Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2025 Version: Draft

	Record Code:	PZI			Release Date:	12/5/2024		
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion				
	0011 Wheat	0031 Flax			0051 Grain Sorg	hum	0081 Soybeans	
	0015 Canola	0041 Corn	041 Corn 0067 Dry Beans					
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts	0094 Rye		
	0018 Rice	0047 Dry Beans			0078 Sunflower	5	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> <u>Rounding</u>	<u>Rules</u>	
Section 1: Stage Guarantee Calo	culation							
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent		Guarantee Per Acre1	Internal		999999999.99	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 Optio	n "SE":	Modified Yield	Internal		99999999.99	Round to whole number.	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton P11 record.	
Modified Yie	eld = Approved Yield * Option Conversion Factor	Approved Yield	P11	42	99999999.99	None		
		Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".	
Guarantee Per Acr	e1 = 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 = 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 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		

Exhibit Name: Indemnity Calculations **Exhibit Number:** P21-2, Plan 02 & 03

Record Name: Acreage Claim

Reinsurance Year: 2025 Version: Draft

	Record Code: P21			Release Date: 12/5/2024				
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion				
	0011 Wheat	0031 Flax			0051 Grain Sorg	thum	0081 Soybeans	
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley	
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye	
	0018 Rice	0047 Dry Beans			0078 Sunflower	rs ·	0805 Weaned Calves	
	0021 Cotton							
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>		
	<u>Calculations</u>	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>	
Revenue Protection, "02", Price E	Election Amount Calculation:	1	T	ı		T		
Price Election Amour	t = MAX(Projected Price, -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]. 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".	

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2025 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion							
	0011 Wheat	0031 Flax			0051 Grain Sorg	ghum	0081 Soybeans		
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley		
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye		
	0018 Rice	0047 Dry Beans			0078 Sunflower	rs	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		
Revenue Protection, "02", Price E	Election Amount Calculation when a contract price is subn	<u> </u>							
Adjusted Harvest Pric	e = [(Contract Price - Projected Price) + Harvest Price]	Adjusted Harvest Price	Internal		99999.9999	None			
		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].			
Price Election Amour	t = MAX(Adjusted Harvest Price, Contract Price) * Price Election Percent					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].			

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim

Reinsurance Year: 2025 Version: Draft

	Record Code:	P21			Release Date:	12/5/2024	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	kclusion			
	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton Calculations It Price Exclusion, "03", Price Election Amount Calculation: on the price of	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans Field Name Price Election Amount	Record Number	Field Number	0051 Grain Sorg 0067 Dry Beans 0075 Peanuts 0078 Sunflower Field Format	Field Rounding 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 nearest 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 one hundredth cent (\$9.9999). When Commodity Code equals Popcorn, "0043", Dry Beans, "0047", or Dry Peas, "0067"	
		Projected Price	ADM		99999.9999	round to nearest one- hundredth cent [\$9.9999]. None	Edit with ADM Price, "A00810". Contract Price that was submitted on P11
		Contract Price Price Election Percent	P11	46	9999.9999	None	(capped with Max Contract Price from ADM). Price Election Percent would equal 1.00 when Insurance Plan Code equals "03".
Acre Stage Guarantee Amou	nt = 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.

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim Record Code: P21

Reinsurance Year: 2025 Version: Draft

	Record Code:	P21			Release Date:	12/5/2024	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0031 Flax			0051 Grain Sorg	hum	0081 Soybeans
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley
Commodity Code	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	Number	<u>Format</u>	Rounding	<u>Rules</u>
Section 2: Loss Guarantee Calculat	ion						
	Constitution Day Associate Station Associate	Loss Guarantee Amount	P21	67	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	
		Revenue Conversion Production to Count	P21	45	99999999.99	Round to nearest dollar and cents.	
		Production to Count Quantity	P21	34	99999999.99		
Revenue Conversion Production to Count	= 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 Pric 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	P21	69	S9999999999	Round to whole number.	
Freiminary indemnity Amount	= Unit Deficiency Quantity * Insured Share Percent	Insured Share Percent	P11	43	9.9999	None	
Indemnity Amount	= Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	70	S9999999999	Round to whole number.	
indennity Anount	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.	

