan Code

0021 Cotton								
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
Section 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 $_{ extstyle =}$		Additive Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.		
	When Rate Method Code is Additive "A":	Option Rate	ADM		99999.9999	None	Option Rate will be the Sum of all Option Rate with Rate Method Code equal to Additive, "A". Edit with ADM Option Rate, "A01060".	
Adjustment Factor ^a	∑ Option Rate * Rate Differential Factor	Rate Differential Factor	ADM		9.9999999	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).	
Multiplicative Optional	When Rate Method Code is Multiplicative, "M":	Multiplicative Optional Rate 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".	

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 01 Yield Protection 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0015 Canola 0041 Corn 0067 Dry Peas 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Format Rounding Number Rules It is recommended that other than hard coding for specific type and practice codes which will eventually change when the new key structure is adopted, that a condition be put in place that will set the add on rate to 0 when the Price Volatility is 0. This condition Section 5: Revenue Coverage Add on Rates (Applicable only for Plans 02 and 03) 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. 999999999.9999 Round to 4 decimals. Lookup Rate Internal Revenue Lookup Rate * Revenue Lookup Adjustment Lookup Rate = Revenue Lookup Rate 99999999999999 Round to 4 decimals. Internal From Section 3. Revenue Lookup Adjustment Internal 9.9999999 None From Section 2. Factor

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

		rd Name: Acreage ord Code: P11			Version: Draft Release Date: 12/5/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>	
		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		999.99999999	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		999999999999999999999999999999999999999	Round to 8 decimals.		
Adjusted Standard = Approved Yield * Standard Deviation Quantity / 100 Deviation Quantity		Approved Yield (AY)	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 cotton, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.	
		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.	

Reinsurance Year: 2025

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

Reinsurance Year: 2025 Version: Draft

Record Name: Acreage

	Record Name: Acreage						
		Record Code: P11			Release Date	e: 12/5/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	<u>Record</u> <u>Number</u>	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
		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".
211110011	(Price Volatility Factor) ² / 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 Quantity _{Sequence Number}		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 be 500 draws (or sequence numbers) per Beta Id for every distinct Beta Id in the Insurance Offer ADM, "A00030".
Price Draw Quanity _{Sequence} Number	For Sequence Number 1 to 500 = 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 Id for every distinct Beta Id in the Insurance Offer ADM

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

Reinsurance Year: 2025 Version: Draft

	Record Name: Acreage Record Code: P11				Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>			
		Simulated Yield Protection Losses Quantity (SimYPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.				
Simulated Yield Protection Losses Quantity	500 = Σ Round(MAX(0, AY * covlvl - Round(MAX(0, Yieldi * i=1 AdjStndDev + AdjMean),12)), 12)	Approved Yield (AY)	P11	42	9999999.99	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 (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, (Yield,)	ADM		S99.99999999	None				

	Exhibit Number:P11-1, Plan 01, 02, 03Reinsurance Year:2025Record Name:AcreageVersion:DraftRecord Code:P11Release Date:12/5/2024					: Draft	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
		Simulated Revenue Protection Losses Quantity(SimRPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	
Simulated Revenue Protection Losses Quantity	(5 = Volatility Factor + LnMean),12)),12)),12) -	Price * Price	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 P15 record with skip row (yield conversion factor) applied.
Quality		(Price * Price Coverage Level Percent (covIvI)	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)
		Yield Draw Quantity _i (Yield _i)	ADM		S99.99999999	None	
		Projected Priced or Contract Price (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.

Evhibit Number: D11-1 Plan 01 02 02

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	Exhibit Number Record Name Record Code	•					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection			03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0041 Corn 0067 Dry Peas 0043 Popcorn 0075 Peanuts			•		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
		Simulated Revenue Protection with Harvest Price Exclusion Losses Quantity (SimRPhpeLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	
Simulated Revenue Protection with Harvest Price Exclusion Losses Quantity	AdjStdDev + AdjMean),12) * Round(MIN(2 *	Approved Yield (AY)	P11	42	99999999999	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 (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)
		Projected Priced or Contract Price (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.

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

Reinsurance Year: 2025 Version: Draft

Record Name: Acreage Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0051 Grain Sorghum 0011 Wheat 0031 Flax 0081 Sovbeans **Commodity Code** 0067 Dry Peas 0015 Canola 0041 Corn 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Number Format Rounding Rules For Option Code "TA" (Trend Adjustment), Simulated Yield (Simulated Yield Protection Losses Quantity / 500) / Simulated Yield Protection YC" (Yield Cup), "QL" (Quality Loss), and "YE" Protection Base Premium = Internal 999999,99999999 Round to 8 decimals (Approved Yield * Coverage Level Percent) Base Premium Rate (Yield Exclusion) Effective Coverage Level Rate Percent will replace Coverage Level Percent. For Option Code "TA" (Trend Adjustment), Simulated Revenue (Simulated Revenue Protection Losses / 500) / (Approved Simulated Revenue 'YC" (Yield Cup), "QL" (Quality Loss), and "YE" Protection Base Premium = Yield * Coverage Level Percent * (Projected Price or Protection Base Premium Internal 999999.9999999 Round to 8 decimals (Yield Exclusion) Effective Coverage Level Rate Contract Price)) Rate Percent will replace Coverage Level Percent. Simulated Revenue | (Simulated Revenue Protection with harvest Price For Option Code "TA" (Trend Adjustment), Simulated Revenue Protection with Harvest _ Exclusion Losses Quantity / 500) / (Approved Yield * 'YC" (Yield Cup), "QL" (Quality Loss), and "YE" Protection with Harvest Price 999999.99999999 Round to 8 decimals Internal Price Exclusion Base Coverage level Percent * (Projected Price or Contract (Yield Exclusion) Effective Coverage Level Exclusion Base Premium Rate Premium Rate Price)) Percent will replace Coverage Level Percent. This is a control meant to ensure that the Preliminary Revenue MAX(Simulated Revenue Protection Base Premium Rate Preliminary Revenue premium rate associated with Revenue Protection Premium Add = Simulated Yield Protection Base Premium Rate, 0.01 * Protection Premium Add on Internal 999999,99999999 Round to 8 decimals Protection is at least 1% greater than the basic on Rate Base Premium Rate) Rate Base Premium Rate where the Price Volatility Factor is NOT EQUAL to 0. This is a control meant to ensure that the Preliminary Revenue premium rate associated with Revenue MAX(Simulated Revenue Protection with Harvest Price Preliminary Revenue Protection with Harvest = Exclusion Base Premium Rate - Simulated Yield Protection Protection with Harvest Price Exclusion will Protection with Harvest Price Internal 999999.9999999 Round to 8 decimals Price Exclusion Add on not be less than half of the Base Premium Base Premium Rate, -0.5 * Base Premium Rate) Exclusion Add on Rate Rate Rate where the Price Volatility Factor is NOT EQUAL to 0.

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 01 Yield Protection 02 Revenue Protection 0051 Grain Sorghum 0011 Wheat 0031 Flax 0081 Sovbeans **Commodity Code** 0041 Corn 0067 Dry Peas 0091 Barley 0015 Canola 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Number **Format** Rounding Rules This section is for calculation the 2010 Revenue Assurance Optional Unit Level Base Premium Rate for coverage level percents 65 thru 85 where applicable. Then it is used in conjunction with the Base Premium Rate and Revenue Add On Rates to compute capped Revenue Add On Rates. This table is set up such that the only value that will change from year to year is the Commodity Year. By doing this we are fixing a point where the premium calculation method was changed and applying an exponential capping over time. Section 6: Historical Revenue Capping (Applicable only for Plans 02 and 03) If there is NOT a corresponding row in the Historical Revenue Capping Note: This Section will not apply if record has a Written Agreement. ADM, "A01110", then this calculation does not need to be performed. Furthermore, since coverage level percents 50, 55, 60 did not exist for Revenue Assurance (RA) historically capping does not need to be performed for those coverage level percents as well. If TA is applicable then this will be based on the TA Effective Coverage Level Percent. See next statement. When TA, QL, and YE Option is selected, this section does not apply when the Effective Coverage Level is less than 65%. Capping Yield Ratio Internal 9.99 Round to 2 decimals. Cup at 0.50 and Cap at 1.50. For skip row commodities, the rate yield is the Capping Yield Ratio = Rate Yield / Capping Reference Yield converted rate yield from the P15 record with Rate Yield P15 35 9999999.99 None skip row (yield conversion factor) applied. Edit with ADM Historical Revenue Capping, Capping Reference Yield ADM 99999.99 None "A01110".

Exhibit Number: P11-1, Plan 01, 02, 03
Record Name: Acreage

Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024

Record Code: P11

Insurance Plan Code 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0031 Flax 0051 Grain Sorghum 0081 Soybeans

 Commodity Code
 0015 Canola
 0041 Corn
 0067 Dry Peas
 0091 Barley

 0016 Oats
 0043 Popcorn
 0075 Peanuts
 0094 Rye

 0018 Rice
 0047 Dry Beans
 0078 Sunflowers
 0805 Weaned Calves

 0021 Cotton
 0021 Cotton

	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
		Prior Capping Yield Ratio	Internal		9.99	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.
Prior Capping Yield Ratio =	Prior Capping Yield Ratio = Rate Yield / Prior Capping Reference 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 Data Multiplian	- Counting Visid Batis Accounting Fundament Value	Capping Rate Multiplier	Internal		999999.99999999	Round to 8 decimals.	
Capping Rate Multiplier	- Capping Yield Ratio ^A Capping Exponent Value	Capping Exponent Value	ADM		\$99.999	None	Edit with ADM Historical Revenue Capping, "A01110".
Prior Capping Rate	F Prior Capping Yield Ratio ^Prior Capping Exponent Value	Prior Capping Rate Multiplier	Internal		999999.99999999	Round to 8 decimals.	
Multiplier	Prior Capping field katio Prior Capping Exponent value	Prior Capping Exponent Value	ADM		S99.999	None	Edit with ADM Historical Revenue Capping, "A01110".
	If Rate Method Code = Fixed, "F": Sub County Rate	Historical Capping Base Rate	Internal		999999.99999999	Round to 8 decimals.	
Historical Capping Base = Rate =	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".
	If Rate Method Code = Multiplicative, "M": 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".

Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 01 Yield Protection 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0067 Dry Peas 0015 Canola 0041 Corn 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Number Number Rounding Name **Format** Rules If Rate Method Code = Fixed "F": **Historical Prior Capping Base** Internal 999999.99999999 Round to 8 decimals. Rate Sub County Rate If Rate Method Code = Additive, "A": Sub County Rate ADM 9.9999 None Edit with ADM Sub County Rate, "A01050". Sub County Rate + (Prior Capping Rate Multiplier * Prior Capping Reference Rate + Prior Capping Fixed Rate) Historical Prior Capping If Rate Method Code = Multiplicative, "M": Base Rate Edit with ADM Historical Revenue Capping, Prior Capping Reference Rate ADM 9.9999 Sub County Rate * (Prior Capping Rate Multiplier * Prior "A01110". Capping Reference Rate + Prior Capping Fixed Rate) Otherwise: Edit with ADM Historical Revenue Capping, Prior Capping Fixed Rate ADM 9.9999 (Prior Capping Rate Multiplier * Prior Capping Reference "A01110". Rate + Prior Capping Fixed Rate) Historical Basic Unit Base Rate * 1.2, Rate Historical Capping Base Rate * 1.2, Historical Basic Unit Base 999999.99999999 Round to 8 decimals. Internal

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Vear: 2025

Insurance Plan Code Commodity Code	O1 Yield Protection 0011 Wheat 0015 Canola 0016 Oats		on with Harvest Price Exclusion 0081 Soybeans 0091 Barley 0094 Rye				
	0018 Rice 0021 Cotton Calculations	0047 Dry Beans Field Name	Record Number	<u>Field</u> <u>Number</u>	0078 Sunflowers Field Format	Field Rounding	0805 Weaned Calves 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), "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).
	[beta0 Factor + Beta 1 Factor * Historical Basic Unit Base Rate + Beta 2 Factor * Historical Basic Unit Base Rate ^2 + Beta 3 Factor * Coverage Level Percent + Beta 4 Factor * Coverage Level Percent ^2 + Beta 5 Factor * Approved Yield / Capping Reference Yield + Beta 6 Factor * (Approved Yield / Capping Reference Yield)^2 + Beta 7 Factor * Price Volatility Factor + Beta 8 Factor * Price Volatility Factor^2 +	Historical Revenue Protection Base Premium Rate	Internal		999999999999999999999999999999999999999	Round each intermittent Beta * calculation to 8 decimals as it has been done historically.	
Historical Revenue	Beta 9 Factor * Historical Basic Unit Base Rate * Coverage Level Percent +	Beta O Factor - Beta 14 Factor	ADM		S99.99999999	None	Edit with ADM Historical Revenue Capping, "A01110".
Protection Base Premium Rate	Beta 10 Factor * Historical Basic Unit Base Rate * Approved Yield / Capping Reference Yield +	Price Volatility Factor	ADM		9.99	None	Edit with ADM Price, "A00810".
	Beta 11 Factor * Historical Basic Unit Base Rate * Price Volatility Factor + Beta 12 Factor * Coverage Level Percent * Approved Yield / Capping Reference Yield + Beta 13 Factor * Coverage Level Percent * Price Volatility Factor + Beta 14 Factor * (Approved Yield / Capping Reference Yield) * Price Volatility Factor] * Unit Residual Factor X 1.1	Unit Residual Factor	ADM		999.9999	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).
	When Unit Structure Code is equal to Enterprise Unit, "EU": Replace 'Unit Residual Factor' with 'Enterprise Unit Residual Factor'	Enterprise Unit Residual Factor	ADM		999.9999	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 Numb Record Nam	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans	0041 Corn 0043 Popcorn				0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	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 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).			
Historical Revenue Protection with Harvest Price Exclusion Base Premium Rate	[beta0 Factor + Beta 1 Factor * Historical Basic Unit Base Rate + Beta 2 Facto Historical Basic Unit Base Rate ^2 + Beta 3 Factor * Coverage Level Percent + Beta 4 Factor * Coverage Level Percent ^2 + Beta 5 Factor * Approved Yield / Capping Reference Yield + Beta 6 Factor * (Approved Yield / Capping Reference Yield)^2 Beta 7 Factor * Price Volatility Factor + Beta 8 Factor * Price Volatility Factor^2 + Beta 9 Factor * Historical Basic Unit Base Rate * Coverage Level Percent + Beta 10 Factor * Historical Basic Unit Base Rate * Approved	Historical Revenue Protection with Harvest Price Exclusion Base Premium Rate	Internal		999999999999999999999999999999999999999	Round each intermittent Beta * calculation to 8 decimals as it has been done historically.				
Tremum Nace	Yield / Capping Reference Yield + Beta 11 Factor * Historical Basic Unit Base Rate * Price Volatility Factor +	Beta O Factor - Beta 14 Factor	ADM		\$99.99999999	None	Edit with ADM Historical Revenue Capping, "A01110".			
	Beta 12 Factor * Coverage Level Percent * Approved Yield / Capping Reference Yield +	Price Volatility Factor	ADM		9.99	None	Edit with ADM Price, "A00810".			
	Beta 13 Factor * Coverage Level Percent * Price Volatility Factor + Beta 14 Factor * (Approved Yield / Capping Reference Yield) * Price Volatility Factor] * Unit Residual Factor X 1.1		ADM		999.9999	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).			
	When Unit Structure Code is equal to Enterprise Unit, "EU" Replace 'Unit Residual Factor' with 'Enterprise Unit Residual Factor'	: Enterprise Unit Residual Factor	ADM		999.9999	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 Name Exhibit Number Record Name Record Code	Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
Capped Revenue 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 Add on Rate	Internal		999999999999999999999999999999999999999	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	999999.99999999	None	
		Commodity Year	P14	10	CCYY	None	
		Capping Year	ADM		CCYY	None	Edit with ADM Historical Revenue Capping, "A01110".
Capped Revenue Protection with Harvest Price Exclusion Add on Rate	= Historical Revenue Protection with Harvest Price Exclusion Base Premium Rate * 1.24(Commodity Year -	Capped Revenue Protection with Harvest Price Exclusion Add on Rate	Internal		999999999999999999999999999999999999999	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.
		Base Premium Rate	P11	97	999999.99999999	None	
		Commodity Year	P14	10	CCYY	None	
		Capping Year	ADM		CCYY	None	Edit with ADM Historical Revenue Capping, "A01110".

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0051 Grain Sorghum 0011 Wheat 0081 Sovbeans 0031 Flax **Commodity Code** 0067 Dry Peas 0015 Canola 0041 Corn 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Format Name Number Number Rounding Rules 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. Section 7: Whole Farm Unit Base Premium Rate 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 999999999.9999 Round to 4 decimals. Lookup Rate = Revenue Lookup Rate * Revenue Lookup Adjustment Factor Revenue Lookup Rate Internal 999999999.9999 Round to 4 decimals. From Section 3. Revenue Lookup Adjustment Internal 9.9999999 None From Section 2. Factor Edit with ADM Combo Revenue Factor. "A01030". Mean Quantity commodity ADM 999.99999999 None Search the Combo Revenue Factor, "A01030" Mean Quantity $_{commodityj} = \frac{RRSSS}{Rate}$ Base Rate $_{commodityj}$ Mean Quantity commodityj WHERE Lookup Rate commodityj = for the Mean Quantity, When the Lookup Rate = Base Rate Lookup Rate commodityj Internal 9.9999 None Edit with ADM Combo Revenue Factor, 9.9999 None Base Rate commodity ADM "A01030".

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

Reinsurance Year: 2025 Version: Draft

applied.

	Record Name Record Code	•				on: Draft te: 12/5/2024		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	<u>Calculations</u>	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules	
Standard Deviation Quantity _{commodityj}	Standard Deviation Quantity _{commodityj} WHERE Lookup = Rate _{commodityj} = Base Rate _{commodityj}	Standard Deviation Quantity commodityj	ADM		999.99999999	None	Edit with ADM Combo Revenue Factor, "A01030". Search the Combo Revenue Factor, "A01030" for the Standard Deviation Quantity, When the Lookup Rate = Base Rate	
		Lookup Rate commodityj	Internal		9.9999	None		
		Base Rate _{commodityj}	ADM		9.9999	None	Edit with ADM Combo Revenue Factor, "A01030".	
		Adjusted Mean Quantity commodityj	Internal		999999.99999999	Round to 8 decimals.		
Adjusted Mean Quantity	= Approved Yield $_{commodityj}$ * Mean Quantity $_{commodityj}$ / 100	Approved Yield _{commodityj}	P11	42	99999999.99	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)	

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> ADM Beta, "A01020" for every distinct Beta Id in the ADM Insurance Offer, "A00030".

Record Name: Acreage Bosord Code: D11 Pologge Date: 12/E/2024

	Record Code	Record Code: P11			Release Date:			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	on with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	<u>Record</u> <u>Number</u>	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>	
		Adjusted Standard Deviation Quantity commodityj	Internal		999999999999999999999999999999999999999	Round to 8 decimals.		
Adjusted Standard Deviation Quantity commodityj	= Approved Yield _{commodityj} * Standard Deviation Quantity _{commodityj} / 100	Approved Yield _{commodityj}	P11	42	99999999.99	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) applied.	
		log Mean _{commodityj} (LnMean)	Internal		999999.99999999	Round to 8 decimals.		
LnMean _{commodityj}	= In(Projected Price or Contract Price _{commodityj}) – (Price = Volatility Factor _{commodityj}) ² / 2	Projected Price or Contract Price _{commodityj}	ADM		99999.9999		Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.	
		Price Volatility Factor _{commodityj}	ADM		9.99	None	Edit with ADM Price, "A00810".	
Yield Draw Quantity	= Yield Draw Quantity _{commodity}	Yield 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	

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

Reinsurance Year: 2025

		Record Name: Acreage Record Code: P11	0-				n: Draft :e: 12/5/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
Price Draw Quantity commodity) Sequence Number	, = Price Draw Quantity _{commodity}	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 Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Record Name: Acreage Record Code: P11

Version: Draft

Release Date: 12/5/2024

	Record Code				Release Date.	12/5/202	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
		Simulated Revenue Protection Losses Whole Farm (SimRPLossesWF)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	Simulated Revenue Protection Losses for All Commodity/Acreage report line in the Whole Farm Unit.
Simulated Revenue Protection Losses Whole = Farm		Coverage Level Percent _{commodityj} (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).
		Approved Yield _{commodityj} (AY)	P11	42	99999999.99	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 _{commodityj} (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 Price _{commodityj} (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 _{commodityj} i (Price)	ADM		S99.999999999	None	Price Draw Quantity for each Commodity /Acreage report line in the Whole Farm Unit.

