Reinsurance Year: 2021 Version: Approved

Record Name: Acreage Claim Release Date: 9/23/2021 Record Code: P21 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0015 Canola 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Record Field Number Calculations Name Number **Format** Rounding Rules Section 1: Stage Guarantee Calculation When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Common Crop Insurance Policy 'production guarantee (per acre)'. When Unit of Measure Guarantee Per Acre1 Internal 99999999.99 equals Tons, "Tons", then Guarantee Per Acre1 should be rounded to Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Round to 2 decimals. whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types). Otherwise, Round to 1 decimal. Approved Yield P11 42 99999999.99 None P14 34 Coverage Level Percent 9.9999 None Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": Share Percent) will be obtained from Cotton Modified Yield Internal 99999999.99 Round to whole number. P11 record. Modified Yield = Approved Yield * Option Conversion Factor Approved Yield P11 42 99999999.99 None Option Conversion Factor ADM 9.9999 Edit with ADM Option Rate, "A01060". None Guarantee Per Acre1 = Modified Yield * Coverage Level Percent Guarantee Per Acre1 Internal 99999999.99 Round to whole number. Coverage Level Percent P14 34 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to When Unit of Measure Guarantee Per Acre2 Internal 99999999.99 whole pounds for Dry Beans, "0047" (all equals Tons, "Tons", then Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor types), and Dry Peas, "0067" (all types). Round to 2 decimals. Otherwise, Round to 1 decimal.

Guarantee Adjustment Factor

69

P11

0.999

None

Record Name: Acreage Claim
Record Code: P21

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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 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans

OUT THE	оочэ г орсотт			ooor bry reas		0091 Barley		
Calculations	<u>Field</u>	Record	Field	Field	<u>Field</u>	Bulan		
Revenue Protection, "02", Price Election Amount Calculation: Price Election Amount = greater of Projected Price (or Contract Price if applicable) or Harvest Price * Price Election Percent	Price Election Amount	Internal	Number	9999.999	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 neareat one hundredth cent (\$9.9999). When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078", or Cottonseed, "0021" (Option 'SE'); round to nearest one-tenth cent [\$9.999]. If result is based on Contract Price for specialty type Canola; round to nearest hundredth cent (\$9.9999). When Commodity Code equals Popcorn, "0043", Dry Beans, "0047", or Dry Peas, "0067" round to nearest one- hundredth cent [\$9.9999].			
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".		
	Contract Price	P11	46	9999.9999	None	Contract Price that was submitted on P11 (capped with Max Contract Price from ADM).		
	Harvest Price	Internal		99999.9999	None	Edit with ADM Price, "00810". If Contract Price was submitted on the P11 then Harvest Price will be adjusted by difference between Projected Price and Contract Price.		
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code "02".		

Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2021 Version: Approved Release Date: 9/23/2021

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 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans

0091 Barley								
Calculations	<u>Field</u>	Record	Field Number	<u>Field</u>	Field Rounding	Bules		
Revenue Protection with Harvest Price Exclusion, "03", Price Election Amount Calculation: Price Election Amount = Projected Price (or Contract Price if applicable) * Price Election Percent	Price Election Amount	Internal	Number	9999.999	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 neareat one hundredth cent (\$9.9999). When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078", or Cottonseed, "0021" (Option '\$E'); round to nearest one-tenth cent [\$9.999]. If result is based on Contract Price for specialty type Canola; round to neareat one hundredth cent (\$9.9999). When Commodity Code equals Popcorn, "0043", Dry Beans, "0047", or Dry Peas, "0067" round to nearest one- hundredth cent [\$9.9999].			
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".		
	Contract Price	P11	46	9999.9999	None	Contract Price that was submitted on P11 (capped with Max Contract Price from ADM).		
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code equals "03".		
Acre Stage Guarantee Amount = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.		