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2025 Version: Draft

	Record Code:	FZI			Release Date:	12/3/2024	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0031 Flax			0051 Grain Sorg	ghum	0081 Soybeans
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	rs	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> <u>Rounding</u>	<u>Rules</u>
Section 4: Stage Guarantee Calcu Replant Payment for Revenue Pro	lation stection, "02", and Revenue Protection with Harvest Price	Exclusion, "03"					
When Stage Code equals Guarantee Per Acre1	Replanted, "R", L = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999999999999999999999999999999999	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	? = 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 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	

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim

Reinsurance Year: 2025 Version: Draft

						• •	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
<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 Sorg 0067 Dry Beans 0075 Peanuts 0078 Sunflower		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>	<u>Rules</u>
Commodity Code <u>not</u> equal Dry Bea	ans, "0047" or Peanuts, "0075":	Acre Stage Guarantee Amount	P21	65	999999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarantee.
		Price Election Amount Maximum Replant Guarantee	P11	45	99999.999	None	Based on Projected Price or Contract Price 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. Edit with SPOI "D00129".
Acre Stage Guarantee Amount	Lesser of: (20% of Guarantee Per Acre2 = OR Maximum Replant Guarantee Per Acre) * Price Election Amount	Per Acre 20% of 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.	Result of '20% of Guarantee Per Acre2' will be used in 'Acre Stage Guarantee Amount' calculation and 'Loss Guarantee Amount' calculation. Value of '20% of Guarantee Per Acre2' should be rounded before compare to 'Maximum Replant Guarantee Per Acre' If Unit of Measure = LBS Round(Guarantee Per Acre2 * 0.20, 0). If Unit of Measure = Tons Round(Guarantee Per Acre2 * 0.20, 2). Other Unit of Measures Round(Guarantee Per Acre2 * 0.20, 1).
Commodity Code equal Peanuts, "C		Maximum Replant Guarantee	ICE				Edit with SPOI "D00129".
Acre Stage Guarantee Amount	= Maximum Replant Guarantee Per Acre	Per Acre					

Exhibit Number: P21-2, Plan 02 & 03

Reinsurance Year: 2025 Record Name: Acreage Claim Record Code: P21

Version: Draft

	Record Code:	P21			Release Date:				
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion					
	0011 Wheat	0031 Flax			0051 Grain Sorg	ghum	0081 Soybeans		
	0015 Canola	0041 Corn	041 Corn 0067 Dry Beans						
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye		
	0018 Rice	0047 Dry Beans			rs .	0805 Weaned Calves			
	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> <u>Rounding</u>	<u>Rules</u>		
Commodity Code equal Dry Beans, '	"0047:	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.		
		Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI ICE "D00129". If lesser of submit in AIP Acre Stage Guarantee field 36 as pounds before price.		
Acre Stage Guarantee Amount =	Lesser of: (Insured's Actual Cost Or = 10% of Guarantee Per Acre2 Or Maximum Replant Guarantee Per Acre) * Price Election Amount	10% of Guarantee Per Acre2	Internal		99999999.99	Pounds, "LBS", Round to whole Number.	Result of '10% of Guarantee Per Acre2' will be used in 'Acre Stage Guarantee Amount' calculation and 'Loss Guarantee Amount' calculation. Value of '10% of 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 * 0.10, 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.		
Section 5: Replant Payment Loss Gu	uarantee Calculation								
Commodity Code <u>not</u> equal Dry Bea		Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.			
Loss Guarantee Amount =	Lesser of ((20% of Guarantee Per Acre2) or Maximum = Replant Guarantee Per Acre) * Price Election Amount	Determined Acreage	P21	18	99999999.99	None			
	* Determined Acreage * Liability Adjustment Factor	Liability Adjustment Factor	P21	39	9.999999	None			
Commodity Code equal Dry Beans, '	"0047: Lesser of (Insured's Actual Cost or Round(10% of	Loss Guarantee Amount	P21	67	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			
	Determined Acreage * Liability Adjustment Factor	Liability Adjustment Factor	P21	39	9.999999	None			

