Reinsurance Year: 2018 Version: Approved

Record Name: Acreage Claim Record Code: P21 Release Date: 9/21/2023 Insurance Plan Code 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0075 Peanuts 0011 Wheat 0021 Cotton Commodity Code 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Record Field Calculations Name Number Number **Format** Rounding Rules Section 1: Stage Guarantee Calculation When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Common Crop Insurance Policy 'production guarantee (per acre)'. When Unit of Measure 99999999.99 Internal Guarantee Per Acre1 equals Tons, "Tons", then Guarantee Per Acre1 should be rounded to Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Round to 2 decimals. whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types). Otherwise, Round to 1 decimal. Approved Yield P11 42 99999999.99 None Coverage Level Percent P14 34 9.9999 None Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": Modified Yield Internal 99999999.99 Round to whole number. Share Percent) will be obtained from Cotton P11 record. Modified Yield = Approved Yield * Option Conversion Factor Approved Yield P11 42 9999999.99 None **Option Conversion Factor** ADM 9.9999 Edit with ADM Option Rate, "A01060". None Guarantee Per Acre1 = Modified Yield * Coverage Level Percent Guarantee Per Acre1 Internal 9999999.99 Round to whole number. P14 34 9.9999 None Coverage Level Percent When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to When Unit of Measure 99999999.99 Guarantee Per Acre2 Internal whole pounds for Dry Beans, "0047" (all equals Tons, "Tons", then Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor types), and Dry Peas, "0067" (all types). Round to 2 decimals. Otherwise, Round to 1 decimal. P11 69 0.999 None Guarantee Adjustment Factor

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Record Name: Acreage Claim Record Code: P21 Reinsurance Year: 2018 Version: Approved Release Date: 9/21/2023

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

		·				0091 Barley		
<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> Format	<u>Field</u> <u>Rounding</u>	<u>Rules</u>		
Revenue Protection, "02", Price Election Amount Calculation: Price Election Amount = greater of Projected Price (or Contract Price if applicable) or Harvest Price * Price Election Percent	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]. If result is based on Contract Price for specialty types Corn, Soybeans, or Barley, round to neareat one hundredth cent (\$9.9999). When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078", or Cottonseed, "0021" (Option 'SE'); round to nearest one-tenth cent [\$9.999]. If result is based on 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].			
	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". If Contract Price was submitted on the P11 then Harvest Price will be adjusted by difference between Projected Price and Contract Price.		
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code "02".		

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

Record Code: P21

Reinsurance Year: 2018 Version: Approved Release Date: 9/21/2023

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

				,		0091 Barley
Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
Revenue Protection with Harvest Price Exclusion, "03", Price Election Amount Calculation: Price Election Amount = Projected Price (or Contract Price if applicable) * Price Election Percent	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]. If result is based on Contract Price for specialty types Corn, Soybeans or Barley, round to neareat one hundredth cent (\$9.9999). When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078", or Cottonseed, "0021" (Option 'SE'); round to nearest one-tenth cent [\$9.999]. If result is based on Contract Price for specialty type Canola; round to neareat 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	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).
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 wher Insurance Plan Code equals "03".
Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount Amount	Acre Stage Guarantee Amount	Internal		999999999999999999999999999999999999999	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.

