Exhibit Name: Indemnity Calculations

Reinsurance Year: 2017 Exhibit Number: P21-2, Plan 02 & 03 Version: Approved Record Name: Acreage Claim Record Code: P21 Release Date: 2/7/2019 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Record Field Field Calculations Name Number Number Format Rounding Rules Section 1: Stage Guarantee Calculation When Unit of Measure equals Pounds. "LBS", then Round to whole Number. Common Crop Insurance Policy 'production guarantee (per acre)'. When Unit of Measure equals 99999999.99 Guarantee Per Acre1 Internal Tons, "Tons", then Round to 2 Guarantee Per Acre1 should be rounded to Guarantee Per Acre1 = Approved Yield * Coverage Level Percent 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": Modified Yield Internal 99999999.99 Round to whole number. Share Percent) will be obtained from Cotton 42 Modified Yield = Approved Yield * Option Conversion Factor Approved Yield P11 99999999.99 None ADM 9.9999 Edit with ADM Option Rate, "A01060". Option Conversion Factor None Guarantee Per Acre1 = Modified Yield * Coverage Level Percent Guarantee Per Acre1 Internal 9999999.99 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 equals 99999999.99 whole pounds for Dry Beans, "0047" (all Guarantee Per Acre2 Internal Tons, "Tons", then Round to 2 Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor types), and Dry Peas, "0067" (all types). decimals. Otherwise, Round to 1 decimal.

P11

69

0.999

None

Guarantee Adjustment Factor

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

Record Code: P21

Reinsurance Year: 2017 Version: Approved Release Date: 2/7/2019

03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0051 Grain Sorghum 0078 Sunflowers 0041 Corn **Commodity Code** 0015 Canola 0018 Ric UU13 DO 0067 Dry Pa 0081 Sovheans

0018 Rice	0043 Popcorn	0067 Dry Peas 0081 Soybeans 0091 Barley				-
	Field	Record	Field	Field	Field	0091 Barrey
<u>Calculations</u>	<u>Name</u>	Number	Number	Format	Rounding	<u>Rules</u>
Price Election Amount = greater of Projected Price (or Contract Price if applicable) or Harvest Price * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99]. If result is based on Contract Price for specialty types Corn, Soybeans, or Barley, round to neareat one hundredth cent (\$9.999). When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078", or Cottonseed, "0021" (Option 'SE'); round to nearest one-tenth cent [\$9.999]. If result is based on Contract Price for specialty type Canola; round to nearest hundredth cent (\$9.9999). When Commodity Code equals Popcorn, "0043", Dry Beans, "0047", or Dry Peas, "0067" round to nearest one-hundredth cent [\$9.9999].	
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".
	Contract Price	P11	46	9999.9999	None	Contract Price that was submitted on P11 (capped with Max Contract Price from ADM).
	Harvest Price	Internal		99999.9999	None	Edit with ADM Price, "00810". If Contract Price was submitted on the P11 then Harvest Price will be adjusted by difference between Projected Price and Contract Price.
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code "02".

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

Record Code: P21

Reinsurance Year: 2017 Version: Approved Release Date: 2/7/2019

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

	0091 Barley							
<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> Format	<u>Field</u> Rounding	<u>Rules</u>		
Revenue Protection with Harvest Price Exclusion, "03", Price Election Amount Calculation: Price Election Amount = Projected Price (or Contract Price if applicable) * Price Election Percent	Price Election Amount	Internal		9999.999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain, Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [59.99]. 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 [\$9.999].			
	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 = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		999999999999999999999999999999999999999	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.		

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

Total Indemnity

Reinsurance Year: 2017 Version: Approved Record Code: P21 Release Date: 2/7/2019 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Record Field Field Calculations Name Number Number Format Rounding Rules Section 2: Loss Guarantee Calculation Round to nearest dollar and P21 Loss Guarantee Amount 60 9999999.99 cents Guarantee Per Acre2 * Price Election Amount * Loss Guarantee Amount = Determined Acreage P21 18 99999999.99 None Determined Acreage * Liability Adjustment Factor Liability Adjustment Factor P21 39 9.999999 None Revenue Conversion Production Round to nearest dollar and P21 45 99999999.99 to Count cents. Production to Count Quantity P21 34 99999999.99 Edit with ADM Price, "00810". If Contract Revenue Conversion = Production to Count Quantity * Harvest Price Price was submitted on the P11 then Harvest Production to Count 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 Loss Guarantee Amount – Revenue Conversion Round to nearest dollar and Unit Deficiency Quantity = Unit Deficiency Quantity P21 59 \$9999999.99 Production to Count cents. 59999999999 Preliminary Indemnity Amount P21 62 Round to whole number. Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent Amount Insured Share Percent 43 9.999 P11 Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity P21 Indemnity Amount 63 S999999999 Round to whole number. Adjustment Factor Multiple Commodity Adjustment ICE 9999.999 None Edit with ICE Multiple Cropping, "D00063". Factor