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

Record Name: Acreage Record Code: P21 Reinsurance Year: 2025 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Ha	vest Price Ex	clusion			
	0011 Wheat	0031 Flax			0051 Grain Sorg	hum	0081 Soybeans
	0015 Canola	0041 Corn			0067 Dry Beans	0091 Barley	
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts	0094 Rye	
	0018 Rice	0047 Dry Beans			0078 Sunflower	S	0805 Weaned Calves
	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
Commodity Code equal Peanuts, "	'0075":	Loss Guarantee Amount	P21	67	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	
ection 6: Replant Payment Inder	nnity 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.	
Section 7: Stage Guarantee Calcul Prevented Planting Payment for R	ation evenue Protection, "02", and Revenue Protection with	Harvest Price Exclusion, "03".					
When Stage Code equals:	Prevented Planting Option 2, "P2",					When Unit of Measure equals	
	Prevented Planting Add 5 Percent, "PF"					Pounds, "LBS", then Round to whole Number.	Common Crop Insurance Policy 'productic guarantee (per acre)'.
		Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Tons, "Tons", then Round to 2 decimals.	Guarantee Per Acre1 should be rounded whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
Guarantee Per Acre1	= Approved Yield * Coverage Level Percent					Otherwise, Round to 1 decimal.	
		Approved Yield	P11	42	99999999.99	None	
				34	9.9999	None	
		Coverage Level Percent	P14	34			
Cottonseed Endorsement Option	"SE":	Coverage Level Percent Modified Yield	P14 Internal	34		Round to whole number.	Information (Approved Yield and Insured Share Percent) will be obtained from Cott P11 record.
·	"SE": = Approved Yield * Option Conversion Factor			42			Share Percent) will be obtained from Cott
•		Modified Yield	Internal		99999999.99	Round to whole number.	Share Percent) will be obtained from Cott
		Modified Yield Approved Yield	Internal P11		999999999999999999999999999999999999999	Round to whole number.	Share Percent) will be obtained from Cott P11 record.

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2025 Version: Draft

	Record Code:	P21			Release Date:	12/5/2024	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0031 Flax			0051 Grain Sorg	hum	0081 Soybeans
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	S	0805 Weaned Calves
	0021 Cotton						
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	_
	<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules
Guarantee Per Acre	e2 = 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 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	
			P21	65	999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.
Acre Stage Guarantee Amou	nt = Guarantee Per Acre2 * Price Election Amount	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.

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim

Reinsurance Year: 2025 Version: Draft

	Record Code	: P21			Release Date:	12/5/2024	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0031 Flax			0051 Grain Sorg	hum	0081 Soybeans
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	S	0805 Weaned Calves
	0021 Cotton			1	1		
	Calculations	<u>Field</u> Name	Record Number	Field Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
		<u>name</u>	Number	Number	<u>Format</u>	Kounding	<u>Ruies</u>
Section 8: Prevented Planting Pa	ayment Loss Guarantee Calculation						
		Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amou	Loss Guarantee Amount - Guarantee Per Acre2 * Price Election Amount *	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).
	Determined Acreage * Liability Adjustment Factor	Price Election Amount	P11	45	99999.9999	None	Based on Projected Price or Contract Price 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	

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

Reinsurance Year: 2025 Version: Draft

	Record Code:	P21			Release Date:		
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Fx	clusion			
insurance Flan Code			rest i fice Ex		0054 Caria Cras		0004 Carla anna
	0011 Wheat	0031 Flax 0051 Grain Sorghum					0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Beans	0091 Barley	
<u>commounty code</u>	0016 Oats	0043 Popcorn					0094 Rye
	0018 Rice 0021 Cotton	0047 Dry Beans 0078 Sunflowers					0805 Weaned Calves
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
Section 9: Prevented Planting Pa	yment Indemnity Calculation						
Preliminary Indemnity Amoun	nt = Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	69	S9999999999	Round to whole number.	
. remining machiney Amoun	2555 Sudiantee Amount Insured Share Ferbent	Insured Share Percent	P11	43	9.9999	None	
	preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	70	S999999999	Round to whole number.	
Indemnity Amoun	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnit	y ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.	
Section 10: Stage Guarantee Calo	culation						
Malting Barley Price and Quality	Endorsement (ME)				1	T	
Guarantee Per Acre	r1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999999999999999999999999999999999	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 Acre	:2 = 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	

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim

Reinsurance Year: 2025 Version: Draft

Record Code: P21		e: P21	Release Date: 12/5/2024					
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	vest Price Ex	clusion				
	0011 Wheat	0031 Flax			0051 Grain Sorg	ghum	0081 Soybeans	
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley	
Commodity Code	0016 Oats	0043 Popcorn	0075 Peanuts				0094 Rye	
	0018 Rice	0047 Dry Beans	0078 Sunflowers				0805 Weaned Calves	
	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> <u>Rounding</u>	<u>Rules</u>	
		ME Harvest Price	Internal		9999.9999	Round to 4 decimals.		
ME Harvest Price = Harvest Price + (Contract Price - Projected Price)		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	o 02, Revenue Protection:							
		Price Election Amount	Internal		9999.9999	Round to 4 decimals.		
Price Election Amour	Price Election Amount = MAX(Contract Price, ME Harvest Price) * 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	Internal		9999.9999	Round to 4 decimals.		
Price Election Amount = Contract Price * Price Election Percent		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 Amour	nt = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	P21	65	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		