Reinsurance Year: 2021 Version: Approved

Record Name: Acreage Claim Release Date: 9/23/2021 Record Code: P21 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 0021 Cotton 0075 Peanuts 0011 Wheat 0047 Dry Beans 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0015 Canola 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Record Field Number Calculations Name Number **Format** Rounding Rules Section 2: Loss Guarantee Calculation Round to nearest dollar and Loss Guarantee Amount P21 60 99999999.99 cents. Guarantee Per Acre2 * Price Election Amount * Loss Guarantee Amount = Determined Acreage P21 18 99999999.99 None Determined Acreage * Liability Adjustment Factor P21 39 Liability Adjustment Factor 9.999999 None Revenue Conversion Production Round to nearest dollar and 9999999.99 P21 45 to Count cents. P21 Production to Count Quantity 34 99999999.99 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 Harvest Price ADM 99999.9999 None 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 Fundamente Production to Count Loss Guarantee Amount – Revenue Conversion Round to nearest dollar and Unit Deficiency Quantity P21 59 S99999999.99 Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent Preliminary Indemnity Amount P21 62 S9999999999 Round to whole number. Insured Share Percent 43 9.9999 None P11 P21 Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity 63 S999999999 Round to whole number. Indemnity Amount Adjustment Factor Multiple Commodity Adjustment ICE 9999.999 None Edit with ICE Multiple Cropping, "D00063". Factor Total Indemnity ∑ Indemnity Amount for the Unit Total Indemnity Internal S999999999 Round to whole number.

Reinsurance Year: 2021 Version: Approved

Record Name: Acreage Claim Release Date: 9/23/2021 Record Code: P21 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 0021 Cotton 0047 Dry Beans 0011 Wheat 0075 Peanuts 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Field Record Calculations Name Number Number Format Rounding Rules Section 4: Stage Guarantee Calculation Replant Payment for Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03" When Stage Code equals Replanted, "R", When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Common Crop Insurance Policy 'production guarantee (per acre)'. When Unit of Measure Guarantee Per Acre1 Internal 99999999.99 equals Tons, "Tons", then Guarantee Per Acre1 should be rounded to Round to 2 decimals. Guarantee Per Acre1 = Approved Yield * Coverage Level Percent whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types). Otherwise, Round to 1 decimal. Approved Yield P11 42 99999999.99 None Coverage Level Percent P14 34 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to When Unit of Measure Guarantee Per Acre2 Internal 99999999.99 whole pounds for Dry Beans, "0047" (all equals Tons, "Tons", then Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor types), and Dry Peas, "0067" (all types). Round to 2 decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 69 0.999 None

Reinsurance Year: 2021 Version: Approved

Edit with SPOI "D00129".

Record Name: Acreage Claim Release Date: 9/23/2021 Record Code: P21 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Record Field Number Calculations Name Number Format Rounding Rules Round to nearest dollar and Commodity Code not equal Dry Beans, "0047" or Peanuts, "0075": Acre Stage Guarantee Amount P21 99999999.99 Not used in determination of Loss Guarantee cents. Based on Projected Price or Contract Price if applicable. Price Election Amount P11 45 99999.999 None 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 ICE Edit with SPOI "D00129". Per Acre Lesser of: (20% of Guarantee Per Acre2 Result of '20% of Guarantee Per Acre2' will be Acre Stage Guarantee = OR When Unit of Measure used in 'Acre Stage Guarantee Amount' Amount Maximum Replant Guarantee Per Acre) * Price Election equals Pounds, "LBS", then calculation and 'Loss Guarantee Amount' Amount Round to whole Number. calculation. Value of '20% of Guarantee Per Acre2' should be rounded before compare to 'Maximum Replant Guarantee Per Acre'. When Unit of Measure 20% of Guarantee Per Acre2 Internal 99999999.99 equals Tons, "Tons", then If Unit of Measure = LBS Round to 2 decimals. Round(Guarantee Per Acre2 * 0.20, 0) If Unit of Measure = Tons Otherwise, Round to 1 Round(Guarantee Per Acre2 * 0.20, 2) decimal. Other Unit of Measures Round(Guarantee Per Acre2 * 0.20, 1) Commodity Code equal Peanuts, "0075": Acre Stage Guarantee = Maximum Replant Guarantee Per Acre

ICE

Maximum Replant Guarantee

Per Acre

Record Name: Acreage Claim

Reinsurance Year: 2021 Version: Approved Release Date: 9/23/2021

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 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Record Field Calculations Name Number Number Rounding Rules Format

	-						
Commodity Code equal Dr	ry Beans, "0047:	Acre Stage Guarantee Amount	P21	58	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	= 10% of Guarantee Per Acrez	10% of Guarantee Per Acre2	Internal		999999999999999999999999999999999999999	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.

