

Exhibit Name: Indemnity Calculations
Exhibit Number: P21-2, Plan 02 & 03
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2027
Version: Draft
Release Date: 8/6/2026

<u>Insurance Plan Code</u>	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion				
<u>Commodity Code</u>	0011 Wheat	0031 Flax	0051 Grain Sorghum		0081 Soybeans	
	0015 Canola	0032 0033 Forage Production	0067 Dry Beans		0091 Barley	
	0016 Oats	0041 Corn	0075 Peanuts		0094 Rye	
	0018 Rice	0043 Popcorn	0078 Sunflowers		0805 Weaned Calves	
	0021 Cotton	0047 Dry Beans				
<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Section 1: Stage Guarantee Calculation						
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds "LBS", then Round to whole Number. When Unit of Measure equals Tons "Tons", then Round to 2 decimals. Otherwise; round to 1 decimal.	Common Crop Insurance Policy 'production guarantee (per acre)'. Guarantee Per Acre1 should be rounded to whole pounds for Dry Beans "0047" (all types) and Dry Peas "0067" (all types).
	Approved Yield	P11	42	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
Cottonseed Endorsement Option "SE": Modified Yield = Approved Yield * Option Conversion Factor	Modified Yield	Internal		99999999.99	Round to whole number.	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton "P11" record.
	Approved Yield	P11	42	99999999.99	None	
	Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
Guarantee Per Acre1 = Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Round to whole number.	
	Coverage Level Percent	P14	34	9.9999	None	
Guarantee Per Acre2 = $\frac{\text{Guarantee per Acre1} * \text{Guarantee Adjustment Factor}}{\text{Factor}}$	Guarantee Per Acre2	Internal		99999999.99	When Unit of Measure equals Pounds "LBS", then Round to whole Number. When Unit of Measure equals Tons "Tons", then Round to 2 decimals. Otherwise; round to 1 decimal.	Guarantee Per Acre2 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	

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Revenue Protection "02" Price Election Amount Calculation:							
Price Election Amount = $\frac{\text{MAX}(\text{Projected Price, Harvest Price}) * \text{Price Election Percent}}{100}$		Price Election Amount	Internal		9999.999	When Commodity Code equals Barley "0091", Corn "0041", Cotton "0021", Grain Sorghum "0051", Soybeans "0081", or Wheat "0011"; round to nearest whole cent [\$9.99]. When Commodity Code equals Canola "0015", Rice "0018", Sunflowers "0078", or Cottonseed "0021" Option "SE"; round to nearest one-tenth cent [\$9.999]. 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	None	Edit with ADM Price, "A00810".
		Contract Price	P11	46	9999.9999	None	Contract Price that was submitted on "P11" (capped with Max Contract Price from ADM).
		Harvest Price	Internal		99999.9999	None	Edit with ADM Price, "00810".
		Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code "02".

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	0021 Cotton	0047 Dry Beans				
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Revenue Protection "02" Price Election Amount Calculation when a contract price is submitted:						
Adjusted Harvest Price = [(Contract Price - Projected Price) + Harvest Price]	Adjusted Harvest Price	Internal		99999.9999	None	
Price Election Amount = MAX(Adjusted Harvest Price, Contract Price) * Price Election Percent	Price Election Amount	Internal		9999.999	When the result is based on a Contract Price for specialty types Corn, Soybeans, or Barley; round to nearest one hundredth cent [\$9.9999].	
					When the result is based on a Contract Price for Specialty Type Canola; round to nearest 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].	