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2025 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0031 Flax			0051 Grain Sorg	hum	0081 Soybeans
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	rs .	0805 Weaned Calves
	0021 Cotton						
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules
Section 11: Malting Barley Loss Gu	arantee Calculation						
Loss Guarantee Amount	= Guarantee Per Acre2 * Price Election 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	
	= MAX(Production to Count Quantity * ME Harvest Price,0)	Revenue Conversion Production To Count	P21	45	99999999.99	Round to nearest dollar and cents.	Cannot equal less than 0.
Revenue Conversion Production		Production to Count Quantity	P21	34	99999999.99	None	
To Count		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 Indemn	ity Calculation						
Unit Deficiency Quantity	= Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	66	\$99999999.99	Round to nearest dollar and cents.	
	=Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	69	S9999999999	Round to whole number.	
Tremmary machinity randome		Insured Share Percent	P11	43	9.9999	None	
	= Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	70	S9999999999	Round to whole number.	
Indemnity Amount		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		S999999999	Round to whole number.	

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim

Reinsurance Year: 2025 Version: Draft

	Record Code	e: P21			Release Date:	12/5/2024	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Ham	vest Price Ex	clusion			
	0011 Wheat	0031 Flax			0051 Grain Sorg	ghum	0081 Soybeans
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley
Commodity Code	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	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> <u>Rounding</u>	<u>Rules</u>
Downed Rice Payment, option "E	OC", for Revenue Protection, "02", and Revenue Protecti	on with Harvest Price Exclusion, "C	3", Stage Co	ode = "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.
ection 13: Downed Rice Payme	nt Loss Guarantee Calculation		1		ı	1	
In accord A accord 10	= Reported Acreage * 10%	Insured Acreage10	Internal		99999999.99	Round to 1 decimal.	
Insured Acreage10		Reported Acreage	P11	48	9999999.99	None	Summed P11 DRE reported acreage for the unit.
	= 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 Without deductible: Determined Acreage	Payable Downed Rice Acreage	Internal		99999999.99	Round to 1 decimal.	This will be the determined payable downer rice acres for the unit.
		Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amour	Payable Downed Rice Acreage * Harvest Expense = Amount * Price Election Percent * Liability Adjustment Factor	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	
ection 14: Downed Rice Payme	nt Indemnity Calculation						
Indemnity Amoun	nt = Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	70	S9999999999	Round to whole number.	
indennity Amour	n – 2033 Guarantee Amount - Insureu Share Fellent	Insured Share Percent	P11	43	9.9999	None	
			1	i —	1		Only Downed Rice records, no base Rice

Exhibit Number: P21-2, Plan 02 & 03

Record Name: Acreage Claim

Reinsurance Year: 2025 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0031 Flax			0051 Grain Sorg	hum	0081 Soybeans
	0015 Canola	0041 Corn			0067 Dry Beans		0091 Barley
<u>Commodity Code</u>	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans 0078 Sunflowers				rs .	0805 Weaned Calves
	0021 Cotton						
	Calculations	<u>Field</u>	Record	<u>Field</u> Number	<u>Field</u>	<u>Field</u>	Dules
This Costion is Cussifically for Was	Calculations	Name	Number	Number	Format	Rounding	Rules
. ,	aned Calf Risk Protection, Commodity Code, "0805," Inde	emnity Calculations.					
Section 15: Stage Guarantee Calcu	ulation		ı		1	If Unit of Measure equals	
			Internal		999999999.99	l ·	Guarantee Per Head1 should be rounded to whole pounds for Weaned Calf, "0805".
Guarantee Per Head1 = Approved Yield * Coverage Level Percent		Approved Yield	P11	42	99999999.99	None	Approved Yield must be in whole pounds when Commodity Code equals Weaned Cal "0805."
		Coverage Level Percent	P14	34	9.9999	None	
Guarantee Per Head2 = Guarantee per Head1 * Guarantee Adjustment 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 Calf, "0805".
		Guarantee Adjustment Factor	P11	69	0.999	None	
	H = Projected Price * (1+Projected Price Adjustment Factor * (650-MAX(200, MIN(750, Approved Yield))))	Formulated Producer Projected Price	Internal		9.9999		
Cormulated Draducer Draineted		Projected Price	ADM		99999.9999		Edit with ADM Price, "00810".
Price		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 Cal "0805."
		Formulated Producer Harvest Price	Internal		9.9999		
		Harvest Price	ADM		99999.9999		Edit with ADM Price, "00810".
Formulated Producer Harvest Price	t = Harvest Price * (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Approved Yield))))	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 Cal "0805."
Revenue Protection, "02", Price El	Max(Formulated Producer Projected Price, nt = Formulated Producer Harvest Price) * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code equals Weaned Calf, "0805",round to nearest whole cent [\$9.99].	
Price Flection Amount		Formulated Producer Projected Price	Internal		99999.9999	None	
Frice Election Amount		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".