	Exhibit Numbo Record Nam	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules			
		Price Volatility Factor _{commodityj}	Internal		999999.99999999	None	Price Volatility Factor for each Commodity/Acreage report line in the Whole Farm Unit.			
		log Mean _{commodityj} (LnMean)	Internal		999999.99999999	None	Log Mean for each Commodity/Acreage report line in the Whole Farm Unit.			
		Yield Draw Quantity _{commodityj} i (Yield)	ADM		S99.999999999	None	Yield Draw Quantity for each Commodity/Acreage report line in the Whole Farm Unit.			
Simulated Revenue Protection Losses Whole Farm (continued)	Soo all Commodities ∑ Round(MAX(0,∑ Ay _{commodityj} * j= Acres _{commodityj} * covlvl _{commodityj} * Round(MAX(ProjPrice _{commodityj} , Round(MIN(2 * ProjPrice _{commodityj} , Round(e ^{(Pricecommodityj)* Price Volatility} Factor-commodityj + LnMeancommodityj),12)),12)),12) - = all Commodities ∑ Round(MAX(0,Round(Yield _{commodityj})* j= AdjStdDev _{commodityj} + AdjMean _{commodityj} , pand(MIN(2 * ProjPrice _{commodityj} , Round(e ^(Pricecommodityj* Price Volatility Factorcommodityj*) Round(e ^(Pricecommodityj* Price Volatility Factorcommodityj*) LnMeancommodityj),12)),12) * Round(Acres _{commodityj} ,12)),	Adjusted Standard Deviation Quantity _{commodliyj} (AdjStnDev)	Internal		999999999999999999999999999999999999999	None	Adjusted Standard Deviation Quantity for each Commodity/Acreage report line in the Whole Farm Unit.			
	12)	Adjusted Mean Quantity _{commodityj} (AdjMean)	Internal		999999.999999999	None	Adjusted Mean Quantity for each Commodity/Acreage report line in the Whole Farm Unit.			

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

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	Record Name Record Code	=			version Release Date		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
	<u></u>	Simulated Revenue Protection Harvest Price Excluded Losses Whole Farm (SimRPhpeLossesWF)	Internal		99999999999999999999999	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 _{commodityj} (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" (Qualit Loss), and "YE" (Yield Exclusion).
Simulated Revenue Protection Harvest Price Excluded Losses Whole	Soo all commodities ∑ Round(MAX (0, ∑covIvI _{commodityj} * j= AY _{commodityj} * ProjPrice _{commodityj} * Acres _{commodityj}) - all commodities = ∑ Round(MAX(0, Round(Yield _{commodityj}) *	Approved Yield _{commodityj} (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 wit skip row (yield conversion factor) applied.
Farm	j= AdjStdDev _{commodityj} + AdjMean _{commodityj} ,12) * Round(MIN(2 * ProjPrice _{commodityj} , Round(e ^{[Pricecommodityj] * Price Volatility Factorcommodityj +}	Reported Acreage _{commodityj} (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.
	LnMeancommodityj),12)),12) * Round(Acres _{commodityj,12})), 12)	Projected Price or Contract Price _{commodityj} (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Projected Price or Contract Price (as addressed in Section 1) for each Commodity/Acreage report lin in the Whole Farm Unit.
		Yield Draw Quantity _{commodityj} i (Yield)	ADM		S99.999999999	None	Yield Draw Quantity for each Commodity/Acreage report line in the Whole Farm Unit.

	Exhibit Number Record Name	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion					
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves					
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>					
		Adjusted Standard Deviation Quantity _{commodityj} (AdjStnDev)	Internal		999999999999999999999999999999999999999	None	Adjusted Standard Deviation Quantity for each Commodity/Acreage report line in the Whole Farm Unit.					
		Adjusted Mean Quantity _{commodityj} (AdjMean)	Internal		999999.999999999	None	Adjusted Mean Quantity for each Commodity/Acreage report line in the Whole Farm Unit.					
		Price Draw Quanity _{commodityj} i (Price)	ADM		\$99.99999999	None	Price Draw Quantity for each Commodity/Acreage report line in the Whole Farm Unit.					
Simulated Revenue Protection Harvest Price Excluded Losses Whole = Farm (continued)	all commodities Second(MAX (0, ScovIvI _{commodity})* j= AY _{commodity} * ProjPrice _{commodity} * Acres _{commodity} - all commodities Second(MAX(0, Round(Yield _{commodity}))* j= AdjStdDev _{commodity} + AdjMean _{commodity} , 12), 12) * Round(MIN(2 * ProjPrice _{commodity} , Round(e ^{(Pricecommodity}) * Price Volatility Factorcommodity + LnMeancommodity), 12)), 12) * Round(Acres _{commodity} , 12)),	Price Volatility Factor _{commodityj}	Internal		999999.99999999	None	Price Volatility Factor for each Commodity/Acreage report line in the Whole Farm Unit.					
	12)	log Mean _{commodityj} (LnMean)	Internal		999999.9999999	None	Log Mean for each Commodity/Acreage report line in the Whole Farm Unit.					

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

Reinsurance Year: 2025

		Record Name: Acreage Record Code: P11				Version: Draft ease Date: 12/5/2024		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola	0031 Flax 0041 Corn			0051 Grain Sorghum 0067 Dry Peas		0081 Soybeans 0091 Barley	
	0016 Oats 0018 Rice 0021 Cotton	0043 Popcorn 0047 Dry Beans	0043 Popcorn				0094 Rye 0805 Weaned Calves	
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
	<u>SimRPLossesWF</u> 500	Coverage Level Percent _{commodityj} (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	= $\sum_{j=1}^{\text{all commodities}} AY_{\text{commodity}} * AY_{\text{commodity}} * ProjPrice_{\text{constant}}$	Revenue Protection Whole Farm Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.		
	Acres _{commodityj})	Projected Price or Contract Price _{commodityj} (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Projected Price or Contract Price (as addressed in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.	

		•			Reinsurance Year Version Release Date	: Draft	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
	<u>SimRPhpeLossesWF</u> 500	Coverage Level Percent _{commodityj} (covivi)	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), "QL" (Quality Loss), and "YE" (Yield Exclusion).
Revenue Protection with Harvest Price Exclusion = Whole Farm Rate	all commodities	Revenue Protection with Harvest Price Exclusion Whole Farm Rate	Internal		9999999999999999	Round to 8 decimals.	
	Acres _{commodityj})	Projected Price or Contract Price _{commodityj} (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Projected Price or Contract Price (as addressed in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.
When Insurance Plan Code	equals Revenue Protection, "02":						
Whole Farm Base Premium Rate	Revenue Protection Whole Farm Rate	Whole Farm Base Premium Rate	Internal		999999999.99999999	None	
When Insurance Plan Code "03":	equals Revenue Protection with Harvest Price Exclusion,						
Whole Farm Base Premium Rate	Revenue Protection with Harvest Price Exclusion Whole Farm Rate	Whole Farm Base Premium Rate	Internal		999999999.9999999	None	

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0015 Canola 0041 Corn 0067 Dry Peas 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Format Rounding Number Rules The Premium Rate for ALL Unit Structures should be capped at .999 in the event various Section 8: Premium Rate adjustments to the Base Premium Rate would cause it to exceed 1.0. When Unit Structure Code equals Whole Farm Unit, "WU": Premium Rate is capped at 0.99900000. MIN(.999, For situations where the option factors vary Round(Whole Farm Base Premium Rate by Commodity, a reported Acreage weighted * Sum ((Reported Acreage * Multiplicative Optional Rate average of the Option Factors should be used Round to 8 decimals Premium Rate Internal 9999999999999999 Adjustment Factor) / Sum(Total Reported Acreage) for to determine the Multiplicative and Additive Premium Rate = Whole Farm including Prevented Planting) Optional Rate adjustments to be used in the + Sum ((Reported Acreage * Additive Optional Rate computation of the Premium Rate for Whole Adjustment Factor) / Sum(Total Reported Acreage) for Farm Unit. Whole Farm including Prevented Planting), 8)) Total Reported Acreage for the Whole Farm **Total Reported Acreage** Internal 9999999.99 None including Prevented Planting.

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection		02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton		0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations		<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules	
When Unit Structure Code Premium Rate	MIN(.999, Base Premium Rate * U Factor * Multiplicative Optional Ra Additive Optional Rate Factor + Ca Factor)	Init Structure Discount ate Adjustment Factor+	Premium Rate	Internal		99999999999999999	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 Whole Farm (WU), set Capped Revenue Add On Factor as follows: If Section 6 is applicable, Capped Revenue Add On Factor will equal Capped Revenue Protection Add On Rate when Insurance Plan Code equals 02 or Capped Revenue Protectio with Harvest Price Exclusion 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 03 or Preliminary Revenue Protection with Harvest Price Exclusion Add On Rate when Insurance Plan Code equals 03	

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2025 Version: Draft

		Record Name: Acreage Record Code: P11			Versio Release Dat		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans	1041 Corn 0067 Dry Peas 1043 Popcorn 0075 Peanuts				0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
Section 9: Total Premium	Amount, Subsidy Amount, and Producer Premium Amount						
		Preliminary Total Premium	Internal		999999999	Round to whole number.	
		Experience Factor	P11	47	9.999	None	Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".
Preliminary Total Premium	Premium Liability Amount * Premium Rate * Experience = Factor * Premium Surcharge Percent * Total Premium Multiplicative Optional Rate Adjustment Factor	Premium Surcharge Percent	Internal				Use when the Approved Yield Had a Cup or Surcharge applied. Does not apply when option "YC" is elected. Set to 1.00.
		Total Premium Multiplicative Optional Rate Adjustment Factor	ADM		9.9999	None	If Option Rate with Rate Method Code equal "T". Edit with ADM Option Rate, "A01060". Currently this will be used for Short Rate Option.
		Total Premium Amount	P11	95	999999999	Round to whole number.	
Total Premium Amount	= Preliminary Total Premium * Multiple Commodity Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Used when there is a first Commodity Loss.
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 fo subsidy calculations.
·		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount	= Lotal Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.	

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0041 Corn 0067 Dry Peas 0091 Barley 0015 Canola 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Format Rounding Name Number Number Rules Information (Approved Yield, Reported Acreage, Insured Share Percent) will be obtained from Cotton P11 record and Rate Cottonseed Endorsement Option 'SE' 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 Calculation Round to whole Modified Yield 99999999.99 Internal Number. From Cotton P11 record. For skip row cotton, the approved yield is the Modified Yield = Approved Yield * Option Conversion Factor Approved Yield P11 42 9999999.99 None 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". Round to whole Premium Guarantee Per Acre number. Premium Guarantee Per Acre Amount = Modified Yield * Coverage Level Percent Internal 999999999.99 Amount Coverage Level Percent P14 34 9.9999 None Round to whole When Guarantee Adjustment Type Code equals Late number. Planting, "L" OR Prevented Planting, "P": Guarantee Per Acre Amount Internal 99999999.99 Guarantee Per Acre Amount Edit with the Guarantee Adjustment ICE, Guarantee Adjustment Premium Guarantee Per Acre Amount * Guarantee P11 69 0.999 None "D00068" or ADM Guarantee Adjustment, Factor Adjustment Factor "A01220" for Prevented Planting.