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Commodity Code	0011 Wheat		0031 Flax		0051 Grain Sorghum		0081 Soybeans		
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	0018 Rice		0043 Popcorn		0078 Sunflowers		0805 Weaned Calves		
	0021 Cotton		0047 Dry Beans						
Calculations			Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules	
Acre Stage Guarantee Amount = Guarantee Per Acre2 * Price Election Amount			Acre Stage Guarantee Amount	Internal		999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.	
Section 2: Loss Guarantee Calculation									
Guarantee Per Acre2 * Price Election Amount * Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor			Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.		
			Determined Acreage	P21	18	99999999.99	None		
			Liability Adjustment Factor	P21	39	9.999999	None		
Revenue Conversion Production to Count = Production to Count Quantity * Harvest Price			Revenue Conversion Production to Count	P21	45	99999999.99	Round to nearest dollar and cents.		
			Production to Count Quantity	P21	34	99999999.99			
			Harvest Price	ADM		99999.9999	None	Edit with ADM Price, "00810". If Contract Price was submitted on the "P11" then Harvest Price will be adjusted by difference between Projected Price and Contract Price. If Harvest Price has not been released for revenue Protection "02", the Projected Price or Contract Price (whichever applies) can be used for validation of Revenue to Count.	
Section 3: Indemnity Calculation									
Unit Deficiency Quantity = Loss Guarantee Amount – Revenue Conversion Production to Count			Unit Deficiency Quantity	P21	66	S99999999.99	Round to nearest dollar and cents.		
Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent			Preliminary Indemnity Amount	P21	69	S9999999999	Round to whole number.		
			Insured Share Percent	P11	43	9.9999	None		
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor			Indemnity Amount	P21	70	S9999999999	Round to whole number.		
			Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".	
Total Indemnity = ∑ Indemnity Amount for the Unit			Total Indemnity	Internal		S9999999999	Round to whole number.		

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<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
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Section 4: Stage Guarantee Calculation
Replant Payment for Revenue Protection "02" and Revenue Protection with Harvest Price Exclusion "03"

When Stage Code equals Replanted "R":						
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds "LBS", then Round to whole Number. When Unit of Measure equals Tons "Tons", then Round to 2 decimals. Otherwise; round to 1 decimal.	Common Crop Insurance Policy 'production guarantee (per acre)'. Guarantee Per Acre1 should be rounded to whole pounds for Dry Beans "0047" (all types) and Dry Peas "0067" (all types).
	Approved Yield	P11	42	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
Guarantee Per Acre2 = $\frac{\text{Guarantee per Acre1} * \text{Guarantee Adjustment Factor}}{\text{Factor}}$	Guarantee Per Acre2	Internal		99999999.99	When Unit of Measure equals Pounds "LBS", then Round to whole Number. When Unit of Measure equals Tons "Tons", then Round to 2 decimals. Otherwise; round to 1 decimal.	Guarantee Per Acre2 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	

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	0016 Oats	0041 Corn	0075 Peanuts	0094 Rye
	0018 Rice	0043 Popcorn	0078 Sunflowers	0805 Weaned Calves
	0021 Cotton	0047 Dry Beans		

<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Commodity Code equal Dry Beans "0047": Lesser of: (Insured's Actual Cost Or Acre Stage Guarantee Amount = Minimum Replant Guarantee Acre Percent * Guarantee Per Acre2) Or Maximum Replant Guarantee Per Acre) * Price Election Amount	Acre Stage Guarantee Amount	P21	65	999999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarantee Amount.
	Price Election Amount	P11	45	99999.9999	None	Based on Projected Price.
	Minimum Replant Guarantee Acre Percent	ADM				Edit with ADM Guarantee Adjustment, "A01220".
	Maximum Replant Guarantee Per Acre	ADM				Edit with ADM Guarantee Adjustment, "A01220". If lesser of submit in AIP Acre Stage Guarantee field 36 as pounds before price.
	Minimum Replant Guarantee Acre Percent * Guarantee Per Acre2	Internal		99999999.99	Pounds "LBS", Round to whole Number.	Result of 'Minimum Replant Guarantee Acre Percent * Guarantee Per Acre2' will be used in 'Acre Stage Guarantee Amount' calculation and 'Loss Guarantee Amount' calculation. Value of 'Minimum Replant Guarantee Acre Percent * Guarantee Per Acre2' should be rounded before compare to 'Maximum Replant Guarantee Per Acre'. If lesser of submit in AIP Acre Stage Guarantee field 36 as pounds before price. Unit of Measure "LBS", Round(Guarantee Per Acre2 * Minimum Replant Guarantee Acre Percent, 0).
	Insured's Actual Cost	P21	36	99999999.99		Insured's Actual Cost will be submitted in AIP Acre Stage Guarantee field if lesser of converted to pounds per Dry Beans Loss Adjustment Handbook.

