Record Code: P21

Insurance Plan Co	02 Revenue Protection	03 Revenue Protection with Harve	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Cod	de 0015 Canola	0041 Corn			0051 Grain Sorg	hum	0078 Sunflowers
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans
	0018 Rice						0091 Barley
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	<u>Rules</u>
Section 1: Stage Guaran		- Indiana	110			<u></u>	<u></u>
	Per Acre1 = 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	
Cottonseed Endorsemer	nt Option "SE":	Modified Yield	Internal		99999999.99	Round to whole number.	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton P11 record.
Mod	dified Yield = 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 Acre1 = Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Round to whole number.	
		Coverage Level Percent	P14	34	9.9999	None	
Guarantee	Per Acre2 = 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

	Necola Code				ncicase bate.	0/0/2024	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
Commodity Code Revenue Protection, "02", Price E	0011 Wheat 0015 Canola 0016 Oats 0018 Rice Calculations Election Amount Calculation:	0021 Cotton 0041 Corn 0043 Popcorn Field Name	Record Number		0047 Dry Beans 0051 Grain Sorg 0067 Dry Peas <u>Field</u> <u>Format</u>	Field Rounding When Commodity Code equals	0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley Rules
Price Election Amour	mAX(Projected Price, -Harvest Price) * Price Election Percent	Price Election Amount	Internal		9999.999	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).
			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

Reinsurance Year: 2023 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion					
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts		
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	hum	0078 Sunflowers		
	0016 Oats	0043 Popcorn	0067 Dry Peas				0081 Soybeans		
	0018 Rice						0091 Barley		
		<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	renue Protection, "02", Price Election Amount Calculation when a contrct price is submitted:								
Adjusted Harvest Price	e = [(Contract Price - Projected Price) + Harvest Price]	Adjusted Harvest Price	Internal		99999.9999	None			
		Price Election Amount	Internal			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 Amoun	t = 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 Code: P21

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9.9999

99999999.99

None

cents.

Round to nearest dollar and

ADM).

Price Election Percent would equal 1.00

when Insurance Plan Code equals "03".

Common Crop Insurance Policy 'revenue

in determination of Loss Guarantee.

protection guarantee (per acre)'. Not used

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	hum	0078 Sunflowers
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans
	0018 Rice	·			•		0091 Barley
		<u>Field</u>	Record	Field	Field	Field	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
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 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 P (capped with Max Contract Price from

ICE

Internal

Price Election Percent

Acre Stage Guarantee Amount = Guarantee Per Acre2 * Price Election Amount

Acre Stage Guarantee Amount

Record Code: P21

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	hum	0078 Sunflowers
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans
	0018 Rice			0091 Barley			
		<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 2: Loss Guarantee Calculat	ion		1	Ī	ı	la	
	Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	64- 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	
	= Production to Count Quantity * Harvest Price	Revenue Conversion Production to Count	P21	45	99999999.99	Round to nearest dollar and cents.	
		Production to Count Quantity	P21	34	99999999.99		
Revenue Conversion Production to Count		Harvest Price	ADM		99999.9999	None	Edit with ADM Price, "00810". If Contract Price was submitted on the P11 then Harvest Price will be adjusted by difference between Projected Price and Contract Price. If Harvest Price has not been released for revenue Protection, "02", the Projected Price or Contract Price (whichever applies) can be used for validation of Revenue to Count.
Section 3: Indemnity Calculation							
Unit Deficiency Quantity	= Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	63- 66	S99999999.99	Round to nearest dollar and cents.	
Preliminary Indemnity Amount	= Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	66- 69	S9999999999	Round to whole number.	
Tremimary mueminty Amount	- one bendency quantity insured share rescent	Insured Share Percent	P11	43	9.9999	None	
Indemnity Amount	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	67- 70	S9999999999	Round to whole number.	
machinity Amount	Adjustment Factor	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.	