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

Reinsurance Year: 2025

	Reco	Record Name: Acreage Record Code: P11				n: Draft e: 12/5/2024		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
Price Election Amount :	= Projected Price * Price Election Percent	Price Election Amount	Internal		9999.9999	None	Cottonseed will equal the Projected Price from ADM regardless of Price Election Percent for Cotton Lint.	
The 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 Ele	Premium Total Guarantee ction 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.	
Total Guarantee Amount	_ Guarantee Per Acre Amount * Price Election Amo	ount * Total Guarantee Amount	P11	103	99999999.99	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	Premium Total Guarantee Amount * Insured Sha Percent	Premium Liability Amount	Internal		999999999	Round to whole number.		
Amount	Percent	Insured Share Percent	P11	43	9.9999	None	From Cotton P11 record.	
Liability Amount	= Total Guarantee Amount * Insured Share Percer	t Liability Amount	P11	94	999999999	Round to whole number.		
		Insured Share Percent	P11	43	9.9999	None	From Cotton P11 record.	

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2025

	Exhibit Number Record Name Record Code	•			Reinsurance Year: Version: Release Date:	Draft	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
Section 11: Premium Rate		ı	ı ı			•	
Premium Rate	MIN(.999, Base Premium Rate * Unit Structure Discount = Factor * Multiplicative Optional Rate Adjustment Factor+ Additive Optional Rate Factor)	Premium Rate	Internal		999999999999999999999	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 components 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 Adjustment Factor	Internal		999999.9999		

		•			Reinsurance Yea Versior Release Date	n: Draft	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	tion with Harvest Price Exclusion
	0011 Wheat	0031 Flax			0051 Grain Sorghum		0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflowers		0805 Weaned Calves
	0021 Cotton						
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	
	<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules
ection 12: Total Premiu	m Amount, Subsidy Amount, and Producer Premium Amoun	Preliminary Total Premium	Internal		999999999	Round to whole number.	
Preliminary Total Premium	= Premium Liability Amount * Premium Rate * Experience 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 Percent					Does not apply when option "YC" is elected. Set to 1.00.
Total Premium Amount	Preliminary Total Premium * Multiple Commodity	Total Premium Amount	P11	95	999999999	Round to whole number.	
Total Fremium Amount	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
			P11	93	999999999	Round to whole	If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 18 fo
Subsidy Amount	= Total Premium Amount * Subsidy Percent	Subsidy Amount	PII	93	999999999	number.	subsidy calculations.
Subsidy Amount	= Total Premium Amount * Subsidy Percent	Subsidy Amount Subsidy Percent	ADM	93	9.999	number.	ŕ

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Record Name: Acreage Version: Draft Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0067 Dry Peas 0015 Canola 0041 Corn 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Record **Field** Calculations Name Number Number **Format** Rounding Rules Trend Adjustment Option (TA), Yield Cup Option (YC), Quality Loss Option (QL), and APH Yield Trend (Trend Adjustment Option 'TA'), Yield Cup (Option 'YC'), Quality Loss (Option 'QL'), and Yield Exclusion (Option 'YE') Yield Exclusion Option (YE) ONLY available in select counties for selected crops. See "white papers" for examples. Section 13: Effective Coverage Level Calculation When Commodity Code equals Dry Beans "0047" and Type Code equals Contract "62", or Commodity Code equals Dry Peas "0067" and Type Code equals Spring Contract "98": Effective Coverage Level Internal 99.9999 Round to 2 decimals. Percent P14 34 9.9999 Coverage Level Percent None For APH Trend, Yield Cup, Quality Loss, and Yield Exclusion, the Approved Yield will be the Percent Contract Price,0) / Adjusted Yield Approved Yield P11 42 9999999.99 None greater of the calculated Approved Yield and the Adjusted Yield. Contract Price P11 46 9999.9999 None Adjusted Yield P15 44 9999999.99 None For all others: Effective Coverage Level Rounded to 2 Internal 99.9999 Percent decimal places. Coverage Level Percent P14 34 9.9999 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. Effective Coverage Level = Coverage Level Percent * Approved Yield/Adjusted Yield Approved Yield P11 42 9999999.99 None For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied. For skip row commodities, the adjusted yield is the converted adjusted yield from the P15 P15 99999999.99 Adjusted Yield 44 None record with skip row (yield conversion factor)

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0051 Grain Sorghum 0011 Wheat 0031 Flax 0081 Sovbeans **Commodity Code** 0041 Corn 0067 Dry Peas 0015 Canola 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Rounding Name Number Number Format Rules When Trend Adjustment Option (TA) was chosen and yield reflects a trend or when Section 14: Rate Differential Factor 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 Code List contains Options "QL", "YE" or "YC": Round to 9 decimal Rate Differential Factor Internal 9.99999999 places. Base Rate Differential Factor is equal to Rate Differential for Minimum of 1) Maximum available Coverage Level or; 2) available Base Rate Differential Factor ADM 9.99999999 None Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". (1+ (ROUND (MIN ((MAX (0.85, Effective Coverage Based on the 'upper bound' Coverage Level. Level Percent) -0.85) / 0.15) ,1)³ ,7)) * 0.05) * (Round(Base Edit with ADM Coverage Level Differential, Rate Differential Factor + (Upper Bound Rate Differential Rate Differential Factor "A01040". Factor - Lower Bound Rate Differential Factor) * (Effective If the Effective Coverage Level equals an Coverage Level Percent - Floored Effective Coverage Level existing ADM Coverage Level then this will be Percent) * 20, 9)) based on the Effective Coverage Level. **Upper Bound Rate** If the Effective Coverage Level falls between ADM 9.99999999 None Differential Factor 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 Numbe Record Nam Record Cod	•			: 2025 : Draft : 12/5/2024		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
Rate Differential Factor	(1+ (ROUND (MIN (((MAX (0.85,Effective Coverage Level Percent) -0.85) / 0.15) ,1) ³ ,7)) * 0.05) * (Round(Bask		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.
(continued)	Factor - Lower Bound Rate Differential Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level - Floore	/e Effective Coverage Level	Internal		99.9999	None	
	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 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.

Insurance Plan Code Commodity Code		•			Reinsurance Year Version Release Date 0051 Grain Sorghum 0067 Dry Peas	: Draft :: 12/5/2024	on with Harvest Price Exclusion 0081 Soybeans 0091 Barley
	0016 Oats 0018 Rice 0021 Cotton	0043 Popcorn 0047 Dry Beans			0075 Peanuts 0078 Sunflowers		0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
	Round(Base Prior Year Rate Differential Factor + (Upper	Prior Year Rate Differential Factor Base Prior Year Rate Differential Factor	Internal ADM		9.99999999	Round to 9 decimal places. 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	Bound Prior Year Rate Differential Factor - Lower Bound = Prior Year Rate Differential Factor) * (Effective Coverage	Upper Bound Prior Year Rate 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 Name: Premium Calculat Exhibit Number: P11-1, Plan 01, 02 Record Name: Acreage Record Code: P11				1, Plan 01, 02, 03 Reinsurance Year: 2025							
Insurance Plan Code	01 Yield Protection	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion									
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves					
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules					
	Round(Base Prior Year Rate Differential Factor + (Uppe	Lower Bound Prior Year Rate 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 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 Differential Factor	, , , , ,	d Effective Coverage Level	Internal		99.9999	None						
(continued)	Level Percent - Floored Effective Coverage Level 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 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 then this will be the highest ADM Coverage Level.					

		Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024						
Insurance Plan Code	01 Yield Protection	02 Re	evenue Protection				03 Revenue Protection	on with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton					0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations		<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>			
When Trend Adjustment	Option "TA" is elected alone (excludes '	'YC" and "YE")						_			
		Rate	Differential Factor	Internal		9.99999999	Round to 9 decimal places.				
		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 + = Differential Factor - Lower Bound Rat * (Effective Coverage Level Percent - Coverage Level Percent) * 20, 9)	Differ (Upper Bound Rate e Differential Factor)	er Bound Rate rential Factor	ADM		9.999999999	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 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.			

		Record Name:	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Yea Versior Release Date	ı: Draft	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton		0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	<u>Calculations</u>		<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
			Lower Bound Rate 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.
			Effective Coverage Level Percent	Internal		99.9999	None	
Rate Differential Factor	Round(Base Rate Differential Fa - = Differential Factor - Lower Boun * (Effective Coverage Level Perc Coverage Level Percent) * 20, 9)	d Rate Differential Factor) ent - Floored Effective	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 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 then this will be the highest ADM Coverage Level.

	Exhibit Number: Record Name:	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>			
	Round(Base Prior Year Rate Differential Factor + (Upper	Prior Year Rate Differential Factor Base Prior Year Rate Differential Factor	Internal ADM		9.99999999	Round to 9 decimal places. 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	Bound 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 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 Record Name	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>			
	Round(Base Prior Year Rate Differential Factor + (Upper	Lower Bound Prior Year Rate 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.			
	Bound Prior Year Rate Differential Factor - Lower Bound = Prior Year Rate Differential Factor) * (Effective Coverage	Effective Coverage Level Percent	Internal		99.9999	None				
(continued)	Level Percent - Floored Effective Coverage Level 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 equals an existing ADM 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 then this will be the highest ADM Coverage Level.			

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0015 Canola 0041 Corn 0067 Dry Peas 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Format Rounding Number Rules The lookup/interpolation/extrapolation procedure for 'Unit Residual Factor and Prior Unit Residual Factor' when Trend Adjustment Section 15: Unit Residual Factor 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 Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU", use the following calculations for Unit Residual Factor and Prior Year Unit Residual Factor: The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels Round to 4 decimal Unit Residual Factor Internal 999.9999 within the chosen unit structure regardless of places. Coverage Type Code where applicable (Buyup/CAT). Base Unit Residual Factor is equal to Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Base Unit Residual Factor ADM 999.9999 None Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2025

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.

	Record Name:	Record Name: Acreage Record Code: P11			Version: Draft Release Date: 12/5/2024			
Insurance Plan Code	01 Yield Protection	field Protection 02 Revenue Protection			03 Revenue Protection with Harvest Price E			
Commodity Code	0016 Oats	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>	
Unit Residual Factor :	Round(Base Unit Residual Factor + (Upper Bound Unit Residual Factor - Lower Bound Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Upper Bound Unit Residual Factor	ADM		999.9999	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.	

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

Reinsurance Year: 2025

Level then this will be the highest ADM

Coverage Level.