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	0016 Oats	0041 Corn	0075 Peanuts	0094 Rye
	0018 Rice	0043 Popcorn	0078 Sunflowers	0805 Weaned Calves
	0021 Cotton	0047 Dry Beans		

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
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Section 5: Replant Payment Loss Guarantee Calculation

Commodity Code not equal Dry Beans "0047" or Peanuts "0075": Lesser of ((Minimum Replant Guarantee Acre Percent * Guarantee Per Acre2) or Maximum Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.	
	Minimum Replant Guarantee Acre Percent	ADM				Edit with ADM Guarantee Adjustment, "A01220".
	Maximum Replant Guarantee Per Acre	ADM				Edit with ADM Guarantee Adjustment, "A01220".
	Determined Acreage	P21	18	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
Commodity Code equal Dry Beans "0047": Lesser of (Insured's Actual Cost or Round(Minimum Replant Guarantee Acre Percent * Guarantee Per Acre2, 0) or Maximum Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.	
	Minimum Replant Guarantee Acre Percent	ADM				Edit with ADM Guarantee Adjustment, "A01220".
	Maximum Replant Guarantee Per Acre	ADM				Edit with ADM Guarantee Adjustment, "A01220".
	Determined Acreage	P21	18	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
Commodity Code equal Peanuts "0075": Maximum Replant Guarantee Per Acre * Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.	
	Maximum Replant Guarantee Per Acre	ADM				Edit with ADM Guarantee Adjustment, "A01220".
	Determined Acreage	P21	18	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	

Section 6: Replant Payment Indemnity Calculation

Indemnity Amount = Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	70	S9999999999	Round to whole number.	
	Insured Share Percent	P11	43	9.9999	None	
Total Indemnity = ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

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	0021 Cotton	0047 Dry Beans		

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Section 7: Stage Guarantee Calculation
Prevented Planting Payment for Revenue Protection "02" and Revenue Protection with Harvest Price Exclusion "03"

When Stage Code equals: Prevented Planting Option 2, "P2", Prevented Planting Add 5 Percent, "PF" <

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Acre Stage Guarantee Amount = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	P21	65	999999999.9 9	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.
	Price Election Amount	P11	45	99999.9999	None	Based on Projected Price or Contract Price if applicable. White (Type Code 341) and Waxy (Type Code 381) Specialty Type Corn will use the Projected Price for buyup. For CAT coverage, use the CAT price.

Section 8: Prevented Planting Payment Loss Guarantee Calculation

Guarantee Per Acre2 * Price Election Amount * Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.	
	Guarantee Per Acre2	Internal		99999999.99	When Unit of Measure equals Pounds "LBS", then Round to whole Number. When Unit of Measure equals Tons "Tons", then Round to 2 decimals. Otherwise; round to 1 decimal.	Guarantee Per Acre2 should be rounded to whole pounds for Dry Beans "0047" (all types) and Dry Peas "0067" (all types).
	Price Election Amount	P11	45	99999.9999	None	Based on Projected Price or Contract Price if applicable. White (Type Code 341) and Waxy (Type Code 381) Specialty Type Corn will use the Projected Price for buyup. For CAT coverage, use the CAT price.
	Determined Acreage	P21	18	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	

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Section 9: Prevented Planting Payment Indemnity Calculation

Preliminary Indemnity Amount = Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	69	\$9999999999	Round to whole number.	
	Insured Share Percent	P11	43	9.9999	None	
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	70	\$9999999999	Round to whole number.	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity = ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		\$9999999999	Round to whole number.	