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Reinsurance Year: 2018

	Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim			Reinsurance Year: 2018							
				Version: Approved							
	Record Code: P21					Release Date: 9/21/2023					
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	st Price Excl	usion							
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts				
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorgh	num	0078 Sunflowers				
	0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans				
		Field	Dagard	Field.	r: ald	Field	0091 Barley				
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	Rounding	Rules				
Section 2: Loss Guarantee		<u>rume</u>	<u>ITUINDEI</u>	<u>itumber</u>	Tormat	<u>Rounding</u>	itutes				
Section 2. Loss Guarantee	Calculation				Ī	Dawedta wassat dallawand	1				
	_ Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	60	99999999.99	Round to nearest dollar and cents.					
Loss Guarantee Amount	= Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	18	99999999.99	None					
		Liability Adjustment Factor	P21	39	9.999999	None					
			P21	45	99999999.99	Round to nearest dollar and cents.					
		Production to Count Quantity	P21	34	99999999.99						
	= Production to Count Quantity * Harvest Price	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 Calcu					T						
Unit Deficiency Quantity	= Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	59	S99999999.99	Round to nearest dollar and cents.					
Preliminary Indemnity	= Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	62	S999999999	Round to whole number.					
Amount	- One Deniciency Quantity - Insured Share Percent	Insured Share Percent	P11	43	9.9999	None					
Indemnity Amount	= Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	63	S9999999999	Round to whole number.					
indefinity Amount	Adjustment Factor	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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Reinsurance Year: 2018 Record Name: Acreage Claim Version: Approved Record Code: P21 Release Date: 9/21/2023 Insurance Plan Code 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0075 Peanuts 0011 Wheat 0021 Cotton Commodity Code 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Record Field Field Field Number Calculations Name Number **Format** Rounding Rules 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", When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Common Crop Insurance Policy 'production guarantee (per acre)'. When Unit of Measure equals Tons, "Tons", then Guarantee Per Acre1 Internal 99999999.99 Guarantee Per Acre1 should be rounded to Round to 2 decimals. Guarantee Per Acre1 = Approved Yield * Coverage Level Percent whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types). Otherwise, Round to 1 decimal. Approved Yield P11 42 99999999.99 None Coverage Level Percent P14 34 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to When Unit of Measure Guarantee Per Acre2 Internal 99999999.99 whole pounds for Dry Beans, "0047" (all equals Tons, "Tons", then Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor types), and Dry Peas, "0067" (all types). Round to 2 decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 69 0.999 None

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Reinsurance Year: 2018 Version: Approved

Edit with SPOI "D00129".

Record Name: Acreage Claim Record Code: P21 Release Date: 9/21/2023 Insurance Plan Code 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0075 Peanuts 0011 Wheat 0021 Cotton **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Record Field Calculations Name Number Number **Format** Rounding Rules Round to nearest dollar and Commodity Code not equal Dry Beans, "0047" or Peanuts, "0075": Acre Stage Guarantee Amount P21 58 99999999.99 Not used in determination of Loss Guarantee. cents. Based on Projected Price or Contract Price if P11 45 99999.999 Price Election Amount None applicable. Maximum Replant Guarantee ICE Edit with SPOI "D00129". Per Acre Result of '20% of Guarantee Per Acre2' will be When Unit of Measure used in 'Acre Stage Guarantee Amount' equals Pounds, "LBS", then calculation and 'Loss Guarantee Amount' (20% of Guarantee Per Acre2 Acre Stage Guarantee Round to whole Number. calculation. Value of '20% of Guarantee Per Amount Acre2' should be rounded before compare to Maximum Replant Guarantee Per Acre) * Price Election When Unit of Measure 'Maximum Replant Guarantee Per Acre'. Amount 20% of Guarantee Per Acre2 Internal 99999999.99 equals Tons, "Tons", then If Unit of Measure = LBS Round to 2 decimals. Round(Guarantee Per Acre2 * 0.20, 0) If Unit of Measure = Tons Otherwise, Round to 1 Round(Guarantee Per Acre2 * 0.20, 2) decimal. Other Unit of Measures Round(Guarantee Per Acre2 * 0.20, 1) Commodity Code equal Peanuts, "0075":

ICE

Maximum Replant Guarantee

Per Acre

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Amount = Maximum Replant Guarantee Per Acre