	Record Na	nber: P11-1, Plan 01, 02, 03 ame: Acreage Code: P11				ar: 2025 on: Draft te: 12/5/2024		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans	0041 Corn 0043 Popcorn				0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
		Lower Bound Unit Residual Factor	ADM		999.9999	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.	
Unit Residual Factor	Round(Base Unit Residual Factor + (Upper Bound Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective	Effective Coverage Level Percent	Internal		99.9999	None		
(55.3.1.000)	Coverage Level Percent) * 20, 4)	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 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	

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0051 Grain Sorghum 0011 Wheat 0031 Flax 0081 Sovbeans **Commodity Code** 0067 Dry Peas 0015 Canola 0041 Corn 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Number **Format** Rounding Rules The cap value for the Residual Factors is the Prior Year Unit Residual Round to 4 decimal Internal 999,9999 MAX(Residual Factor) from all coverage levels Factor places. within the chosen unit structure Base Prior Year Unit Residual Factor is equal to Prior Year Unit Residual for Minimum of 1) Base Prior Year Unit Residual Maximum available Coverage Level or; 2) available ADM 999.9999 None Factor Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". 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. Upper Bound Prior Year Unit Round(Base Prior Year Unit Residual Factor + (Upper ADM 999,9999 None If the Effective Coverage Level falls between Residual Factor Bound Prior Year Unit Residual Factor - Lower Bound existing ADM Coverage Levels then this will be Prior Year Unit Residual = Prior Year Unit Residual Factor) * (Effective Coverage based on the higher ADM Coverage Level. Factor If the Effective Coverage Level is greater than the Level Percent - Floored Effective Coverage Level Percent) maximum ADM Coverage Level then this will be * 20, 4) based on the highest ADM Coverage Level. 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. Lower Bound Prior Year Unit ADM 999.9999 If the Effective Coverage Level falls between None Residual Factor 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 Internal 99,9999 None Percent

	Exhibit Number: Record Name: Record Code:	J			: 2025 : Draft : 12/5/2024		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
Prior Year Unit Residual Factor (continued)	= Prior Year Unit Residual Factor) * (Effective Coverage	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 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 Level. If the Effective Coverage Level sten 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: 2025 Version: Draft				
	Record Name Record Code	•				n: Draft e: 12/5/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection					on with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
		<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 Code	e is equal to Enterprise Unit, 'EU', use the following calculat	Enterprise Unit Residual Factor	Internal	Prior Year E	999.9999	Round to 4 decimal places.	The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure		
		Base Enterprise Unit Residual Factor	ADM		999.9999	None	Base Enterprise Unit Residual Factor is equal to Enterprise 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".		
Enterprise Unit Residual Factor	= Enterprise Unit Residual Factor) * (Effective Coverage	Upper Bound Enterprise Unit Residual Factor	ADM		999.9999	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 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0015 Canola 0041 Corn 0067 Dry Peas 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Number Number Format Rounding Name Rules 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. Lower Bound Enterprise Unit ADM 999.9999 None If the Effective Coverage Level falls between Residual Factor 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. Round(Base Enterprise Unit Residual Factor + (Upper Enterprise Unit Residual Bound Enterprise Unit Residual Factor - Lower Bound Effective Coverage Level Internal 99,9999 None Factor = Enterprise Unit Residual Factor) * (Effective Coverage Percent Level Percent - Floored Effective Coverage Level Percent) (continued) Based on the 'floored' Coverage Level. Edit * 20, 4) 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. Floored Effective Coverage Internal 99.9999 None If the Effective Coverage Level Percent falls 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.

		•	Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024							
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	on with Harvest Price Exclusion			
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>			
		Prior Year Enterprise Unit Residual Factor	Internal		999.9999	Round to 4 decimal places.	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 Unit Residual Factor	ADM		999.9999	None	Base Enterprise Prior Year Unit Residual Facto is 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 Residual Factor	(Upper Bound Prior Year Enterprise Unit Residual Factor - = Lower Bound Prior Year Enterprise Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Upper Bound Prior Year Enterprise Unit Residual Factor	ADM		999.9999	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

Reinsurance Year: 2025

	Record Name Record Code	•			n: Draft :e: 12/5/2024		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
'	Round(Base Enterprise Prior Year Unit Residual Factor + (Upper Bound Prior Year Enterprise Unit Residual Factor - = Lower Bound Prior Year Enterprise Unit Residual Factor) *	Lower Bound Prior Year Enterprise Unit Residual Factor	ADM		999.9999	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.
(continued)	•	Effective Coverage Level Percent	Internal		99.9999	None	
	25, 1,	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 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 Record Name Record Code	: P11			Reinsurance Year Version Release Date	: Draft : 12/5/2024	Oraft .2/5/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	on with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>	
When Unit Structure Code	e is equal to Whole Farm Unit, 'WU', use the following calcu	lations for Whole Farm Unit Re	sidual Facto	r and Prior Y	ear Whole Farm Unit Resi	dual Factor:	_	
		Whole Farm Unit Residual Factor	Internal		999.9999	Round to 4 decimal places.	The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure	
		Base Whole Farm Unit Residual Factor	ADM		999.9999	None	Base Whole Farm Unit Residual Factor is equal to Whole Farm 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".	
Whole Farm Unit Residual Factor	Round(Base Whole Farm Unit Residual Factor + (Upper Bound Whole Farm Unit Residual Factor - Lower Bound = Whole Farm Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Upper Bound Whole Farm Unit Residual Factor	ADM		999.9999	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.	

02 Revenue Protection

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

Record Name: Acreage

Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024

Record Code: P11

03 Revenue Protection with Harvest Price Exclusion

Commodity Code 0015 Canola

Insurance Plan Code

0015 Canola 0016 Oats 0018 Rice

01 Yield Protection

 0031 Flax
 0051 Grain Sorghum

 0041 Corn
 0067 Dry Peas

 0043 Popcorn
 0075 Peanuts

 0047 Dry Beans
 0078 Sunflowers

0094 Rye 0805 Weaned Calves

0081 Sovbeans

0091 Barley

0021 Cotton Field Field Field Field Record Calculations Number Format Rounding Name Number Rules 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. Lower Bound Whole Farm ADM 999.9999 None If the Effective Coverage Level falls between Unit Residual Factor 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. Round(Base Whole Farm Unit Residual Factor + (Upper Whole Farm Unit Bound Whole Farm Unit Residual Factor - Lower Bound Effective Coverage Level Residual Factor = Whole Farm Unit Residual Factor) * (Effective Coverage Internal 99.9999 None Percent (continued) Level Percent - Floored Effective Coverage Level Percent) * 20, 4) 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. Floored Effective Coverage Internal 99.9999 None If the Effective Coverage Level Percent falls 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 Reinsurance Year: 2025 Record Name: Acreage Version: Draft Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0067 Dry Peas 0015 Canola 0041 Corn 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Number **Format** Rounding Rules The cap value for the Residual Factors is the Prior Year Whole Farm Unit Round to 4 decimal Internal 999,9999 MAX(Residual Factor) from all coverage levels Residual Factor places. within the chosen unit structure Round(Base Whole Farm Prior Year Unit Residual Factor + Base Whole Farm Base Prior Year Unit Residual Prior Year Whole Farm (Upper Bound Prior Year Whole Farm Unit Residual Factor Factor is equal to Whole Farm Base Prior Year Unit Unit Residual Factor - Lower Bound Prior Year Whole Farm Unit Residual Base Whole Farm Base Prior Residual for Minimum of 1) Maximum available Factor) * (Effective Coverage Level Percent - Floored ADM 999.9999 None Year Unit Residual Factor Coverage Level or: 2) available Coverage Level less Effective Coverage Level Percent) * 20, 4) than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". 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 **Upper Bound Prior Year** Effective Coverage Level. Whole Farm Unit Residual ADM 999.9999 None If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be Factor 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. Round(Base Whole Farm Prior Year Unit Residual Factor + Prior Year Whole Farm (Upper Bound Prior Year Whole Farm Unit Residual Factor Unit Residual Factor - Lower Bound Prior Year Whole Farm Unit Residual Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". Factor) * (Effective Coverage Level Percent - Floored If the Effective Coverage Level equals an existing Effective Coverage Level Percent) * 20, 4) ADM Coverage Level then this will be based on the Lower Bound Prior Year Effective Coverage Level. Whole Farm Unit Residual ADM 999,9999 None If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be Factor 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.

		•			Reinsurance Year Version Release Date	: Draft	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
		Effective Coverage Level Percent	Internal		99.9999	None	
	Round(Base Whole Farm Prior Year Unit Residual Factor (Upper Bound Prior Year Whole Farm Unit Residual Fact - Lower Bound Prior Year Whole Farm Unit Residual 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. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.
Section 16: Unit Discount	Calculation				Factor, and Enterprise Unit	Discount Factor' when Tre	r 'Optional Unit Discount Factor, Basic Unit Discount end Adjustment Option (TA), Yield Cup Option (YC), E) was chosen and yield reflects a trend.
When Unit Structure Code	is equal to Optional Unit, "OU", "UA", or "UD", use the f	ollowing calculation for Unit Stru	ucture Discoເ	ınt Factor:			
		Unit Structure Discount Factor	Internal		9.99999999	Round to 4 decimal places.	Capped at 1.0
		Base Coverage Level Percent Optional Unit Discount Factor	ADM		9.99999999	None	Base Coverage Level Percent Optional Unit Discount Factor is equal to Percent Optional Discount 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 N Record	t Name: Premium Calculation lumber: P11-1, Plan 01, 02, 03 I Name: Acreage d Code: P11	r: P11-1, Plan 01, 02, 03 e: Acreage			r: 2025 i: Draft e: 12/5/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
	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)	ercent Discount Factor erage fective	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 Levels then this will be based on the higher 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 Percent Optional Unit Discount 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 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.

		•		Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
		Effective Coverage Level Percent	Internal		99.9999	None	1000
Unit Structure Discount Factor (continued)	Level Percent Optional Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	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 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.
When Unit Structure Code	is equal to Basic Unit, 'BU', use the following calculation fo		or:	ı		Ta	
		Unit Structure Discount Factor	Internal		9.99999999	Round to 4 decimal places.	Capped at 1.0
		Base Coverage Level Percent Basic Unit Discount Factor	ADM		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 Leve or; 2) available Coverage Level less than or equal t Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".