Internal

S999999999

Round to whole number.

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Total Indemnity \(\sum \) Indemnity Amount for the Unit

Exhibit Name: Indemnity Calculations Reinsurance Year: 2017 Exhibit Number: P21-2, Plan 02 & 03 Version: Approved Record Name: Acreage Claim Record Code: P21 Release Date: 2/7/2019 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0078 Sunflowers **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Record Field 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 When Unit of Measure equals guarantee (per acre)'. Guarantee Per Acre1 Internal 99999999.99 Tons, "Tons", then Round to 2 Guarantee Per Acre1 should be rounded to 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. P11 42 99999999.99 Approved Yield 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 equals 9999999.99 whole pounds for Dry Beans, "0047" (all Guarantee Per Acre2 Internal Tons, "Tons", then Round to 2 Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor types), and Dry Peas, "0067" (all types). decimals. Otherwise, Round to 1

P11

69

0.999

Guarantee Adjustment Factor

decimal.

None

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Reinsurance Year: 2017

	Record Name: Acreage Claim			Version: Approved					
Record Code: P21			Release Date: 2/7/2019						
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harves	st Price Exclu	ision					
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts		
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorgh 0067 Dry Peas	um	0078 Sunflowers		
	0018 Rice	0043 Popcorn	0081 Soybeans 0091 Barley						
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	,		
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules		
Commodity Code <u>not</u> equal	Dry Beans, "0047" or Peanuts, "0075":	Acre Stage Guarantee Amount	P21	58	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.		
		Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI "D00129".		
Amount	Lesser of: (20% of Guarantee Per Acre2 OR Maximum Replant Guarantee Per Acre) * Price Election Amount	20% of Guarantee Per Acre2	Internal		99999999.99	Pounds, "LBS", then Round to whole Number.	Result of '20% of Guarantee Per Acre2' will bused 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 Pea									
Acre Stage Guarantee Amount	- Maximum Replant Guarantee Per Acre	Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI "D00129".		
Commodity Code equal Dry	Beans, "0047:	Acre Stage Guarantee Amount	P21	55	999999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guaranted 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 a 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		9999999.99	Pounds, "LBS", Round to whole Number.	Result of '10% of Guarantee Per Acre2' will b 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	999999999999999999999999999999999999999		Insured's Actual Cost will be submitted in Al Acre Stage Guarantee field if lesser of converted to pounds per Dry Beans Loss Adjustment Handbook.		

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Reinsurance Year: 2017 Version: Approved Record Name: Acreage Claim Record Code: P21 Release Date: 2/7/2019 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 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 Record Field Field Calculations Name Number 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 99999999.99 Loss Guarantee Amount P21 60 cents. Lesser of ((20% of Guarantee Per Acre2) or Maxiumum Determined Acreage P21 18 9999999.99 None Loss Guarantee Amount = Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor Liability Adjustment Factor P21 39 9.999999 None Commodity Code equal Dry Beans, "0047: Round to nearest dollar and P21 99999999.99 Loss Guarantee Amount 60 cents. Lesser of (Insured's Actual Cost or Round(10% of Guarantee Per Acre2, 0) or Maximum Replant Loss Guarantee Amount = Guarantee Per Acre) * Price Election Amount * P21 18 Determined Acreage 99999999.99 None Determined Acreage * Liability Adjustment Factor 39 Liability Adjustment Factor P21 9.999999 None Commodity Code equal Peanuts, "0075": Round to nearest dollar and Loss Guarantee Amount P21 60 99999999.99 P21 18 Loss Guarantee Amount = Maximum Replant Guarantee Per Acre * Determined Acreage 99999999.99 None Determined Acreage * Liability Adjustment Factor Liability Adjustment Factor P21 39 9.999999 None Section 6: Replant Payment Indemnity Calculation Indemnity Amount P21 63 S999999999 Round to whole number. Indemnity Amount = Loss Guarantee Amount * Insured Share Percent Insured Share Percent P11 43 9.999 None Total Indemnity \(\sum \) Indemnity Amount for the Unit Total Indemnity Internal S999999999 Round to whole number.