Section 10: Stage Guarantee Calculation

Malting Barley Price and Quality Endorsement "ME"

Guarantee Per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999.9	Round to nearest whole pounds, nearest hundredth for tonnage commodities, or nearest tenths for other units of measure.	Common Crop Insurance Policy 'production guarantee (per acre)'.
	Approved Yield	P11	42	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal		99999999.99	When Unit of Measure equals Pounds "LBS", then Round to whole Number. When Unit of Measure equals Tons "Tons", then Round to 2 decimals. Otherwise; round to 1 decimal.	
	Guarantee Adjustment Factor	P11	69	0.999	None	

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ME Harvest Price = Harvest Price + (Contract Price - Projected Price)	ME Harvest Price	Internal		9999.9999	Round to 4 decimals.	
	Contract Price	P11	46	9999.9999	None	The Contract Price (ME Projected Price) that was submitted on "P11" (capped by the Max Contract Price from ADM) and used to calculate the premium.
	Projected Price	ADM		99999.9999	None	The ADM published value with no additional calculations performed. Denoted in Price ADM as barley projected price with ME option.
	Harvest Price	ADM		99999.9999	None	The ADM published value with no additional calculations performed. Denoted in Price ADM as barley harvest price with ME option.

When the Insurance Plan Code is "02" Revenue Protection:

Price Election Amount = $\frac{\text{MAX}(\text{Contract Price, ME Harvest Price}) \times \text{Price Election Percent}}{100}$	Price Election Amount	Internal		9999.9999	Round to 4 decimals.	
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code equals "02".

When the Insurance Plan Code is "03" Revenue Protection Harvest Price Exclusion:

Price Election Amount = Contract Price * Price Election Percent	Price Election Amount	Internal		9999.9999	Round to 4 decimals.	
	Contract Price	P11	46	9999.9999	None	The Contract Price (ME Projected Price) that was submitted on "P11" (capped with Max Contract Price from ADM) and used to calculate the premium.
	Price Election Percent	ICE		9.9999	None	
Acre Stage Guarantee Amount = Guarantee Per Acre ² * Price Election Amount	Acre Stage Guarantee Amount	P21	65	999999999.9 9	Round to nearest dollar and Cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.
	Price Election Amount	P11	45	99999.9999	None	

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Section 11: Malting Barley Loss Guarantee Calculation							
Guarantee Per Acre ² * Price Election Amount * Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.		
	Determined Acreage	P21	18	99999999.99	None		
	Liability Adjustment Factor	P21	39	9.999999	None		
Revenue Conversion = MAX(Production to Count Quantity * ME Production To Count Harvest Price,0)	Revenue Conversion Production To Count	P21	45	99999999.99	Round to nearest dollar and cents.	Cannot equal less than 0.	
	Production to Count Quantity	P21	34	99999999.99	None		
	ME Harvest Price	Internal		9999.9999		If the Harvest Price has not been released, the Contract Price can be used for validation of Revenue to Count.	
Section 12: Malting Barley Indemnity Calculation							
Unit Deficiency Quantity = Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	66	S99999999.99	Round to nearest dollar and cents.		
Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	69	S9999999999	Round to whole number.		
	Insured Share Percent	P11	43	9.9999	None		
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	70	S9999999999	Round to whole number.		
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".	
Total Indemnity = ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.		