Fyhihit Number: P11-1 Plan 01 02 03

	Exhibit Number: Record Name: Record Code:	•			: 2025 : Draft : 12/5/2024			
Insurance Plan Code	01 Yield Protection 02 Revenue Protection			03 Revenue Protection with Harvest Price Exclusion				
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>	
	Round(Base Coverage Level Percent Basic Unit Discount Factor + (Upper Bound Coverage Level Percent Basic Unit Discount Factor - Lower Bound Coverage Level Percent Basic Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Upper Bound Coverage Level Percent Basic Unit Discount 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 Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name: Acreage Record Code: P11			Version: Draft Release Date: 12/5/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
		Lower Bound Coverage Level Percent Basic Unit Discount Factor	ADM			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.
		Effective Coverage Level Percent	Internal		99.9999	None	
Unit Structure Discount Factor (continued)	= Discount Factor - Lower Bound Coverage Level Percent = Basic Unit Discount Factor) * (Effective Coverage Level	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 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 Name	: Premium Calculation							
	Exhibit Number	: P11-1, Plan 01, 02, 03		Reinsurance Year: 2025					
	Record Name	: Acreage			Version	1: Draft	Praft		
	Record Code	P11 Release Date: 12/5/2024							
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	on with Harvest Price Exclusion		
	0011 Wheat	0031 Flax			0051 Grain Sorghum		0081 Soybeans		
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley		
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye		
	0018 Rice	0047 Dry Beans			0078 Sunflowers		0805 Weaned Calves		
	0021 Cotton								
		<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	Rules		
When Unit Structure Code	e is equal to Enterprise Unit, 'EU', use the following calculat		Factor:						
l		Unit Structure Discount Factor	Internal		9.99999999	Round to 4 decimal places.	Capped at 1.0.		
		Base Coverage Level Percent Enterprise Unit Discount Factor	ADM		9.99999999	None	Base Coverage Level Percent Enterprise Unit Discount Factor is equal to Enterprise Unit Discoun 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, "A01040".		
Unit Structure Discount Factor Factor Discount 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 Percent Enterprise Unit Discount 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 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 Percent Enterprise Unit Discount Factor	ADM			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.		
		Effective Coverage Level Percent	Internal		99.9999	None			

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Record Name: Acreage Version: Draft Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0051 Grain Sorghum 0011 Wheat 0031 Flax 0081 Sovbeans **Commodity Code** 0041 Corn 0067 Dry Peas 0015 Canola 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Name Number Number Format Rounding Rules 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 Enterprise Unit Discount Factor + (Upper Bound Coverage Level Percent existing ADM Coverage Level then this will be Unit Structure Discount Enterprise Unit Discount Factor - Lower Bound Coverage Floored Effective Coverage the Effective Coverage Level. Factor = Internal 99,9999 None Level Percent Enterprise Unit Discount Factor) * Level Percent If the Effective Coverage Level falls between (continued) (Effective Coverage Level Percent - Floored Effective existing ADM Coverage Levels then this will be Coverage Level Percent) * 20, 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. 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 Downed Rice Endorsement (DRE) Option 'DC' 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 high-risk CAT acreage if excluded from additional coverage for Base Rice. Section 17: Liability Calculation Round to whole Internal Premium Liability Amount 999999999 number. Edit with ADM Price, "A00810", Fixed Dollar Amount of Insurance None ADM 99999 Coverage Amount with insurance option = Premium Liability _ Dollar Amount of Insurance * Reported Acreage * Insured 'DC'. Amount Share Percent * Price Election Percent Reported Acreage P11 48 9999999.99 None DRE insured share will always be 100% Insured Share Percent P11 43 9.9999 None

ICE

Price Election Percent

9.9999

None

without regards to base Rice.

From base Rice P14 record.

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				n: 2025 n: Draft e: 12/5/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection	03 Revenue Protec			tion with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans		0	1051 Grain Sorghum 1067 Dry Peas 1075 Peanuts 1078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
		Liability Amount	P11	94	999999999	Round to whole number.	
Liability Amount = Dollar Amount of Insurance * Reported Acreage * Insu Share Percent * Price Election Percent	_ Dollar Amount of Insurance * Reported Acreage * Insured	Dollar Amount of Insurance	ADM		99999	None	Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = 'DC'.
	Share Percent * Price Election Percent	Reported Acreage	P11	48	999999.99	None	
		Insured Share Percent	P11	43	9.9999	None	DRE insured share will always be 100% without regards to base Rice.
		Price Election Percent	ICE		9.9999	None	From base Rice P14 record.
ection-18: Total Premiu	m Amount, Subsidy Amount, and Producer Premium Amoun	t					
Preliminary Total	l	Preliminary Total Premium	Internal		999999999	Round to whole number.	
Premium	= Premium Liability Amount * Premium Rate	Premium Rate	ADM			None	Edit with ADM Option Rate, "A01060", rate with insurance option = 'DC'.
Total Premium Amount	: = Preliminary Total Premium	Total Premium Amount	P11	95	999999999	Round to whole number.	
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 fo subsidy calculations.
	•		ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070". Will always be 38% for DRE.
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.	
ection 19: Beginning Far	mer and Rancher (BFR), Veteran Farmer Rancher (VFR), Nati	ive Sod (NS) and Conservation	Compliance	(CC) Subsidy C	Calculations		
Base Subsidy Amount	= Total Premium Amount * Subsidy Percent	Base Subsidy Amount	Internal		999999999	Round to whole number.	Cupped by the standard rule of \$1 if applicable.
Base Subsidy Amount = Total Premium Amount * Subsidy Percent		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".

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

	Record Name: AcreageVersion: DrRecord Code: P11Release Date: 12						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
BFR/VFR Subsidy Amount :	Total Premium Amount * 0.10 * (1 - CC Subsidy Reduction Percent)	BFR/VFR Subsidy Amount	Internal		999999999	Round to whole number.	Beginning Farmer Rancher/Veteran Farmer Rancher Subsidy Amount. If Applicable; else 0. 0.10 (10%).
Native Sod Subsidy Amount	= Total Premium Amount * 0.50	Native Sod Subsidy Amount	Internal		999999999	Round to whole number.	If Applicable; else 0. 0.50 (50%). For CAT coverage, Native Sod Subsidy Amount is always 0.
CC Subsidy Reduction	= Base Subsidy Amount * CC Subsidy Reduction Percent	CC Subsidy Reduction Percent	P11	76	9.9999	None	If Applicable; else 0.
Amount	= Base Subsidy Amount + CC Subsidy Reduction Percent	CC Subsidy Reduction 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 Sod Subsidy Amount - CC Subsidy Reduction Amount	Subsidy Amount	P11	93	999999999	Round to whole number.	Subsidy Amount cannot exceed Total Premium Amount. Subsidy Amount will be cupped at \$0.
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.	

Exhibit Name: Premium Calculation Fyhihit Number: P11-1 Plan 01 02 03

	Record Nam	xhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year Version: Release Date:		
surance Plan Code	01 Yield Protection	02 Revenue Protection	02 Revenue Protection			03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans		0051 Grain Sorg 0067 Dry Peas 0075 Peanuts 0078 Sunflower		os 0091 Barley 0094 Rye	
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
		Unadjusted Liability Amount	Internal		999999999	Round to whole number.	
Unadjusted Liability	Pound//Coverage Level Percent/Effective Coverage Level	Coverage Level Percent	P14	34	9.9999	None	
Unadjusted Liability	Percent),10) * Premium Liability Amount	Effective Coverage Level Percent	Internal		99.9999		
		Premium Liability Amount	Internal		999999999	Round to whole number.	
		Max Coverage Level Adjustment Factor	Internal		999999999999999999999999999999999999999	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		999999999.99999	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		ADM		9.99999999	None	
	Rate * Premium Liability Amount),8) +	Base Unit Residual Factor	ADM		999.9999	None	
Max Coverage Level Adjustment Factor	ROUND(ROUND(Base Rate Differential Factor * Base Un Residual Factor * Base Optional Unit Structure Discount Factor * Unadjusted Liability Amount,8)/Premium Liability Amount,8)		ADM		9.99999999	None	Base Optional Unit Structure Discount Fisequal to Optional Unit Discount Factor Minimum of 1) Maximum available Cove Level or; 2) available Coverage Level less or equal to Effective Coverage Level. Edi

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024			
Insurance Plan Code	01 Yield Protection 02 Revenue Protection				03 Revenue Protection with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>	
	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 Discount Factor	ADM		9.99999999	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, "A01040". 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.	

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion			
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers				0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>			
	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	Base Enterprise Unit Structure Discount Factor	ADM		9.99999999	None	Base Enterprise Unit Structure 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, "A01040". 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.			
Max Coverage Level Adjustment Factor (continued)	Structure Discount Factor * Unadjusted Liability Amount,8)/Premium Liability Amount,8)	Base Enterprise Unit Residual Factor	ADM		999.9999	None	Base Enterprise Unit Residual Factor is equal to Enterprise 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".			
	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 Whole Farm Unit Residual Factor * Unit Structure	Unit Structure Discount Facto	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).			
		Base Whole Farm Unit Residual Factor	ADM		999.9999	None	Base Whole Farm Unit Residual Factor is equal to Whole Farm 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 Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11					Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans Field Record F			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	<u>Field</u>	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
	Calculations	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>		
		Marginal rate Adjustment Marginal Adjustment Rate Factor	Internal		9.9999999	Round to 8 decimals.			
		Max Coverage Level Adjustment Factor	Internal		999999999.99999999	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).		
		Unit Residual Factor	ADM		999.9999	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).		
Marginal Rate Adjustment Factor		Unit Structure Discount Facto	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 Factor	ADM		9.9999	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 Factor	ADM		9.9999	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 Name: Premium Calculation **Exhibit Number:** P11-1, Plan 01, 02, 03

Record Name: Acreage

Insurance Plan Code

01 Yield Protection

0021 Cotton

Reinsurance Year: 2025 Version: Draft

03 Revenue Protection with Harvest Price Exclusion

nec.	ora rame. Acreage	Teroioni Brait
Rec	cord Code: P11	Release Date: 12/5/2024

02 Revenue Protection

	0011 Wheat	0031 Flax	0051 Grain Sorghum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn	0067 Dry Peas	0091 Barley
	0016 Oats	0043 Popcorn	0075 Peanuts	0094 Rye
	0018 Rice	0047 Dry Beans	0078 Sunflowers	0805 Weaned Calves

	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU": Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment	Current Year Base Premium Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.	
		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).
		Unit Residual Factor	ADM		999.9999	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 Optional Unit, "OU", "UA", "UD", or Basic Unit, 'BU'.
Current Year Base Premium Rate		Marginal Rate Adjustment Factor	Internal		999999999999999999999999999999999999999	Round to 8 decimals.	
-	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 Factor	ADM		9.9999	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": 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 Factor	ADM		9.9999	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 Whole Farm Unit, 'WU'.