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Reinsurance Year: 2017 Version: Approved

Record Name: Acreage Claim Record Code: P21 Release Date: 2/7/2019 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 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 Record Field 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 equals Prevented Planting Option 2, "P2", Pounds, "LBS", then Round to whole Number. Prevented Planting Add 10 Percent, "PT", Prevented Planting Add 5 Percent, "PF" When Unit of Measure equals Tons, "Tons", then Round to 2 Common Crop Insurance Policy 'production guarantee (per acre)'. 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). P11 Approved Yield 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. P11 42 9999999.99 Modified Yield = Approved Yield * Option Conversion Factor Approved Yield None Option Conversion Factor ADM 9.9999 None Edit with ADM Option Rate, "A01060". 99999999.99 Guarantee Per Acre1 Internal Round to whole number. Guarantee Per Acre1 = Modified Yield * Coverage Level Percent P14 34 Coverage Level Percent 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 equals Guarantee Per Acre2 Internal 9999999.99 whole pounds for Dry Beans, "0047" (all Tons, "Tons", then Round to 2 types), and Dry Peas, "0067" (all types). Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 69 0.999 None Common Crop Insurance Policy 'revenue Round to nearest dollar and Acre Stage Guarantee Amount P21 58 99999999.99 protection guarantee (per acre)'. Not used in Acre Stage Guarantee
Guarantee Per Acre2 * Price Election Amount determination of Loss Guarantee. Based on Projected Price or Contract Price if Price Election Amount P11 99999.9999 None applicable.

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Reinsurance Year: 2017 Version: Approved

Record Name: Acreage Claim Record Code: P21 Release Date: 2/7/2019 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 02 Revenue Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0078 Sunflowers 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Record Field Field Field Calculations Name Number Number Format Rounding Rules Section 8: Prevented Planting Payment Loss Guarantee Calculation Round to nearest dollar and P21 99999999.99 Loss Guarantee Amount 60 Guarantee Per Acre2 * Price Election Amount * Loss Guarantee Amount = Determined Acreage P21 18 9999999.99 None Determined Acreage * Liability Adjustment Factor 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 9.999 P11 Indemnity Amount P21 63 S999999999 Round to whole number. Preliminary Indemnity Amount * Multiple Commodity Indemnity Amount = Premium.,
Adjustment Factor Multiple Commodity Adjustment 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. 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 Coverage Level Percent P14 34 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Guarantee Per Acre2 Internal 99999999.99 Tons, "Tons", then Round to 2 Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 69 0.999 None

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Reinsurance Year: 2017 Version: Approved

Record Name: Acreage Claim Release Date: 2/7/2019 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 0015 Canola **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Field Field Record Field Calculations Name Number Number Format Rounding Rules When the Insurance Plan Code is 02, Revenue Protection:

	ME Harvest Price	Internal		9999.9999	Round to 4 decimals.	
ME Hanget Brice = Hanget Brice + (Contract Brice - Brainstad Brice)	Contract Price	P11	46	9999.9999		The Contract Price (ME Projected Price) that was submitted on P11 (capped by the Max Contract Price from ADM) and used to calculate the premium.
	Projected Price	ADM		99999.9999	None	The ADM published value with no additional calculations performed. Denoted in Price ADM as barley projected price with ME option.
	Harvest Price	ADM		99999.9999		The ADM published value with no additional calculations performed. Denoted in Price ADM as barley harvest price with ME option.
	Price Election Amount	Internal		9999.9999	Round to 4 decimals.	
Price Election Amount = MAX(Contract Price, ME Harvest Price) * Price Election Percent	Price Election Percent	Internal 9999,9999 Round to 4 decimals.	Price Election Percent would equal 1.00 when Insurance Plan Code equals "02".			
When the Insurance Plan Code is 03, Revenue Protection Harvest Price Exclusion:						
	Price Election Amount	Internal		9999.9999	Round to 4 decimals.	
Price Election Amount = Contract Price * Price Election Percent	Contract Price	P11	46	9999.9999	None	The Contract Price (ME Projected Price) that was submitted on P11 (capped with Max Contract Price from ADM) and used to calculate the premium.
	Price Election Percent	ICE		9.9999	None	
Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	P21	58	999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.
	Price Election Amount	P11	45	99999.9999	None	