Reinsurance Year: 2021 Version: Approved

Record Name: Acreage Claim Release Date: 9/23/2021 Record Code: P21 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0015 Canola 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Record Field Number Calculations Name Number **Format** Rounding Rules 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 60 9999999.99 Lesser of ((20% of Guarantee Per Acre2) or Maxiumum P21 18 99999999.99 Determined Acreage None Loss Guarantee Amount = Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor 39 Liability Adjustment Factor P21 9.999999 None Commodity Code equal Dry Beans, "0047: Round to nearest dollar and 99999999.99 Loss Guarantee Amount P21 60 cents. Lesser of (Insured's Actual Cost or Round(10% of Guarantee Per Acre2, 0) or Maximum Replant Loss Guarantee Amount = P21 Determined Acreage 18 99999999.99 None Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor Liability Adjustment Factor P21 39 9.999999 None Commodity Code equal Peanuts, "0075": Round to nearest dollar and P21 60 99999999.99 Loss Guarantee Amount P21 Loss Guarantee Amount = Maximum Replant Guarantee Per Acre * Determined Acreage 18 99999999.99 None Determined Acreage * Liability Adjustment Factor Liability Adjustment Factor P21 39 9.999999 None Section 6: Replant Payment Indemnity Calculation S999999999 Indemnity Amount P21 63 Round to whole number. Indemnity Amount = Loss Guarantee Amount * Insured Share Percent P11 Insured Share Percent 43 9.9999 None Total Indemnity ∑ Indemnity Amount for the Unit Total Indemnity Internal S999999999 Round to whole number.

Reinsurance Year: 2021 Version: Approved

Record Name: Acreage Claim Record Code: P21 Release Date: 9/23/2021 03 Revenue Protection with Harvest Price Exclusion 02 Revenue Protection Insurance Plan Code 0075 Peanuts 0011 Wheat 0021 Cotton 0047 Dry Beans 0041 Corn 0078 Sunflowers **Commodity Code** 0015 Canola 0051 Grain Sorghum 0018 Rice 0043 Popcorn 0081 Sovbeans 0067 Dry Peas 0091 Barley Field Field Record Field Field Calculations Name Number Number **Format** Rounding Rules Section 7: Stage Guarantee Calculation Prevented Planting Payment for Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03". When Stage Code equals: When Unit of Measure Prevented Planting Option 2, "P2", equals Pounds, "LBS", then Round to whole Number. Prevented Planting Add 10 Percent, "PT", Prevented Planting Add 5 Percent, "PF" When Unit of Measure Common Crop Insurance Policy 'production equals Tons, "Tons", then guarantee (per acre)'. Round to 2 decimals. Guarantee Per Acre1 Internal 99999999.99 Guarantee Per Acre1 should be rounded to Otherwise, Round to 1 whole pounds for Dry Beans, "0047" (all Guarantee Per Acre1 = Approved Yield * Coverage Level Percent decimal. types), and Dry Peas, "0067" (all types). Approved Yield P11 42 99999999.99 None Coverage Level Percent P14 34 9.9999 None Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": Modified Yield Internal 9999999.99 Round to whole number. Share Percent) will be obtained from Cotton P11 record. Modified Yield = Approved Yield * Option Conversion Factor Approved Yield P11 42 99999999.99 None Edit with ADM Option Rate, "A01060". Option Conversion Factor ADM 9.9999 None Guarantee Per Acre1 Internal 99999999.99 Round to whole number. Guarantee Per Acre1 = Modified Yield * Coverage Level Percent Coverage Level Percent P14 34 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to When Unit of Measure Guarantee Per Acre2 Internal 99999999.99 whole pounds for Dry Beans, "0047" (all equals Tons, "Tons", then types), and Dry Peas, "0067" (all types). Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor Round to 2 decimals. Otherwise, Round to 1 decimal. 69 0.999 Guarantee Adjustment Factor P11 None Common Crop Insurance Policy 'revenue Round to nearest dollar and 99999999.99 Acre Stage Guarantee Amount P21 58 protection guarantee (per acre)'. Not used in cents. determination of Loss Guarantee. Based on Projected Price or Contract Price if Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount applicable. Price Election Amount P11 45 99999.9999 White (Type Code 341) and Waxy (Type Code None 381) Specialty Type Corn will use the Projected Price for buyup. For CAT coverage, use the CAT price.