Acre Stage Guarantee

Reinsurance Year: 2018 Version: Approved

Record Name: Acreage Claim Record Code: P21 Release Date: 9/21/2023 Insurance Plan Code 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0075 Peanuts 0011 Wheat 0021 Cotton **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Record Field Field Field Calculations Name Number Number **Format** Rounding Rules Round to nearest dollar and Not used in determination of Loss Guarantee Commodity Code equal Dry Beans, "0047: P21 99999999.99 58 Acre Stage Guarantee Amount cents. Amount Price Election Amount P11 45 99999.9999 None Based on Projected Price. Edit with SPOI ICE "D00129". If lesser of Maximum Replant Guarantee ICE submit in AIP Acre Stage Guarantee field 36 Per Acre as pounds before price. Result of '10% of Guarantee Per Acre2' will be Lesser of: used in 'Acre Stage Guarantee Amount' calculation and 'Loss Guarantee Amount' (Insured's Actual Cost calculation. Value of '10% of Guarantee Per Pounds, "LBS", Round to Acre Stage Guarantee Acre2' should be rounded before compare to = 10% of Guarantee Per Acre2 10% of Guarantee Per Acre2 Internal 99999999.99 whole Number. Amount 'Maximum Replant Guarantee Per Acre'. If lesser of submit in AIP Acre Stage Guarantee Maximum Replant Guarantee Per Acre) field 36 as pounds before price. Unit of Measure "LBS", * Price Election Amount Round(Guarantee Per Acre2 * 0.10, 0) Insured's Actual Cost will be submitted in AIP Acre Stage Guarantee field if lesser of Insured's Actual Cost P21 36 9999999.99 converted to pounds per Dry Beans Loss Adjustment Handbook.

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Reinsurance Year: 2018

	Exhibit Number: P21-2, Plan 02 & 03			Reinsurance Year: 2018					
	Record Name: Acreage Claim			Version: Approved					
Record Code: P21 Release Date: 9/21/2023									
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Excl	usion					
-	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts		
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorgh	num	0078 Sunflowers		
	0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans		
				0091 Barley					
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>			
	<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>		
Section 5: Replant Paymen	nt Loss Guarantee Calculation		1						
Commodity Code <u>not</u> equa	al Dry Beans, "0047" or Peanuts, "0075":	Loss Guarantee Amount	P21	60	99999999.99	Round to nearest dollar and cents.			
Loss Guarantee Amount	Lesser of ((20% of Guarantee Per Acre2) or Maxiumum = Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	18	99999999.99	None			
		Liability Adjustment Factor	P21	39	9.999999	None			
Commodity Code equal Dr	y Beans, "0047: Lesser of (Insured's Actual Cost or Round(10% of	Loss Guarantee Amount	P21	60	99999999.99	Round to nearest dollar and cents.			
Loss Guarantee Amount	Guarantee Per Acre? (1) or Maximum Replant	Determined Acreage	P21	18	99999999.99	None			
		Liability Adjustment Factor	P21	39	9.999999	None			
Commodity Code equal Pe	anuts, "0075":	Loss Guarantee Amount	P21	60	99999999.99	Round to nearest dollar and cents.			
Loss Guarantee Amount	= Maximum Replant Guarantee Per Acre *	Determined Acreage	P21	18	99999999.99	None			
	Determined Acreage * Liability Adjustment Factor	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	63	S9999999999	Round to whole number.			
		Insured Share Percent	P11	43	9.9999	None			
.oss Guarantee Calculation	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.			