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

		Record Name: Acreage Record Code: P11			Keinsurance Year: Version: Release Date:		
Insurance Plan Code	01 Yield Protection					on with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans		0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
Section 21: Yield Cup, Yiel offer in the ADM).	ld Exclusion, Quality Loss, and Trend APH for CottonseedC	urrent Year Base Premium Rat Current Year Base Premium Rate	e Calculation	s (only use	99999999999999999999999999999999999999	Round to 8 decimals.	exceeds the highest coverage level for the
	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 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		999.9999	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 Optional Unit, "OU" "UA", "UD", or Basic Unit, 'BU'.
		Marginal Rate Adjustment Factor	Internal		999999999999999999999999999999999999999	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 Factor	ADM		9.9999	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'

Reinsurance Year: 2025 Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Version: Draft Release Date: 12/5/2024 Record Code: P11 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0051 Grain Sorghum 0011 Wheat 0031 Flax 0081 Sovbeans **Commodity Code** 0067 Dry Peas 0015 Canola 0041 Corn 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Record **Field** Calculations Name Number Number Format Rounding Rules This Section is Specifically for Weaned Calf Risk Protection, Commodity Code, "0805," Premium Calculations. Section 1: Liability Calculation If Unit of Measure equals Pounds "LBS", Common Crop Insurance Policy definition Premium Guarantee Per Internal 99999999.99 then round to whole 'production guarantee (per head)'. Head Amount number. Premium Guarantee Per Approved Yield * Coverage Level Percent Approved Yield must be in whole pounds P11 Approved Yield 42 9999999.99 None when Commodity Code equals Weaned Calf, The Coverage Level Percent in this section is Coverage Level Percent P14 None ALWAYS the chosen coverage level and NOT 34 9.9999 the Effective Coverage Level. If Unit of Measure Guarantee Per Head Amount should be equals Pounds "LBS" Guarantee Per Head Amount Internal 99999999.99 rounded to whole pounds for Weaned Calf, $\begin{array}{c} \mbox{Guarantee Per Head} \\ \mbox{Amount} \end{array} = \begin{array}{c} \mbox{Premium Guarantee Per Head Amount * Guarantee} \\ \mbox{Adjustment Factor} \end{array}$ then round to whole "0805". number. Guarantee Adjustment Edit with the Guarantee Adjustment ICE, P11 69 0.999 None Factor "D00068". Formulated Producer Internal 9.9999 Projected Price 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 Projected Price ADM 99999.9999 Protection with Harvest Price Exclusion, "03", Formulated Producer _ Projected Price * (1+Projected Price Adjustment Factor * requires the producer to choose 100 percent Projected Price (650-MAX(200, MIN(750, Approved Yield)))) of the Projected Price. Edit with ADM Price, "00810". Projected Price Adjustment ADM 9.99999 None Edit with ADM Price, "00810". Factor Approved Yield must be in whole pounds Approved Yield P11 42 9999999.99 None when Commodity Code equals Weaned Calf,

"0805."

Exhibit Number: P11-1, Plan 01, 02, 03
Record Name: Acreage

Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024

03 Revenue Protection with Harvest Price Exclusion

Record Code: P11

Insurance Plan Code

01 Yield Protection

0021 Cotton

	0011 Wheat	0031 Flax	0051 Grain Sorghum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn	0067 Dry Peas	0091 Barley
	0016 Oats	0043 Popcorn	0075 Peanuts	0094 Rye
	0018 Rice	0047 Dry Beans	0078 Sunflowers	0805 Weaned Calves

02 Revenue Protection

<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> Format	<u>Field</u> Rounding	Rules
	Price Election Amount	Internal		9999.9999	When Commodity Code equals Weaned Calf, "0805", round to nearest whole cent [\$9.99].	
Price Election Amount = Formulated Producer Projected Price * Price Election Percent	Formulated Producer Projected Price	Internal		9.9999		
	Price Election Percent	ICE		9.9999	None	Price Election Percent must equal 1.000, when 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 Head Amount * Price Election Guarantee Amount = Amount * Reported Head Count	Premium Total Guarantee Amount	Internal		99999999.99	Round to 2 decimals.	
Guarantee Amount ⁻ Amount * Reported Head Count	Price Election Amount	Internal		9999.9999	None	
	Reported Head Count	P11	90	99999999.99	None	
Guarantee Per Head Amount * Price Election Amount * Total Guarantee Amount = Properties County	Total Guarantee Amount	P11	103	9999999.99	Round to 2 decimals.	
Reported Head Count	Price Election Amount	Internal		9999.9999	None	
	Reported Head Count	P11	90	999999.99	None	
Premium Liability Premium Total Guarantee Amount * Insured Share Amount Percent	Premium Liability Amount	Internal		999999999	Round to whole number.	
Amount Percent	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.	
	Insured Share Percent	P11	43	9.9999	None	

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

Reinsurance Year: 2025 Version: Draft

	Record Name:	P11-1, Pidfi U1, U2, U3 Δcreage					
	Record Code:	•				n: Draft e: 12/5/2024	
	Record code.	111			Nelease Dat	e. 12/3/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
	0011 Wheat	0031 Flax			0051 Grain Sorghum		0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflowers		0805 Weaned Calves
	0021 Cotton						
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	<u>Number</u>	Format	Rounding	<u>Rules</u>
Section 2: Unit Discount Ca	lculation						The appropriate discount factor should be looked up and applied.
Unit Structure Discount	When Unit Structure Code is Basic Unit, "BU":	Unit Structure Discount Factor	Internal		9.9999999	None	capped at 1.0
Factor	Basic Unit Discount Factor	Basic Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090".
Revenue Lookup	When the Unit Structure Code is Basic Unit, "BU":	Revenue Lookup Adjustment Factor	Internal		9.9999999	None	
Adjustment Factor	Unit Structure Discount Factor	Unit Structure Discount Factor	Internal		9.9999999	None	
Section 3: Base Premium R	ate Calculation						
Current Year Yield Ratio =	= Rate Yield / Reference Amount	Current Year Yield Ratio	Internal		9.9999	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.
carrent real field hatto -	- Nate Held / Neterence Amount	Rate Yield	P15	35	99999999.99	None	
		Reference Yield	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".
		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	
		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		9999.9999999	Round to 8 decimals.	
Multiplier ⁻	- current real field hatto - Exponent value	Exponent Value	ADM		\$99.999	None	Edit with ADM Base Rate, "A01010".
Prior Year Rate Multiplier =	= Prior Year Yield Ratio ^ Prior Year Exponent Value	Prior Year Rate Multiplier	Internal		9999.99999999	Round to 8 decimals.	
		Prior Year Exponent Value	ADM		\$99.999	None	Edit with ADM Base Rate, "A01010".
		Current Year Base Rate	Internal		99999999999999999	Round to 8 decimals.	
Current Year Base Rate = Current Year Rate Multiplier * Reference Rate + Fixed ra		Current Year Rate Multiplier	Internal		9999.99999999	None	
		Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
		Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
		Prior Year Base Rate	Internal		9999999999999999	Round to 8 decimals.	
Prior Year Base Rate	Prior Year Rate Multiplier * Prior Year Reference Rate +	Prior Year Rate Multiplier	Internal		9999.9999999	None	
	Prior Year Fixed rate	Prior Year Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
		Prior Year Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".

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

	Record Name: Record Code:	o .	Version: Draft Release Date: 12/5/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection			03 Revenue Protection with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	0021 Cotton Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules	
Current Year Base	When Unit Structure Code is equal to Basic Unit, "BU":	Current Year Base Premium Rate	Internal		9999999999999999	Round to 8 decimals.		
Premium Rate	Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8)	Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".	
Prior Year Base Premium	When Unit Structure Code is equal to Basic Unit, "BU":	Prior Year Base Premium Rate	Internal		99999999999999999	Round to 8 decimals.		
Rate	Round(Prior Year Base Rate * Prior Year Rate Differential Factor * Prior Year Unit Residual Factor, 8)	Prior Year Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".	
Base Premium Rate	MIN (Current Year Base Premium Rate, Prior Year Base = Premium Rate * 1.2, .999)	Base Premium Rate	P11	97	99999999999999999	Round to 8 decimals.		
Revenue Lookup Rate	= MIN(Current Year Base Rate, Prior Year Base Rate * 1.2, 0.9999)	Revenue Lookup Rate	Internal		99999999999999	Round to 4 decimals.		

Insurance Plan Code Commodity Code	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11 01 Yield Protection 02 Revenue Protection 0011 Wheat 0015 Canola 0041 Corn				Reinsurance Year Version Release Date 0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts	n with Harvest Price Exclusion 0081 Soybeans 0091 Barley 0094 Rye	
	0016 Oats 0018 Rice 0021 Cotton Calculations	0043 Popcorn 0047 Dry Beans Field Name	Record Number		0073 Peanlus 0078 Sunflowers <u>Field</u> Format	<u>Field</u> Rounding	0805 Weaned Calves
Section 4: Optional Covera	ge (Additive "A" and Multiplicative "M")	ame			. 5111100		
.,	· · · · · · · · · · · · · · · · · · ·	Additive Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
Additive Optional Rate Adjustment Factor	When Rate Method Code is Additive, "A": = ∑ Option Rate * Rate Differential Factor	Option Rate	ADM		99999.9999	None	Option Rate will be the Sum of all Option Rate with Rate Method Code equal to Additive, "A" Edit with ADM Option Rate, "A01060".
		Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential, "A01040".
Multiplicative Optional	When Rate Method Code is Multiplicative, "M":	Multiplicative Optional Rate 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".
Section 5: Revenue Covera	ge Add on Rates (Applicable only for Plans 02 and 03)						
		Lookup Rate	Internal		9999999999.9999	Round to 4 decimals.	
Lookup Rate	Revenue Lookup Rate * Revenue Lookup Adjustment Factor	Revenue Lookup Rate	Internal		999999999999999	Round to 4 decimals.	From Section 3.
		Revenue Lookup Adjustment Factor	Internal		9.9999999	None	From Section 2.
		Adjusted Mean Quantity (AdjMean)	Internal		999999.99999999	Round to 8 decimals.	
		Approved Yield (AY)	P11	42	99999999.99	None	
Adjusted Mean Quantity	= Approved Yield * Mean Quantity / 100	Mean Quantity	ADM		999.99999999	None	Edit with ADM Combo Revenue Factor, "A01030". Search the Combo Revenue Factor, "A01030" for the Mean Quantity using Lookup Rate.

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

		oer: P11-1, Plan 01, 02, 03 me: Acreage ide: P11				r: 2025 n: Draft e: 12/5/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules
		Adjusted Standard Deviation Quantity (AdjStndDev)	Internal		999999999999999999999999999999999999999	Round to 8 decimals.	
		Approved Yield (AY)	P11	42	99999999.99	None	
Adjusted Standard Deviation Quantity	= Approved Yield * Standard Deviation Quantity / 100	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.
	Ln(Formulated Producer Projected Price) –	log Mean Quantity (LnMean)	Internal		999999.99999999	Round to 8 decimals.	
LnMean	(Price Volatility Factor) ² /2	Formulated Producer Projected Price	Internal		99999.9999		
		Price Volatility Factor	ADM		9.99		Edit with ADM Price, "A00810".
Yield Draw Quantity _{Sequence Number}	_	Yield Draw Quantity	ADM		\$99.99999999	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 Id for every distinct Beta Id in the Insurance Offer ADM, "A00030".
Price Draw Quanity _{Sequence} _{Number}	_	Price Draw Quantity	ADM		\$99.99999999	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 Id for every distinct Beta Id in the Insurance Offer ADM