Record Code: P21

Reinsurance Year: 2023 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Ex	clusion				
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts	
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	hum	0078 Sunflowers	
	0016 Oats	0043 Popcorn		0081 Soybeans				
	0018 Rice						0091 Barley	
		<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 4: Stage Guarantee Calculation Replant Payment for Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03"								
When Stage Code equals Guarantee Per Acres	Replanted, "R", L = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	Common Crop Insurance Policy 'production guarantee (per acre)'. Guarantee Per Acre1 should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).	
		Approved Yield	P11	42	99999999.99	None		
		Coverage Level Percent	P14	34	9.9999	None		
Guarantee Per Acre2	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

Reinsurance Year: 2023 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	thum	0078 Sunflowers
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans
	0018 Rice						0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules
Commodity Code <u>not</u> equal Dry Bea	ns, "0047" or Peanuts, "0075":	Acre Stage Guarantee Amount	P21	62 -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, use the CAT price.
		Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI "D00129".
Acre Stage Guarantee Amount	Lesser of: (20% of Guarantee Per Acre2 = OR Maximum Replant Guarante e Per Acre) * Price Election Amount	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, "0		Maximum Replant Guarantee	ICE				Edit with SPOI "D00129".
Acre Stage Guarantee Amount :	= Maximum Replant Guarantee Per Acre	Per Acre					

Record Code: P21

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	hum	0078 Sunflowers
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans
	0018 Rice						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>	<u>Rules</u>
Commodity Code equal Dry Beans, '	'0047:	Acre Stage Guarantee Amount	P21	62 -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	ns, "0047" or Peanuts, "0075": Lesser of ((20% of Guarantee Per Acre2) or	Loss Guarantee Amount	P21	64- 67	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount =	Maxiumum Replant Guarantee Per Acre) * Price	Determined Acreage	P21	18	99999999.99	None	
2000 Gastanice Amount	Election Amount * 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	64- 67	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount =	Guarantee Per Acre2, 0) 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	

Record Code: P21

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	hum	0078 Sunflowers
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans
	0018 Rice						0091 Barley
		<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
Commodity Code equal Peanuts, "	0075":	Loss Guarantee Amount	P21	64- 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	
Section 6: Replant Payment Inden							
Indemnity Amount	= Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	67- 70	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.	
Section 7: Stage Guarantee Calcula							
Prevented Planting Payment for Ro When Stage Code equals:	evenue Protection, "02", and Revenue Protection with I Prevented Planting Option 2, "P2",	Harvest Price Exclusion, "03".	1	ı			
When Stage Code equals.	Prevented Planting Add 10 Percent, "PT",					When Unit of Measure equals	
	Prevented Planting Add 5 Percent, "PF"					Pounds, "LBS", then Round to whole Number.	Common Crop Insurance Policy 'production guarantee (per acre)'.
Custostas Das Assat	- Angurus d Viold * Courses Level Devent	Guarantee Per Acre1	Internal		99999999.99	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).
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	
Cottonseed Endorsement Option "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 Yield	= 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".
Guarantoo Par Acre1	= Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Round to whole number.	
Guarantee Per ACTE1	- Modified field 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			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn	0041 Corn 0051 Grain Sorghum				0078 Sunflowers
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans
	0018 Rice						0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules
Guarantee Per Acre2	Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor		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	62 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 Amount	t = 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.

Record Code: P21

	Record Code	: P21					
		O2 Danier Dante diese with Hea	D.: F.				
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	cciusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	hum	0078 Sunflowers
	0016 Oats	0043 Popcorn			0081 Soybeans		
	0018 Rice						0091 Barley
	Calculations	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	P. J.
Section 8: Prevented Planting Pa	<u>Calculations</u> syment Loss Guarantee Calculation	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules
Section 6. Trevenced Hanting Fo	ymene 2000 Guarantee Calculation	Loss Guarantee Amount	P21	64 67	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amour	nt = Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Guarantee Per Acre2	Internal		99999999999999	·	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

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Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Ex	clusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	hum	0078 Sunflowers
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans
	0018 Rice						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>	<u>Rules</u>
Section 9: Prevented Planting Pay	ment Indemnity Calculation						
Preliminary Indemnity Amount	= Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	66- 69	S999999999	Round to whole number.	
		Insured Share Percent	P11	43	9.9999	None	
la describe A	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	67- 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.	
Section 10: Stage Guarantee Calcu	ulation						
Malting Barley Price and Quality E	ndorsement (ME)						
Guarantee Per Acre1	= Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999999999999999999999999999999999	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	
		<u> </u>	1		1	<u> </u>	1