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Reinsurance Year: 2018 Record Name: Acreage Claim Version: Approved Record Code: P21 Release Date: 9/21/2023 Insurance Plan Code 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0075 Peanuts 0011 Wheat 0021 Cotton 0041 Corn Commodity Code 0015 Canola 0051 Grain Sorghum 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Record Field Field Field Field Calculations Number Number **Format** Rounding Name Rules Section 7: Stage Guarantee Calculation Prevented Planting Payment for Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03". When Stage Code equals: When Unit of Measure Prevented Planting Option 2, "P2", equals Pounds, "LBS", then Round to whole Number. Prevented Planting Add 10 Percent, "PT", Prevented Planting Add 5 Percent, "PF" When Unit of Measure Common Crop Insurance Policy 'production equals Tons, "Tons", then guarantee (per acre)'. Round to 2 decimals. 99999999.99 Guarantee Per Acre1 Internal Guarantee Per Acre1 should be rounded to Otherwise, Round to 1 whole pounds for Dry Beans, "0047" (all Guarantee Per Acre1 = Approved Yield * Coverage Level Percent decimal. types), and Dry Peas, "0067" (all types). Approved Yield P11 42 9999999.99 None P14 34 Coverage Level Percent 9.9999 None Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": Modified Yield Internal 9999999.99 Round to whole number. Share Percent) will be obtained from Cotton P11 record. Modified Yield = Approved Yield * Option Conversion Factor Approved Yield P11 42 9999999.99 None Option Conversion Factor ADM 9.9999 None Edit with ADM Option Rate, "A01060". Guarantee Per Acre1 Internal 9999999.99 Round to whole number. Guarantee Per Acre1 = Modified Yield * Coverage Level Percent 34 Coverage Level Percent P14 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to When Unit of Measure Guarantee Per Acre2 Internal 9999999.99 whole pounds for Dry Beans, "0047" (all equals Tons, "Tons", then types), and Dry Peas, "0067" (all types). Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor Round to 2 decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 69 0.999 None Common Crop Insurance Policy 'revenue Round to nearest dollar and Acre Stage Guarantee Amount P21 58 99999999.99 protection guarantee (per acre)'. Not used in Acre Stage Guarantee

Guarantee Per Acre2 * Price Election Amount cents.

P11

45

99999.9999

None

Price Election Amount

determination of Loss Guarantee. Based on Projected Price or Contract Price if

applicable.

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Reinsurance Year: 2018

Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim			Reinsurance Year: 2018 Version: Approved							
	Record Code: P21				Release Date: 9/21/2023					
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	st Price Excl							
Commodity Code	0011 Wheat 0015 Canola	0021 Cotton 0041 Corn			0047 Dry Beans 0051 Grain Sorgh	um	0075 Peanuts 0078 Sunflowers			
<u>commodity code</u>	0018 Rice	0043 Popcorn			0078 Sufficients 0081 Soybeans					
	oolo nice	ооно г орсоги		0091 Barley						
	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 8: Prevented Plant	ting Payment Loss Guarantee Calculation									
	Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	60	99999999.99	Round to nearest dollar and cents.				
Loss Guarantee Amount	= Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	18	99999999.99	None				
		Liability Adjustment Factor	P21	39	9.999999	None				
Section 9: Prevented Plant	ting Payment Indemnity Calculation	·				<u> </u>				
Preliminary Indemnity	= Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	62	S999999999	Round to whole number.				
Amount	- 2000 Gaarantee Amount Insured Share Fellent	Insured Share Percent	P11	43	9.9999	None				
Indemnity Amount	= Preliminary Indemnity Amount * Multiple Commodity = Adjustment Factor	Indemnity Amount	P21	63	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.				
Section 10: Stage Guarant	ee Calculation									
Malting Barley Price and Q	uality Endorsement (ME)									
Guarantee Per Acre1	· Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999.9	Round to nearest whole pounds, nearest hundreth for tonage 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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Reinsurance Year: 2018

	Reinsurance Year: 2018 Version: Approved								
	Record Code:	Acreage Claim P21							
Insurance Plan Code	02 Revenue Protection 0011 Wheat	03 Revenue Protection with Harvest Price Exclusion 0021 Cotton 0047 Dry Beans 0075 Peanuts							
Commodity Code	0011 Wheat 0015 Canola	0021 Cotton 0047 Dry Beans 0075 Peanuts 0041 Corn 0051 Grain Sorghum 0078 Sunflowers							
<u>commounty code</u>	0018 Rice	0043 Popcorn			0067 Dry Peas	14111	0081 Soybeans		
	oolo nice	0043 Горсоні			ooo7 Diyi cas		0091 Barley		
	<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		
When the Insurance Plan (Code is 02, Revenue Protection:								
		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.		
ME Harvest Price	ME Harvest Price = Harvest Price + (Contract Price - 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.		
			ADM		99999.9999	None	The ADM published value with no additional calculations performed. Denoted in Price ADM as barley harvest price with ME option.		
	MAX(Contract Price, ME Harvest Price) * Price Election	Price Election Amount	Internal		9999.9999	Round to 4 decimals.			
Price Election Amount	= Percent	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 wher Insurance Plan Code equals "02".		
When the Insurance Plan (Code is 03, Revenue Protection Harvest Price Exclusion:								
		Price Election Amount	Internal		9999.9999	Round to 4 decimals.			
Price Election Amount	Price Election Amount = Contract Price * Price Election Percent		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 = Guarantee Per Acre2 * Price Election Amount		Acre Stage Guarantee Amount	P21	58	999999999.99	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			
Section 11: Malting Barley	ection 11: Malting Barley Loss Guarantee Calculation								
Loss Guarantee Amount	= Guarantee Per Acre2 * Price Election Amount * = Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	60	99999999.99	Round to nearest dollar and cents.			
	Determined Acreage Liability Adjustment ractor	Determined Acreage	P21	18	99999999.99	None			
		Liability Adjustment Factor	P21	39	9.999999	None			