Reinsurance Year: 2021 Version: Approved

Record Name: Acreage Claim Record Code: P21 Release Date: 9/23/2021 03 Revenue Protection with Harvest Price Exclusion 02 Revenue Protection Insurance Plan Code 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0015 Canola 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Sovbeans 0091 Barley Field Field Field Record Field **Calculations** Name Number Number **Format** Rounding Rules Section 8: Prevented Planting Payment Loss Guarantee Calculation Round to nearest dollar and P21 60 9999999.99 Loss Guarantee Amount When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to When Unit of Measure Guarantee Per Acre2 Internal 99999999.99 whole pounds for Dry Beans, "0047" (all equals Tons, "Tons", then types), and Dry Peas, "0067" (all types). Round to 2 decimals. Guarantee Per Acre2 * Price Election Amount * Otherwise, Round to 1 Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor decimal. Based on Projected Price or Contract Price if applicable. Price Election Amount P11 45 99999.9999 White (Type Code 341) and Waxy (Type Code None 381) Specialty Type Corn will use the Projected Price for buyup. For CAT coverage, use the CAT price. P21 99999999.99 Determined Acreage 18 None Liability Adjustment Factor P21 39 9.999999 None Section 9: Prevented Planting Payment Indemnity Calculation Preliminary Indemnity = Loss Guarantee Amount * Insured Share Percent Preliminary Indemnity Amount P21 62 S999999999 Round to whole number. Insured Share Percent 43 9.9999 None P11 Indemnity Amount P21 63 S999999999 Round to whole number. Preliminary Indemnity Amount * Multiple Commodity Indemnity Amount = Adjustment Factor Multiple Commodity Adjustment ICE 9999.999 Edit with ICE Multiple Cropping, "D00063". None Factor Total Indemnity \(\sum \) Indemnity Amount for the Unit Total Indemnity Internal S999999999 Round to whole number. Section 10: Stage Guarantee Calculation Malting Barley Price and Quality Endorsement (ME) Round to nearest whole pounds, nearest hundreth for Common Crop Insurance Policy 'production Guarantee Per Acre1 Internal 999999999.9 tonage commodities, or guarantee (per acre)'. nearest tenths for other units Guarantee Per Acre1 = Approved Yield * Coverage Level Percent of measure. Approved Yield P11 42 99999999.99 None 34 Coverage Level Percent P14 9.9999 None

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Insurance Plan Code equals "02".

Record Name: Acreage Claim Release Date: 9/23/2021 Record Code: P21 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 0021 Cotton 0047 Dry Beans 0075 Peanuts 0011 Wheat 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Record Field Field Number Calculations Name Number Format Rounding Rules When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure Guarantee Per Acre2 Internal 99999999.99 equals Tons, "Tons", then Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor Round to 2 decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 69 0.999 None When the Insurance Plan Code is 02, Revenue Protection: ME Harvest Price Internal 9999.9999 Round to 4 decimals. The Contract Price (ME Projected Price) that was submitted on P11 (capped by the Max P11 Contract Price 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. Price Election Amount Internal 9999.9999 Round to 4 decimals. MAX(Contract Price, ME Harvest Price) * Price Election Price Election Amount = Price Election Percent would equal 1.00 when Price Election Percent ICE 9.9999 None

Reinsurance Year: 2021

Record Name: Acreage Claim Version: Approved Record Code: P21 Release Date: 9/23/2021 03 Revenue Protection with Harvest Price Exclusion 02 Revenue Protection Insurance Plan Code 0021 Cotton 0011 Wheat 0047 Dry Beans 0075 Peanuts 0041 Corn 0078 Sunflowers **Commodity Code** 0015 Canola 0051 Grain Sorghum 0018 Rice 0043 Popcorn 0081 Sovbeans 0067 Dry Peas 0091 Barley Field Field Record Field Field Calculations Name Number Number **Format** Rounding Rules 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 Contract Price P11 46 9999.9999 None Price Election Amount = Contract Price * Price Election Percent Contract Price from ADM) and used to calculate the premium. ICE Price Election Percent 9.9999 None Common Crop Insurance Policy 'revenue Round to nearest dollar and Acre Stage Guarantee Amount P21 58 99999999.99 protection guarantee (per acre)'. Not used in Acre Stage Guarantee
Guarantee Per Acre2 * Price Election Amount determination of Loss Guarantee. P11 Price Election Amount 45 99999.9999 None Section 11: Malting Barley Loss Guarantee Calculation Round to nearest dollar and Loss Guarantee Amount P21 60 99999999.99 Guarantee Per Acre2 * Price Election Amount * cents. Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor 999999999999 None Determined Acreage P21 18 P21 Liability Adjustment Factor 39 9.999999 None When the Insurance Plan Code is 02. Revenue Protection: Revenue Conversion Production Round to nearest dollar and P21 45 9999999.99 Cannot equal less than 0. To Count cents. Production to Count Quantity P21 34 99999999.99 None Revenue Conversion _ MAX(Production to Count Quantity * ME Harvest Production To Count Price,0) If the ME Harvest Price has not been released for Revenue Protection, "02", the Contract ME Harvest Price Internal 9999.9999 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 Round to nearest dollar and P21 45 99999999.99 To Count Revenue Conversion = Production to Count Quantity * Price Election Amount Production to Count Quantity P21 34 99999999.99 None Production To Count Price Election Amount 45 99999.9999 None

