Record Code: P21

	Record Code	: P21			Release Date:	6/27/2024	
<u>Insurance Plan Code</u>	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
<b>Commodity Code</b>	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	S	0805 Weaned Calves
		<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 1: Stage Guarantee Ca	liculation		ı		1		T
		Guarantee Per Acre1				When Unit of Measure equals Pounds, "LBS", then Round to whole Number.	Common Crop Insurance Policy 'production guarantee (per acre)'.
Guarantee Per Ad	Guarantee Per Acre1 = Approved Yield * Coverage Level Percent		Internal		999999999.99	When Unit of Measure equals Tons, "Tons", then Round to 2 decimals.	Guarantee Per Acre1 should be rounded to 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	
Cottonseed Endorsement Opti	on "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 Y	/ield = 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 Ad	cre1 = 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 Ad	cre2 = 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

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Reinsurance Year: 2025

Record Record

d Name: Acreage Claim	<b>Version:</b> Approve
rd Code: P21	Release Date: 6/27/202

	Record Code	: P21			Release Date	: 6/27/2024	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with H	arvest Price Ex	clusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	ghum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas	5 -	0091 Barley
<del></del>	0016 Oats	0043 Popcorn			0075 Peanuts	0094 Rye	
	0018 Rice	0047 Dry Beans			0078 Sunflower	rs	0805 Weaned Calves
		, <u>Field</u>	Record	Field	Field	<u>Field</u>	
	Calculations	<u>Name</u>	<u>Number</u>		<u>Format</u>	<u>Rounding</u>	<u>Rules</u>
Revenue Protection, "02", Price E	lection Amount Calculation:						
Price Election Amoun	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 onetenth cent [\$9.999].  When Commodity Code equals Popcorn, "0043", Dry Beans, "0047", or Dry Peas, "0067" round to nearest onehundredth 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 Name:** Indemnity Calculations **Exhibit Number:** P21-2, Plan 02 & 03

Record Name: Acreage Claim
Record Code: P21

	Record Code: P21				Release Date:		
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Ha	arvest Price Ex	clusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
<b>Commodity Code</b>	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans 0078 Sunflowers				S	0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u>	Record Number	<u>Field</u>	<u>Field</u>	<u>Field</u> Rounding	Rules
Pougnus Protection "02" Price F	Election Amount Calculation when a contrct price is submi	Name trade	<u>ivumber</u>	<u>ivumber</u>	<u>Format</u>	Kounding	Rules
	·					<u> </u>	Ī
Adjusted Harvest Pric	ce = [(Contract Price - Projected Price) + Harvest Price]	Adjusted Harvest Price	Internal		99999.9999	None	
			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	nt = MAX(Adjusted Harvest Price, Contract Price) * Price Election Percent					When the result is based on a Contract Price for Speciality 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-hundreth cent [\$9.9999].	

		Record Name: Acreage Claim Record Code: P21			Version: Release Date:		
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	cclusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
<b>Commodity Code</b>	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn	0075 Peanuts				0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	S	0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
Revenue Protection with Harves  Price Election Amou	nt = 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 onetenth 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-bundredth cent [\$9.999]	
		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 when Insurance Plan Code equals "03".
Acre Stage Guarantee Amou	nt = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		1 999999999 99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.

Record Code: P21

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Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	ast Drica Fy	clusion			
Insurance Plan Code	02 Revenue Protection	os kevenue Protection with harv	est Price Ex	ciusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	ghum	0081 Soybeans
<u>Commodity Code</u>	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	S	0805 Weaned Calves
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	Rules
Section 2: Loss Guarantee Calcula	ation	ı	1	ı	ı	I	
	Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	67	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	
		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 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	y = Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	66	S99999999.99	Round to nearest dollar and cents.	
Preliminary Indemnity Amount	t = 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		P21	70	S9999999999	Round to whole number.	
	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemnity	y ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

Record Code: P21

	Record Code: P21			Release Date: 6/27/2024					
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion					
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans		
<b>Commodity Code</b>	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley		
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye		
	0018 Rice	0047 Dry Beans	0078 Sunflowers			S	0805 Weaned Calves		
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>			
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	<u>Rounding</u>	<u>Rules</u>		
Section 4: Stage Guarantee Calcu Replant Payment for Revenue Pro When Stage Code equals	ulation otection, "02", and Revenue Protection with Harvest Price Replanted, "R",	e Exclusion, "03"	_	1	l				
	1 = 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 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 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			

Record Code: P21

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Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	S	0805 Weaned Calves
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
Commodity Code <u>not</u> equal Dry Bea	nns, "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	P11	45	99999.999	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,
	Lorson of	Maximum Replant Guarantee Per Acre	ICE				use the CAT price.  Edit with SPOI "D00129".
Acre Stage Guarantee Amount	(20% of Guarantee Per Acre2  = OR  Maximum Replant Guarantee Per Acre) * Price Election Amount	20% of Guarantee Per Acre2	Internal			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, "0  Acre Stage Guarantee Amount :	075": = Maximum Replant Guarantee Per Acre	Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI "D00129".