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Reinsurance Vear: 2018

	Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim				Reinsurance Year: 2018 Version: Approved					
Record Code: P21				Release Date: 9/21/2023						
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	st Price Excl	usion						
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts			
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorgh	num	0078 Sunflowers			
	0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans			
		•			•		0091 Barley			
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>				
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>			
When the Insurance Plan	Code is 02, Revenue Protection:									
		Revenue Conversion Production To Count	P21	45	99999999.99	Round to nearest dollar and cents.	Cannot equal less than 0.			
Production To Count	= MAX(Production to Count Quantity * ME Harvest Price,0)	Production to Count Quantity	P21	34	99999999.99	None				
		ME Harvest Price	Internal		9999.9999					
When the Insurance Plan	Code is 03, Revenue Protection Harvest Price Exclusion:									
		Revenue Conversion Production To Count	P21	45	99999999.99	Round to nearest dollar and cents.				
Revenue Conversion Production To Count	= Production to Count Quantity * Price Election Amount	Production to Count Quantity	P21	34	99999999.99	None				
		Price Election Amount	P11	45	99999.9999	None				
Section 12: Malting Barle	y Indemnity Calculation									
Unit Deficiency Quantity	= Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	59	S99999999.99	Round to nearest dollar and cents.				
		Preliminary Indemnity Amount	P21	62	S9999999999	Round to whole number.				
Preliminary Indemnity Amount	= Unit Deficiency Quantity * Insured Share Percent	Insured Share Percent	P11	43	9.9999	None				
Indemnity Amount = Prelim Adjust	= Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	63	S99999999999	Round to whole number				
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".			
Total Indemnity	Σ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.				

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	Exhibit Number:P21-2, Plan 02 & 03Reinsurance Year:2018Record Name:Acreage ClaimVersion:ApprovedRecord Code:P21Release Date:9/21/2023				Approved		
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Excl	ısion			
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn	otton 0047 Dry Beans orn 0051 Grain Sorghum				0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley
	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
Downed Rice Payment, o _l	ption "DC", for Revenue Protection, "02", and Revenue Pr	otection with Harvest Price Exclusi	ion, "03", Sta	ge 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	9999999.99	None	Summed P11 DRE reported acreage for the unit.
Incurred Assesses FO	= Reported Acreage * 50%	Insured Acreage50	Internal		99999999.99	Round to 1 decimal.	
Insured Acreage50		Reported Acreage	P11	48	9999999.99	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	Payable Downed Rice Acreage	Internal		99999999.99	Round to 1 decimal.	This will be the determined payable downed rice acres for the unit.
	Without deductible: Determined Acreage					Round to nearest dollar and	
		Loss Guarantee Amount	P21	60	99999999.99	cents.	
Loss Guarantee Amount	Payable Downed Rice Acreage * Harvest Expense t = Amount * Price Election Percent * Liability Adjustment	Harvest Expense Amount	ADM				Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = 'DC'.
	Factor	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	t = Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	63	S9999999999	Round to whole number.	
		Insured Share Percent	P11	43	9.9999	None	
Total Indemnity	Σ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	Only Downed Rice records, no base Rice records.

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