1/31/2019 Page 10 of 12 Exhibit Name: Indemnity Calculations

	Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim Record Code: P21			Reinsurance Year: 2017 Version: Approved Release Date: 2/7/2019				
Insurance Plan Code Commodity Code	0011 Wheat 0021 Cotton 0047 Dry Beans					um	0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules	
Section 11: Malting Barley	Loss Guarantee Calculation							
	Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	60	99999999.99	Round to nearest dollar and cents.		
Loss Guarantee Amount =	Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	18	99999999.99	None		
		Liability Adjustment Factor	P21	39	9.999999	None		
When the Insurance Plan Co	ode is 02, Revenue Protection:							
Revenue Conversion	MAY/Production to Count Quantity * ME Harvest	Revenue Conversion Production To Count	P21	45	99999999.99	Round to nearest dollar and cents.	Cannot equal less than 0.	
Production To Count	MAX(Production to Count Quantity * ME Harvest Price,0)	Production to Count Quantity	P21	34	99999999.99	None		
		ME Harvest Price	Internal		9999.9999			
When the Insurance Plan Co	ode is 03, Revenue Protection Harvest Price Exclusion:							
		Revenue Conversion Production To Count	P21	45	99999999.99	Round to nearest dollar and cents.		
Revenue Conversion Production To Count	= Production to Count Quantity * Price Election Amount	Production to Count Quantity	P21	34	99999999.99	None		
		Price Election Amount	P11	46	99999.9999	None		
Section 12: Malting Barley	Indemnity Calculation			<u></u>				
Unit Deficiency Quantity	Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	59	\$9999999999999999	Round to nearest dollar and cents.		
Preliminary Indemnity	= Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	62	S9999999999	Round to whole number.		
Amount	- only bendency quantity insured share rescent	Insured Share Percent	P11	43	9.999	None		
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	63	5999999999	Round to whole number			
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".	
Total Indemnity	Σ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.		

1/31/2019 Page 11 of 12 Exhibit Name: Indemnity Calculations

	Record Name: Acreage Claim Ve						cce Year: 2017 Version: Approved se Date: 2/7/2019			
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Exclu	ision						
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn	um	0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley						
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> Format	<u>Field</u> Rounding	<u>Rules</u>			
Downed Rice Payment, op	ption "DC", for Revenue Protection, "02", and Revenue Pro	Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03", Stage Code = "DQ".								
Section 13: Downed Rice	Payment Loss Guarantee Calculation		<u> </u>							
Insured Acreage10	= Reported Acreage * 10%	Insured Acreage10	Internal		99999999.99	Round to 1 decimal.				
insured Acreage10	= Reported Acreage · 10%	Reported Acreage	P11	48	9999999.99	None Round to 1 decimal. None	Summed P11 DRE reported acreage for the unit.			
	Insured Acreage50	Internal		99999999.99	Round to 1 decimal.					
Insured Acreage50	= Reported Acreage * 50%	Reported Acreage	P11	48	9999999.99	None Round to 1 decimal. 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 un			
Payable Downed Rice Acreage	With deductible: round(Determined Acreage - Insured Acreage10,1) * 1.25 OR	Payable Downed Rice Acreage	Internal		99999999.99	Round to 1 decimal.	This will be the determined payable downer rice acres for the unit.			
	Without deductible: Determined Acreage					Round to nearest dollar and				
		Loss Guarantee Amount	P21	60	99999999.99	cents.				
Loss Guarantee Amount	Payable Downed Rice Acreage * Harvest Expense t = Amount * Price Election Percent * Liability Adjustment Factor	Harvest Expense Amount	ADM				Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = 'DC'.			
	Price Election Percent	P14	35	9.9999	None					
Section 14: Downed Biss	Payment Indemnity Calculation	Liability Adjustment Factor	P21	39	9.999999	None				
		Indemnity Amount	P21	63	S9999999999	Round to whole number.				
indemnity Amount	t = Loss Guarantee Amount * Insured Share Percent	Insured Share Percent	P11	43	9.999	None				
Total Indemnity	Σ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	Only Downed Rice records, no base Rice			

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