Record Code: P21

Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024

**Insurance Plan Code** 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0041 Corn 0015 Canola 0091 Barley 0067 Dry Peas 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0047 Dry Beans 0805 Weaned Calves 0018 Rice 0078 Sunflowers Field Field **Field** Field Record **Number Calculations Name** <u>Number</u> **Format** Rounding Rules Not used in determination of Loss Round to nearest dollar and Commodity Code equal Dry Beans, "0047: Acre Stage Guarantee Amount P21 65 99999999.99 cents. Guarantee 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 Lesser of: be used in 'Acre Stage Guarantee Amount' calculation and 'Loss Guarantee Amount' (Insured's Actual Cost calculation. Value of '10% of Guarantee Per Or Pounds, "LBS", Round to whole Acre2' should be rounded before compare Acre Stage Guarantee Amount = 10% of Guarantee Per Acre2 10% of Guarantee Per Acre2 Internal 9999999.99 Number. to 'Maximum Replant Guarantee Per Acre'. If lesser of submit in AIP Acre Stage Maximum Replant Guarantee Per Acre) Guarantee 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 P21 36 99999999.99 Insured's Actual Cost converted to pounds per Dry Beans Loss Adjustment Handbook. Section 5: Replant Payment Loss Guarantee Calculation Commodity Code not equal Dry Beans, "0047" or Peanuts, "0075": Round to nearest dollar and Loss Guarantee Amount P21 67 9999999.99 cents. Lesser of ((20% of Guarantee Per Acre2) or Maxiumum Replant Guarantee Per Acre) \* Price 99999999.99 P21 18 None **Determined Acreage** Loss Guarantee Amount = Election Amount \* Determined Acreage \* Liability Liability Adjustment Factor P21 39 9.999999 None **Adjustment Factor** Commodity Code equal Dry Beans, "0047: Round to nearest dollar and 9999999.99 Loss Guarantee Amount P21 cents. Lesser of (Insured's Actual Cost or Round(10% of Guarantee Per Acre2, 0) or Maximum Replant Determined Acreage P21 18 9999999.99 None Loss Guarantee Amount = Guarantee Per Acre) \* Price Election Amount \* Determined Acreage \* Liability Adjustment Factor Liability Adjustment Factor P21 39 9.999999 None

Version: Approved

**Reinsurance Year: 2025** 

Record Code: P21 Release Date: 6/27/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0021 Cotton 0011 Wheat 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0041 Corn 0015 Canola 0091 Barley 0067 Dry Peas 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0047 Dry Beans 0805 Weaned Calves 0018 Rice 0078 Sunflowers Field Record Field **Field** Field Rounding **Number Calculations** Name Number **Format Rules** Commodity Code equal Peanuts, "0075": Round to nearest dollar and Loss Guarantee Amount 9999999.99 P21 cents. Loss Guarantee Amount = Maximum Replant Guarantee Per Acre \* P21 99999999.99 None Determined Acreage 18 Determined Acreage \* Liability Adjustment Factor Liability Adjustment Factor P21 39 9.999999 None Section 6: Replant Payment Indemnity Calculation S999999999 **Indemnity Amount** P21 70 Round to whole number. Indemnity Amount = Loss Guarantee Amount \* Insured Share Percent Insured Share Percent P11 43 9.9999 None Total Indemnity ∑ Indemnity Amount for the Unit S999999999 Total Indemnity Internal Round to whole number. 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", When Unit of Measure equals Pounds, "LBS", then Round to Common Crop Insurance Policy 'production Prevented Planting Add 5 Percent, "PF" whole Number. guarantee (per acre)'. 99999999.99 When Unit of Measure equals Guarantee Per Acre1 Internal Guarantee Per Acre1 should be rounded to Tons, "Tons", then Round to 2 whole pounds for Dry Beans, "0047" (all decimals. 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 Coverage Level Percent P14 34 9.9999 None Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": **Modified Yield** 99999999.99 Internal 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". 9999999.99 Guarantee Per Acre1 Internal Round to whole number. Guarantee Per Acre1 = Modified Yield \* Coverage Level Percent Coverage Level Percent P14 34 9.9999 None

Record Code: P21

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
<b>Commodity Code</b>	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn 0075 Peanuts					0094 Rye
	0018 Rice	0047 Dry Beans 0078 Sunflowers				S	0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
Guarantee Per Acre	e2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal			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 t whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
		Guarantee Adjustment Factor	P11	69	0.999	None	
		Acre Stage Guarantee Amount	P21	65	999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not use in determination of Loss Guarantee.
cre 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 applicable.  White (Type Code 341) and Waxy (Type Code 381) Specialty Type Corn will use the Projected Price for buyup. For CAT coveraguse the CAT price.