	Exhibit Number Record Name Record Code	· ·	Acreage Version: Draft							
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection with Harvest Price Exclusion				
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules			
		Simulated Yield Protection Losses Quantity(SimYPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.				
		Formulated Producer Projected Price (FormPPP)	Internal		9.9999					
		Projected Priced (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810".			
	\sum Round(MAX(0, AY * covlvl * FormPPP -	log Mean Quantity (LnMean)	Internal		999999.9999999	Round to 8 decimals.				
Simulated Yield Protection Losses	i-1	Projected Price Adjustment Factor (PPAF)	ADM		9.99999	None	Edit with ADM Price, "00810".			
Quantity	,12) * Round((1+PPAF*(650-MAX(200,MIN(750,	Approved Yield (AY)	P11	42	99999999.99	None				
	(MAX(0,Yieldi*AdjStdDev+AdjMean) ,12)))))*ProjPrice,12))),12)	Adjusted Standard Deviation Quantity (AdjStdDev)	Internal		9999999999999999	Round to 8 decimals.				
		Adjusted Mean Quantity (AdjMean)	Internal		999999.99999999	Round to 8 decimals.				
		Coverage Level Percent (covlvl)	P14	34	9.9999	None				
		Price Draw Quantity _i (Price _i)	ADM		99.99999999	None				
		Yield Draw Quantity _i (Yield _i)	ADM		99.99999999	None				
	500 Σ Round(MAX(0, AY * covlvl * Round(MAX(FormPPP,	Simulated Revenue Protection Losses Quantity(SimRPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.				
	i=1 Round(MIN(2 * FormPPP, Round((1 + PPAF *(650 - MAX(200, MIN(750, AY)))) * e ^{(Price)*}	Formulated Producer Projected Price (FormPPP)	Internal		9.9999					
	PVF + LnMean), 12)), 12)), 12) - (Round(Price Volatility Factor (PVF)	ADM		9.99		Edit with ADM Price, "A00810".			
	MAX(0, Yieldi * AdjStdDev + AdjMean),12) * Round(MIN(2 * FormPPP, Round((1 + PPAF	log Mean Quantity (LnMean)	Internal		999999.9999999	Round to 8 decimals.				
Simulated Revenue Protection Losses	*(650 - MAX(200, MIN(750,(Round(MAX(0,	Projected Price Adjustment Factor (PPAF)	ADM		9.99999	None	Edit with ADM Price, "00810".			
Quantity	Yieldi *AdjStdDev + AdjMean),12)))))) * e ^(Pricei * PVF + LnMean) ,12)),12))),12)	Approved Yield (AY)	P11	42	99999999.99	None				
·	e ',12)), 12))),12)	Adjusted Standard Deviation Quantity (AdjStdDev)	Internal		999999999.9999999	Round to 8 decimals.				

	Exhibit Name Exhibit Number Record Name Record Code	Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans		0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
		Adjusted Mean Quantity (AdjMean)	Internal		999999.9999999	Round to 8 decimals.		
		Coverage Level Percent (covlvl)	P14	34	9.9999	None		
1		Price Draw Quantity, (Price,)	ADM		S99.99999999	None		
		Yield Draw Quantity, (Yield,)	ADM		S99.99999999	None		
		Simulated Revenue Protection with Harvest Price Exclusion Losses Quantity (SimRPhpeLosses)	Internal		999999999.999999999	Round to 12 decimals.		
		Formulated Producer Projected Price (FormPPP)	Internal		9.9999			
	500	Price Volatility Factor (PVF)	ADM		9.99		Edit with ADM Price, "A00810".	
Simulated Revenue Protection with Harvest	Σ Round(MAX(0, AY * covlvl * FormPPP - (Round(i=1 Max(0, Yieldi * AdjStdDev + AdjMean),12) *	log Mean Quantity (LnMean)	Internal		999999.9999999	Round to 8 decimals.		
Price Exclusion Losses Quantity	* (650 - MAX(200, MIN(750,(Round(MAX(0,	Projected Price Adjustment Factor (PPAF)	ADM		9.99999	None	Edit with ADM Price, "00810".	
Quantity	Yieldi *AdjStdDev + AdjMean),12)))))) *	Approved Yield (AY)	P11	42	99999999.99	None		
	e ^(Pricei * PVF + LnMean) ,12)), 12))),12)	Adjusted Standard Deviation Quantity (AdjStdDev)	Internal		9999999999999999	Round to 8 decimals.		
		Adjusted Mean Quantity (AdjMean)	Internal		999999.9999999	Round to 8 decimals.		
		Coverage Level Percent (covlvl)	P14	34	9.9999	None		
		Price Draw Quantity _i (Price _i)	ADM		S99.99999999	None		
		Yield Draw Quantity _i (Yield _i)	ADM		S99.99999999	None		
	(Simulated Yield Protection Losses Quantity / 500) / = (Approved Yield * Coverage Level Percent * Formulated Producer Projected Price)	Simulated Yield Protection Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.		
Protection Base Premium	(Simulated Revenue Protection Losses / 500) / (Approved = Yield * Coverage Level Percent * Formulated Producer Projected Price)	Simulated Revenue Protection Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.		

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

Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024

Reinsurance Year: 2025

03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 01 Yield Protection 02 Revenue Protection 0011 Wheat 0031 Flax 0051 Grain Sorghum 0081 Soybeans

Commodity Code 0015 Canola 0041 Corn 0067 Dry Peas 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye

0018 Rica 0047 Dry Reans 0078 Sunflowers 0805 Weaned Calves

	0018 Rice 0021 Cotton	0047 Dry Beans			0078 Sunflowers		0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
	Exclusion Losses Quantity / 500) / (Approved Yield * Coverage level Percent * Formulated Producer Projected	Simulated Revenue Protection with Harvest Price Exclusion Base Premium Rate			999999.99999999	Round to 8 decimals.	
Protection Premium Add =	MAX(Simulated Revenue Protection Base Premium Rate - - Simulated Yield Protection Base Premium Rate, 0.01 * Base Premium Rate)	Preliminary Revenue Protection Premium Add on Rate	Internal		999999.99999999		This is a control meant to ensure that the premium rate associated with Revenue Protection is at least 1% greater than the basic Base Premium Rate where the Price Volatility Factor is NOT EQUAL to 0.
Preliminary Revenue Protection with Harvest Price Exclusion Add on Rate	MAX(Simulated Revenue Protection with Harvest Price Exclusion Base Premium Rate - Simulated Yield Protection Base Premium Rate, -0.5 * Base Premium Rate)	Preliminary Revenue Protection with Harvest Price Exclusion Add on Rate	Internal		999999.9999999	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 Rate where the Price Volatility Factor is NOT EQUAL to 0.

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Version: Draft Record Name: Acreage Record Code: P11 Release Date: 12/5/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0051 Grain Sorghum 0031 Flax 0081 Sovbeans **Commodity Code** 0015 Canola 0041 Corn 0067 Dry Peas 0091 Barley 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0018 Rice 0047 Dry Beans 0078 Sunflowers 0805 Weaned Calves 0021 Cotton Field Field Field Field Record Calculations Number Format Rounding Name Number Rules The Premium Rate for ALL Unit Structures should be capped at .999 in the event various Section 6: Premium Rate adjustments to the Base Premium Rate would cause it to exceed 1.0. Set Capped Revenue Add On Factor as follows: If Insurance Plan Code equals 01, Capped Revenue Add On Factor will equal zero. Set Capped Revenue Add On Factor as follows: If Section 6 is applicable, Capped Revenue Add On Factor will equal Capped Revenue MIN(.999, Base Premium Rate * Unit Structure Discount Protection Add On Rate when Insurance Plan Factor * Multiplicative Optional Rate Adjustment Factor+ Code equals 02 or Capped Revenue Protection Premium Rate = 9999999999999999 Round to 8 decimals Premium Rate Internal Additive Optional Rate Factor + Capped Revenue Add On with Harvest Price Exclusion Add On Rate Factor) 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 03.

Insurance Plan Code Commodity Code	0011 Wheat 0031 Flax			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024 03 Revenue Protection with Harvest Price Exclusion 0051 Grain Sorghum 0081 Soybeans 0067 Dry Peas 0091 Barley 0075 Peanuts 0075 Peanuts 0078 Sunflowers 0805 Weaned Calves						
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules			
Section 7: Total Premium	Amount, Subsidy Amount, and Producer Premium Amount									
		Preliminary Total Premium	Internal		999999999	Round to whole number.				
Preliminary Total	Premium Liability Amount * Premium Rate * Experience	Experience Factor	P11	47	9.999	None	Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".			
Premium		Premium Surcharge Percent	Internal				Use when the Approved Yield Had a Cup or Surcharge applied.			
		Total Premium Multiplicative Optional Rate Adjustment Factor	ADM		9.9999	None	If Option Rate with Rate Method Code equal "T". Edit with ADM Option Rate, "A01060". Currently this will be used for Short Rate Option.			
	_ Preliminary Total Premium * Multiple Commodity	Total Premium Amount	P11	95	999999999	Round to whole number.				
Total Premium Amount	= Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Used when there is a first Commodity Loss.			
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, see Section 18 for subsidy calculations.			
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".			
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.				
Section 8: Total Premium	Amount, Subsidy Amount, and Producer Premium Amount									
		Preliminary Total Premium	Internal		999999999	Round to whole number.				
Preliminary Total Premium	= Premium Liability Amount * Premium Rate * Experience 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 Percent					Use when the Approved Yield Had a Cup or Surcharge applied.			

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

		Record Name: Acreage Record Code: P11			Versio Release Dat		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection			03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
Total Premium Amount =	Preliminary Total Premium * Multiple Commodity	Total Premium Amount	P11	95	999999999	Round to whole number.	
Total Premium Amount -	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Subsidy Amount = Total Premium Amount * Subsidy Percent	- Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	93	999999999	Round to whole number.	If this record qualifies for Beginning Farmer and Rancher, see Section 18 for subsidy calculations.
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount	- Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.	
ction 9: Total Premium A	Amount, Subsidy Amount, and Producer Premium Amou	int					
Preliminary Total Premium	Premium Liability Amount * Premium Rate	Preliminary Total Premium	Internal		999999999	Round to whole number.	
Premium		Premium Rate	ADM			None	
Total Premium Amount =	Preliminary Total Premium	Total Premium Amount	P11	95	999999999	Round to whole number.	
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, see Section 18 for subsidy calculations.
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium = 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 Record Code: P11			Reinsurance Year: 2025 Version: Draft Release Date: 12/5/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0015 Canola 0016 Oats	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
Section 10: Beginning Farmer and Rancher (BFR) and Veteran Farmer Rancher (VFR), and Subsidy Calculations							
Base Subsidy Amount = Total Premium Amount * Subsidy Percent		Base Subsidy Amount	Internal		999999999		Cupped by the standard rule of \$1 if applicable.
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
BFR/VFR Subsidy Amount	= Total Premium Amount * 0.10 * (1 - CC Subsidy Reduction Percent)	BFR/VFR Subsidy Amount	Internal		999999999	Round to whole number.	Beginning Farmer Rancher/Veteran Farmer Rancher Subsidy Amount. If Applicable; else 0.
Subsidy Amount	= Base Subsidy Amount + BFR/VFR Subsidy Amount	Subsidy Amount	P11	93	999999999	Round to whole number.	Subsidy Amount cannot exceed Total Premium Amount. Subsidy Amount will be
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.	