Exhibit Name: Indemnity Calculations Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim Record Code: P21							Reinsurance Year: 2027 Version: Draft Release Date: 8/6/2026		
Insurance Plan Code	02 Revenue Protection		03 Revenue Protection with Harvest Price Exclusion						
Commodity Code	0011 Wheat	0031 Flax	0051 Grain Sorghum		0081 Soybeans				
	0015 Canola	0032 0033 Forage Production	0067 Dry Beans		0091 Barley				
	0016 Oats	0041 Corn	0075 Peanuts		0094 Rye				
	0018 Rice	0043 Popcorn	0078 Sunflowers		0805 Weaned Calves				
	0021 Cotton	0047 Dry Beans							
Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules			
Downed Rice Payment Option "DC" for Revenue Protection "02" and Revenue Protection with Harvest Price Exclusion "03" Stage Code = "DQ"						If Determined Acreage is <= Insured Acreage10 then no payment; if Determined Acreage is > Insured Acreage10 and < Insured Acreage50 then payment with deductible; if Determined Acreage is => Insured Acreage50 then payment without deductible.			
Section 13: Downed Rice Payment Loss Guarantee Calculation									
Insured Acreage10 = Reported Acreage * 10%	Insured Acreage10	Internal		99999999.99	Round to 1 decimal.				
	Reported Acreage	P11	48	99999999.99	None	Summed "P11" DRE reported acreage for the unit.			
Insured Acreage50 = Reported Acreage * 50%	Insured Acreage50	Internal		99999999.99	Round to 1 decimal.				
	Reported Acreage	P11	48	99999999.99	None	Summed "P11" DRE reported acreage for the unit.			
Determined Acreage = Harvested Downed Rice Acreage	Determined Acreage	P21	18	99999999.99	None	Harvested Downed Rice Acreage for the unit.			
Payable Downed Rice Acreage = With deductible: round(Determined Acreage - Insured Acreage10,1) * 1.25 OR Without deductible: Determined Acreage	Payable Downed Rice Acreage	Internal		99999999.99	Round to 1 decimal.	This will be the determined payable downed rice acres for the unit.			
Loss Guarantee Amount = Payable Downed Rice Acreage * Harvest Expense Amount * Price Election Percent * Liability Adjustment Factor	Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.				
	Harvest Expense Amount	ADM				Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = "DC".			
	Price Election Percent	P14	35	9.9999	None				
	Liability Adjustment Factor	P21	39	9.999999	None				
Section 14: Downed Rice Payment Indemnity Calculation									
Indemnity Amount = Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	70	S9999999999	Round to whole number.				
	Insured Share Percent	P11	43	9.9999	None				
Total Indemnity = ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	Only Downed Rice records, no base Rice records.			

Exhibit Name: Indemnity Calculations
Exhibit Number: P21-2, Plan 02 & 03
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2027
Version: Draft
Release Date: 8/6/2026

<u>Insurance Plan Code</u>	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion					
<u>Commodity Code</u>	0011 Wheat	0031 Flax	0051 Grain Sorghum		0081 Soybeans		
	0015 Canola	0032 0033 Forage Production	0067 Dry Beans		0091 Barley		
	0016 Oats	0041 Corn	0075 Peanuts		0094 Rye		
	0018 Rice	0043 Popcorn	0078 Sunflowers		0805 Weaned Calves		
	0021 Cotton	0047 Dry Beans					
<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>	
This Section is Specifically for Weaned Calves Risk Protection Commodity Code "0805" Indemnity Calculations							
Section 15: Stage Guarantee Calculation							
Guarantee Per Head1 = Approved Yield * Coverage Level Percent	Guarantee Per Head1	Internal		999999999.99	If Unit of Measure equals Pounds "LBS", then round to whole number.	Guarantee Per Head1 should be rounded to whole pounds for Weaned Calves "0805".	
	Approved Yield	P11	42	99999999.99	None	Approved Yield must be in whole pounds when Commodity Code equals Weaned Calves "0805".	
	Coverage Level Percent	P14	34	9.9999	None		
Guarantee Per Head2 = $\frac{\text{Guarantee per Head1} * \text{Guarantee Adjustment Factor}}{\text{Factor}}$	Guarantee Per Head2	Internal		99999999.99	If Unit of Measure equals Pounds "LBS", then round to whole number.	Guarantee Per Head2 should be rounded to whole pounds for Weaned Calves "0805".	
	Guarantee Adjustment Factor	P11	69	0.999	None		
Formulated Producer Projected Price = $\frac{\text{Projected Price} * (1 + \text{Projected Price Adjustment Factor} * (650 - \text{MAX}(200, \text{MIN}(750, \text{Approved Yield}))))}{\text{Factor}}$	Formulated Producer Projected Price	Internal		9.9999			
	Projected Price	ADM		99999.9999		Edit with ADM Price, "00810".	
	Projected Price Adjustment Factor	ADM		9.99999	None	Edit with ADM Price, "00810".	
	Approved Yield	P11	42	99999999.99	None	Approved Yield must be in whole pounds when Commodity Code equals Weaned Calves "0805".	
Formulated Producer Harvest Price = $\frac{\text{Harvest Price} * (1 + \text{Harvest Price Adjustment Factor} * (650 - \text{MAX}(200, \text{MIN}(750, \text{Approved Yield}))))}{\text{Factor}}$	Formulated Producer Harvest Price	Internal		9.9999			
	Harvest Price	ADM		99999.9999		Edit with ADM Price, "00810".	
	Harvest Price Adjustment Factor	ADM		9.99999	None	Edit with ADM Price, "00810".	
	Approved Yield	P11	42	99999999.99	None	Approved Yield must be in whole pounds when Commodity Code equals Weaned Calves "0805".	