Reinsurance Year: 2025

Version: Approved

	Record Name Record Code	e: Acreage Claim e: P21			Version: Release Date:	Approved 6/27/2024	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower		0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</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 Amoui	Guarantee Per Acre2 * Price Election Amount * nt = Determined Acreage * Liability 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).
		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	

Record Code: P21

	Record Code:	: P21			Release Date:	6/27/2024	
<u>Insurance Plan Code</u>	02 Revenue Protection	03 Revenue Protection with Harve	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	S	0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
Section 9: Prevented Planting Pa	ayment Indemnity Calculation						
Preliminary Indemnity Amount = Loss Guarantee Amount * Insured Share Percent		Preliminary Indemnity Amount	P21	69	S9999999999	Round to whole number.	
Tremmary machiney / moa			P11	43	9.9999	None	
	Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor		P21	70	S999999999	Round to whole number.	
Indemnity Amou			ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Total Indemni	ty ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	
Section 10: Stage Guarantee Cal	<b>l</b> culation						
Malting Barley Price and Quality	Endorsement (ME)		1	1			
Guarantee Per Acre	e1 = 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 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 Adjustment Factor	P11	69	0.999	None	

Version: Approved Release Date: 6/27/2024

**Reinsurance Year: 2025** 

Record Code: P21 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0011 Wheat 0021 Cotton 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0041 Corn 0015 Canola 0091 Barley 0067 Dry Peas 0016 Oats 0043 Popcorn 0075 Peanuts 0094 Rye 0047 Dry Beans 0805 Weaned Calves 0018 Rice 0078 Sunflowers Field Record Field **Field** <u>Field</u> Number **Calculations Number** Rules Name **Format** Rounding ME Harvest Price 9999.9999 Round to 4 decimals. Internal The Contract Price (ME Projected Price) that was submitted on P11 (capped by the Max **Contract Price** P11 46 9999.9999 None Contract Price from ADM) and used to calculate the premium. The ADM published value with no additional ME Harvest Price = Harvest Price + (Contract Price - Projected Price) calculations performed. Denoted in Price Projected Price ADM 99999.9999 None ADM as barley projected price with ME option. The ADM published value with no additional Harvest Price ADM 99999.9999 None calculations performed. Denoted in Price ADM as barley harvest price with ME option. When the Insurance Plan Code is 02, Revenue Protection: Internal 9999.9999 Price Election Amount Round to 4 decimals. Price Election Amount = MAX(Contract Price, ME Harvest Price) \* Price Election Percent Price Election Percent would equal 1.00 Price Election Percent ICE 9.9999 None 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. The Contract Price (ME Projected Price) that was submitted on P11 (capped with Max P11 9999.9999 None **Contract Price** 46 Price Election Amount = Contract Price \* Price Election Percent Contract Price from ADM) and used to calculate the premium. Price Election Percent ICE 9.9999 None Common Crop Insurance Policy 'revenue Round to nearest dollar and P21 99999999.99 protection guarantee (per acre)'. Not used Acre Stage Guarantee Amount 65 Cents Acre Stage Guarantee Amount = Guarantee Per Acre2 \* Price Election Amount in determination of Loss Guarantee. P11 45 99999.9999 None Price Election Amount

Record Code: P21

	necora code.				Neicase Date.	0/2//2021	
<u>Insurance Plan Code</u>	02 Revenue Protection	03 Revenue Protection with Harve	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans	0078 Sunflowers				0805 Weaned Calves
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
Section 11: Malting Barley Loss Gu	uarantee Calculation						
Loss Guarantee Amount	Guarantee Per Acre2 * Price Election Amount *	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	P21	45	99999999.99	Round to nearest dollar and cents.	Cannot equal less than 0.
Revenue Conversion Production	= MAX(Production to Count Quantity * ME Harvest	Production to Count Quantity	P21	34	99999999.99	None	
To Count	= Price,0)	ME Harvest Price	Internal		9999.9999		If the Harvest Price has not been released, the Contract Price can be used for validatio of Revenue to Count.
Section 12: Malting Barley Indemr	nity 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.	
Tremmary macminey Amount	- office bendericy quantity misured share refeeme	Insured Share Percent	P11	43	9.9999	None	
	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	70	S9999999999	Round to whole number	
Indemnity 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.	