Record Code: P21

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion						
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts	
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	thum	0078 Sunflowers	
	0016 Oats	0043 Popcorn	0067 Dry Peas				0081 Soybeans	
	0018 Rice		0091 Barley					
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules	
When the Insurance Plan Code i	is 02, Revenue Protection:	<u> </u>	1				<u> </u>	
		ME Harvest Price	Internal		9999.9999	Round to 4 decimals.		
			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 = Harvest Price + (Contract Price - Projected 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	
When the Insurance Plan Code i	is 02, Revenue Protection:							
	Price Election Amount = MAX(Contract Price, ME Harvest Price) * Price Election Percent		Internal		9999.9999	Round to 4 decimals.		
Price Election Amou			ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code equals "02".	
When the Insurance Plan Code i	is 03, Revenue Protection Harvest Price Exclusion:							
		Price Election Amount	Internal		9999.9999	Round to 4 decimals.		
Price Election Amou	unt = 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 Amou	unt = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	P21	62 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		
			1		1	I	1	

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

Record Name: Acreage Claim
Record Code: P21

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion						
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts	
Commodity Code	0015 Canola	0041 Corn 0051 Grain Sorghum				hum	0078 Sunflowers	
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans	
	0018 Rice						0091 Barley	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>	
Section 11: Malting Barley Loss Gu	arantee Calculation							
Loss Guarantee Amount		Loss Guarantee Amount	P21	64 -67	99999999.99	Round to nearest dollar and cents.		
		Determined Acreage Liability Adjustment Factor	P21	18		None		
			P21	39	9.999999	None		
When the Insurance Plan Code is 0	2, Revenue Protection:							
	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 ME Harvest Price has not been released for Revenue Protection, "02", the Contract Price can be used for validation of Revenue to Count.	
When the Insurance Plan Code is 03, Revenue Protection Harvest Price Exclusion:								
Revenue Conversion Production To Count	+ = Production to Count Quantity * Price Election Amount t	Revenue Conversion Production- To Count	P21	4 5	99999999.99	Round to nearest dollar and cents.		
		Production to Count Quantity	P21	34	99999999.99	None		
		Price Election Amount	P11	45	99999.9999	None		

Record Code: P21

Reinsurance Year: 2023 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion						
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts	
Commodity Code	0015 Canola	0041 Corn	0051 Grain Sorghum 0067 Dry Peas			0078 Sunflowers		
	0016 Oats	0043 Popcorn					0081 Soybeans	
	0018 Rice						0091 Barley	
		<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 12: Malting Barley Indemnity Calculation								
Unit Deficiency Quantity	= Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	63 66	S99999999.99	Round to nearest dollar and cents.		
Proliminary Indomnity Amount	= Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	66- 69	S9999999999	Round to whole number.		
Freiminary indemnity Amount		Insured Share Percent	P11	43	9.9999	None		
	t = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	67- 70	S9999999999	Round to whole number		
Indemnity Amount		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.		

Record Code: P21

Reinsurance Year: 2023 Version: Draft

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion						
	0011 Wheat	0021 Cotton	0047 Dry Beans				0075 Peanuts	
Commodity Code	0015 Canola	0041 Corn 0051 Grain Sorghum				ghum	0078 Sunflowers	
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans	
	0018 Rice					0091 Barley		
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
owned Rice Payment, option "	DC", for Revenue Protection, "02", and Revenue Protecti	on with Harvest Price Exclusion, "(03", Stage C	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	ent 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.	
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.	
ayable 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.	
	Payable Downed Rice Acreage * Harvest Expense t = Amount * Price Election Percent * Liability	Loss Guarantee Amount	P21	64 -67	99999999.99	Round to nearest dollar and cents.		
Loss Guarantee Amoun		Harvest Expense Amount	ADM				Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = 'DC'.	
Loss Guarantee Amou	•						I	
Loss Guarantee Amou	nt = Amount * Price Election Percent * Liability Adjustment Factor	Price Election Percent	P14	35	9.9999	None		

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

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2023 Version: Draft

Insurance Plan Code 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion									
insurance Fian Code	02 Nevenue Protection	OS NEVERIDE FOLECTION WITH HILLY COLL FILE EXCUSION							
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts		
Commodity Code	0015 Canola	0041 Corn 0051 Grain Sorghum				0078 Sunflowers			
	0016 Oats	0043 Popcorn			0067 Dry Peas		0081 Soybeans		
	0018 Rice						0091 Barley		
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>			
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	<u>Rules</u>		
Section 14: Downed Rice Payment Indemnity Calculation									
Indemnity Amount = Loss Guarantee Amount * Insured Share Percent		Indemnity Amount	P21	67- 70	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.		