Exhibit Name: Indemnity Calculations **Exhibit Number:** P21-2, Plan 02 & 03

Record Name: Acreage Claim

Reinsurance Year: 2025 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Ex	clusion			
	0011 Wheat	0031 Flax			0051 Grain Sorg	hum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn 0067 Dry Beans					0091 Barley
	0016 Oats	0043 Popcorn 0075 Peanuts				0094 Rye	
	0018 Rice	0047 Dry Beans 0078 Sunflowers				0805 Weaned Calves	
	0021 Cotton	,					
		Field	Record	Field	Field	Field	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
Revenue Protection with Harvest F	rice Exclusion, "03", Price Election Amount Calculation:	Price Election Amount	Internal		9999.999	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		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 Calcula	ation						
Loss Guarantee Amount	= Guarantee Per Head2 * Price Election Amount * Determined Head Count * Liability Adjustment Factor	Loss Guarantee Amount	P21	64	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount		Determined Head Count	P21	66	99999999	None	
		Liability Adjustment Factor	P21	39	9.999999	None	
		Revenue Conversion Production to Count	P21	45	99999999.99	Round to nearest dollar and cents.	
		to Count Production to Count Quantity	P21	45 34	99999999.99		
	Production to Count Quantity * Harvest Price *	to Count					Edit with ADM Price, "00810".
Revenue Conversion Production to Count	Production to Count Quantity * Harvest Price * = (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Production to Count Quantity)))) * Price	to Count Production to Count Quantity	P21		99999999.99		Edit with ADM Price, "00810". Edit with ADM Price, "00810".
		to Count Production to Count Quantity Harvest Price	P21 ADM		999999999999999999999999999999999999999	cents.	·
Section 17: Indemnity Calculation	= (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Production to Count Quantity)))) * Price Election Percent	to Count Production to Count Quantity Harvest Price Harvest Price Adjustment Factor	P21 ADM ADM		99999999.99 99999.9999 9.99999	None	Edit with ADM Price, "00810". Price Election Percent would equal 1.00
Section 17: Indemnity Calculation	= (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Production to Count Quantity)))) * Price	to Count Production to Count Quantity Harvest Price Harvest Price Adjustment Factor	P21 ADM ADM		99999999.99 99999.9999 9.99999	None	Edit with ADM Price, "00810". Price Election Percent would equal 1.00
Section 17: Indemnity Calculation Unit Deficiency Quantity	= (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Production to Count Quantity)))) * Price Election Percent	to Count Production to Count Quantity Harvest Price Harvest Price Adjustment Factor Price Election Percent Unit Deficiency Quantity Preliminary Indemnity Amount	P21 ADM ADM ICE P21 P21	34 64 66	99999999999999999999999999999999999999	None Round to nearest dollar and cents. Round to whole number.	Edit with ADM Price, "00810". Price Election Percent would equal 1.00
Section 17: Indemnity Calculation Unit Deficiency Quantity Preliminary Indemnity Amount	= (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Production to Count Quantity)))) * Price Election Percent = Loss Guarantee Amount – Revenue Conversion Production to Count = Unit Deficiency Quantity * Insured Share Percent	to Count Production to Count Quantity Harvest Price Harvest Price Adjustment Factor Price Election Percent Unit Deficiency Quantity Preliminary Indemnity Amount Insured Share Percent	P21 ADM ADM ICE P21 P21 P11	64 66 43	99999999999999999999999999999999999999	None Round to nearest dollar and cents. Round to whole number. None	Edit with ADM Price, "00810". Price Election Percent would equal 1.00
Section 17: Indemnity Calculation Unit Deficiency Quantity Preliminary Indemnity Amount	= (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Production to Count Quantity)))) * Price Election Percent = Loss Guarantee Amount – Revenue Conversion Production to Count	to Count Production to Count Quantity Harvest Price Harvest Price Adjustment Factor Price Election Percent Unit Deficiency Quantity Preliminary Indemnity Amount	P21 ADM ADM ICE P21 P21	34 64 66	99999999999999999999999999999999999999	None Round to nearest dollar and cents. Round to whole number.	Edit with ADM Price, "00810". Price Election Percent would equal 1.00