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

**Reinsurance Year: 2025** 

	Record	Record Name: Acreage Claim  Record Code: P21  Record Code: P21  Release Date: 6/27/2024				Approved			
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion							
	0011 Wheat	0021 Cotton			0051 Grain Sorg	0081 Soybeans			
Commodity Code	0015 Canola	0041 Corn	-				0091 Barley		
· · · · · · · · · · · · · · · · · · ·	0016 Oats	0043 Popcorn			0075 Peanuts	0094 Rye			
	0018 Rice	0047 Dry Beans	0078 Sunflowers    Record   Field   Field   Field     Number   Number   Format   Rounding			S	0805 Weaned Calves		
	<u>Calculations</u>	<u>Field</u> <u>Name</u>					Rules		
Downed Rice Payment, option "	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 Payme	ent Loss Guarantee Calculation								
	= 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.		
Insured Acreage50	= Reported Acreage * 50%	Insured Acreage50	Internal		99999999.99	Round to 1 decimal.			
		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 downe rice acres for the unit.		
		Loss Guarantee Amount	P21	67	99999999.99	Round to nearest dollar and cents.			
Loss Guarantee Amount	Payable Downed Rice Acreage * Harvest Expense nt = Amount * Price Election Percent * Liability Adjustment Factor	nse 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 Payme	ent Indemnity Calculation						•		
		Indemnity Amount	P21	70	S9999999999	Round to whole number.			
Indemnity Amou	t = Loss Guarantee Amount * Insured Share Percent	Insured Share Percent	P11	43	9.9999	None			
Total Indemni	ty ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	Only Downed Rice records, no base Rice records.		

**Reinsurance Year: 2025** Version: Approved

	Record Name: Acreage Claim  Record Code: P21			Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion								
	0011 Wheat	0021 Cotton 0051 Grain Sorghum					0081 Soybeans		
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley		
	0016 Oats	0043 Popcorn 0075 Peanuts					0094 Rye		
	0018 Rice	0047 Dry Beans			0078 Sunflower	0805 Weaned Calves			
	Coloulations	<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	Pulse		
	Calculations	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	<u>Rules</u>		
This Section is Specificallly for Weaned Calf Risk Protection, Commodity Code, "0805," Indemnity Calculations.									
Section 15: Stage Guarantee Cal	culation								
		Guarantee Per Head1	Internal			If Unit of Measure equals Pounds "LBS", then round to whole number.	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 Calf, "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			
	d = Projected Price * (1+Projected Price Adjustment = Factor * (650-MAX(200, MIN(750, Approved Yield))))	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 Calf, "0805."		
Formulated Producer Harvest = Harve Price = (650-N		Formulated Producer Harvest Price	Internal		9.9999				
	t = Harvest Price * (1+Harvest Price Adjustment Factor * e (650-MAX(200, MIN(750, Approved Yield))))	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 Calf, "0805."		
Revenue Protection, "02", Price E		Price Election Amount	Internal		9999.999	When Commodity Code equals Weaned Calf, "0805",round to nearest whole cent [\$9.99].			
Price Election Amount	Max(Formulated Producer Projected Price, int = Formulated Producer Harvest Price) * Price Election	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".		

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

**Reinsurance Year: 2025** Version: Approved Release Date: 6/27/2024

Record Name: Acreage Claim Record Code: P21

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorg	hum	0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas	0091 Barley	
	0016 Oats	0043 Popcorn	13 Popcorn 0075 Peanuts				0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflower	;	0805 Weaned Calves
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	<u>Rounding</u>	<u>Rules</u>
evenue Protection with Harvest	Price 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 Guarante Amour	ee = Guarantee Per Head2 * Price Election Amount nt	Head Count Stage Guarantee Amount	Internal		999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not use in determination of Loss Guarantee.
ection 16: Loss Guarantee Calcu	ulation						
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.	
		Determined Head Count	P21	66	99999999	None	
		Liability Adjustment Factor	P21	39	9.999999	None	
	= (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Production to Count Quantity)))) * Price Flection Percent	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		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".
ection 17: Indemnity Calculatio	n						
Unit Deficiency Quanti	ty = Loss Guarantee Amount – Revenue Conversion 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	= Preliminary Indemnity Amount * Multiple 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 Indemnit	ty ∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	