Exhibit Name: Indemnity Calculations

	Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim Record Code: P21			R	einsurance Year: Version: Release Date:				
Insurance Plan Code	e 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion								
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0047 Dry Beans 0041 Corn 0051 Grain Sorghum 0043 Popcorn 0067 Dry Peas			num	0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley			
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules		
Section 12: Malting Barley	Section 12: Malting Barley Indemnity Calculation								
Unit Deficiency Quantity	= Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	59	S99999999.99	Round to nearest dollar and cents.			
		Preliminary Indemnity Amount	P21	62	S9999999999	Round to whole number.			
Preliminary Indemnity Amount	= Unit Deficiency Quantity * Insured Share Percent	Insured Share Percent	P11	43	9.9999	None			
Indemnity Amount	t = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	63	\$999999999	Round to whole number			
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".		
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.			

Exhibit Name: Indemnity Calculations

Exhibit Number: P21-2, Plan 02 & 03 Reinsurance Year: 2021 Record Name: Acreage Claim Version: Approved Release Date: 9/23/2021 Record Code: P21 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 0047 Dry Beans 0011 Wheat 0021 Cotton 0075 Peanuts 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0015 Canola 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Sovbeans 0091 Barley Field Field Field Record Field Calculations Name Number Number **Format** Rounding Rules If Determined Acreage is <= Insured Acreage10 then no payment; if Determined Acreage is > Insured Acreage10 and < Insured Acreage50 then Downed Rice Payment, option "DC", for Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03", Stage Code = "DQ". payment with deductible; if Determined Acreage is => Insured Acreage50 then payment without deductible. Section 13: Downed Rice Payment Loss Guarantee Calculation Insured Acreage10 Internal 99999999.99 Round to 1 decimal. Insured Acreage10 = Reported Acreage * 10% Summed P11 DRE reported acreage for the Reported Acreage P11 48 9999999.99 None 99999999.99 Round to 1 decimal. Insured Acreage50 Internal Insured Acreage50 = Reported Acreage * 50% Summed P11 DRE reported acreage for the P11 48 9999999.99 Reported Acreage None P21 99999999.99 Determined Acreage = Harvested Downed Rice Acreage Determined Acreage 18 None Harvested Downed Rice Acreage for the unit With deductible: round(Determined Acreage - Insured Acreage10,1) * 1.25 Payable Downed Rice OR This will be the determined payable downed Payable Downed Rice Acreage Internal 9999999999 Round to 1 decimal. Acreage rice acres for the unit. Without deductible: Determined Acreage Round to nearest dollar and Loss Guarantee Amount P21 60 99999999.99 Edit with ADM Price, "A00810", Fixed ADM Harvest Expense Amount Coverage Amount with insurance option = Payable Downed Rice Acreage * Harvest Expense 'DC'. Loss Guarantee Amount = Amount * Price Election Percent * Liability Adjustment P14 35 Price Election Percent 9.9999 None Liability Adjustment Factor P21 39 9.999999 None Section 14: Downed Rice Payment Indemnity Calculation P21 S999999999 Round to whole number. ndemnity Amount 63 Indemnity Amount = Loss Guarantee Amount * Insured Share Percent Insured Share Percent P11 43 9.9999 None Only Downed Rice records, no base Rice Total Indemnity ∑ Indemnity Amount for the Unit Total Indemnity Internal S999999999 Round to whole number. records.