Exhibit Name: Indemnity Calculations Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim Record Code: P21 Reinsurance Year: 2027 Version: Draft Release Date: 8/6/2026						
Insurance Plan Code 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion						
Commodity Code 0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton 0031 Flax 0032 0033 Forage Production 0041 Corn 0043 Popcorn 0047 Dry Beans 0051 Grain Sorghum 0067 Dry Beans 0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves						
Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Revenue Protection "02" Price Election Amount Calculation: $\text{Price Election Amount} = \text{Max}(\text{Formulated Producer Projected Price}, \text{Formulated Producer Harvest Price}) * \text{Price Election Percent}$	Price Election Amount	Internal		9999.999	When Commodity Code equals Weaned Calves "0805", round to nearest whole cent [\$9.99].	
	Formulated Producer Projected Price	Internal		99999.9999	None	
	Formulated Producer Harvest Price	Internal		99999.9999	None	
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code "02".
Revenue Protection with Harvest Price Exclusion "03" Price Election Amount $\text{Price Election Amount} = \text{Formulated Producer Projected Price} * \text{Price Election Percent}$	Price Election Amount	Internal		9999.999	When Commodity Code equals Weaned Calves "0805", round to nearest whole cent [\$9.99].	
	Formulated Producer Projected Price	Internal		99999.9999	None	
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code equals "03".
Head Count Stage Guarantee Amount = Guarantee Per Head2 * Price Election Amount	Head Count Stage Guarantee Amount	Internal		999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.
Section 16: Loss Guarantee Calculation						
Guarantee Per Head2 * Price Election Amount * Loss Guarantee Amount = Determined Head Count * Liability Adjustment Factor	Loss Guarantee Amount	P21	64	99999999.99	Round to nearest dollar and cents.	
	Determined Head Count	P21	66	99999999	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
Revenue Conversion Production to Count = $\text{MAX}(200, \text{MIN}(750, \text{Production to Count Quantity} / \text{Determined Head Count})) * \text{Price Election Percent}$	Revenue Conversion	P21	45	99999999.99	Round to nearest dollar and cents.	
	Production to Count Quantity	P21	34	99999999.99		
	Harvest Price	ADM		99999.9999		Edit with ADM Price, "00810".
	Harvest Price Adjustment Factor	ADM		9.99999	None	Edit with ADM Price, "00810".
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code equals "02".

Exhibit Name: Indemnity Calculations
Exhibit Number: P21-2, Plan 02 & 03
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2027
Version: Draft
Release Date: 8/6/2026

<u>Insurance Plan Code</u>	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion					
<u>Commodity Code</u>	0011 Wheat	0031 Flax	0051 Grain Sorghum		0081 Soybeans		
	0015 Canola	0032 0033 Forage Production	0067 Dry Beans		0091 Barley		
	0016 Oats	0041 Corn	0075 Peanuts		0094 Rye		
	0018 Rice	0043 Popcorn	0078 Sunflowers		0805 Weaned Calves		
	0021 Cotton	0047 Dry Beans					
<u>Calculations</u>		<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Section 17: Indemnity Calculation							
Unit Deficiency Quantity = $\frac{\text{Loss Guarantee Amount} - \text{Revenue Conversion}}{\text{Production to Count}}$	Unit Deficiency Quantity	P21	64	S99999999.99	Round to nearest dollar and cents.		
Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	66	S9999999999	Round to whole number.		
	Insured Share Percent	P11	43	9.9999	None		
Indemnity Amount = $\frac{\text{Preliminary Indemnity Amount} * \text{Multiple}}{\text{Commodity Adjustment Factor}}$	Indemnity Amount	P21	67	S9999999999	Round to whole number.		
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".	
Total Indemnity = $\sum$ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.		