Exhibit Name: Indemnity Calculations

		:: P21-2, Plan 02 & 03 :: Acreage Claim :: P21		F	Reinsurance Year: Version: Release Date:	Approved	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Exclu	ısion			
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0047 Dry Beans 0041 Corn 0051 Grain Sorghum 0043 Popcorn 0067 Dry Peas				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> <u>Rounding</u>	Rules
Section 1: Stage Guarante	ee Calculation						
Guarantee 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)'.
			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 Cottol 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".
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		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.	

P11

Guarantee Adjustment Factor

72

0.999

None

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Record Code: P21

Reinsurance Year: 2016 Version: Approved Release Date: 12/6/2018

 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

Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorgh	num	0078 Sunflowers
	0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans
		1	1 .			1	0091 Barley
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
	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 Harve Price will be adjusted by difference betwee Projected Price and Contract Price.
		Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 wh Insurance Plan Code "02".

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Record Code: P21

Reinsurance Year: 2016 Version: Approved Release Date: 12/6/2018

02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion Insurance Plan Code 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 0001 Parlo

0091 Barley								
	<u>Field</u>	Record	Field	Field	<u>Field</u>			
Calculations Revenue Protection with Harvest Price Exclusion, "03", Price Election Amount Calculation: Price Election Amount = Projected Price (or Contract Price if applicable) * Price Election Percent	Name Price Election Amount	Internal	Number	<u>Format</u>	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 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].	Rules		
	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		999999999.99	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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Record Code: P21

Reinsurance Year: 2016 Version: Approved Release Date: 12/6/2018

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 0015 Canola **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 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	<u>Rules</u>			
Section 2: Loss Guarantee Calculation									
	Loss Guarantee Amount	P21	57	99999999.99	Round to nearest dollar and cents.				
Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	18	99999999.99	None				
	Liability Adjustment Factor	P21	39	9.999999	None				
	Revenue Conversion Production to Count	P21	45	99999999.99	Round to nearest dollar and cents.				
	Production to Count Quantity	P21	34	99999999.99					
Revenue Conversion = Production to Count Quantity * Harvest Price 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	56	S99999999.99	Round to nearest dollar and cents.				
Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	59	S999999999	Round to whole number.				
Amount = Unit Deficiency Quantity * Insured Share Percent	Insured Share Percent	P11	44	9.999	None				
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	60	S9999999999	Round to whole number.				
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.				

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Exhibit Name: Indemnity Calculations Reinsurance Year: 2016 Exhibit Number: P21-2, Plan 02 & 03 Version: Approved Record Name: Acreage Claim Record Code: P21 Release Date: 12/6/2018 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.

P11

69

0.999

Guarantee Adjustment Factor

Otherwise, Round to 1 decimal.

None

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Reinsurance Year: 2016 Version: Approved

Record Code: P21 Release Date: 12/6/2018 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 Round to nearest dollar and Commodity Code not equal Dry Beans, "0047" or Peanuts, "0075": Acre Stage Guarantee Amount P21 55 99999999.99 Not used in determination of Loss Guarantee cents. Based on Projected Price or Contract Price if Price Election Amount P11 45 99999.999 None applicable. Maximum Replant Guarantee Per Edit with SPOI "D00129". ICE Acre Result of '20% of Guarantee Per Acre2' will be When Unit of Measure equals used in 'Acre Stage Guarantee Amount' Lesser of: Pounds, "LBS", then Round to calculation and 'Loss Guarantee Amount' (20% of Guarantee Per Acre2 Acre Stage Guarantee whole Number. calculation. Value of '20% of Guarantee Per Amount Acre2' should be rounded before compare to Maximum Replant Guarantee Per Acre) * Price Election When Unit of Measure equals 'Maximum Replant Guarantee Per Acre'. Amount 20% of Guarantee Per Acre2 Internal 99999999.99 Tons, "Tons", then Round to 2 If Unit of Measure = LBS 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 ICE Edit with SPOI "D00129". Round to nearest dollar and Not used in determination of Loss Guarantee Commodity Code equal Dry Beans, "0047: Acre Stage Guarantee Amount P21 55 99999999.99 Price Election Amount P11 45 99999.9999 None Based on Projected Price. Edit with SPOI ICE "D00129". If lesser of Maximum Replant Guarantee Per ICE submit in AIP Acre Stage Guarantee field 36 as Acre pounds before price. Result of '10% of Guarantee Per Acre2' will be Lesser of: used in 'Acre Stage Guarantee Amount' calculation and 'Loss Guarantee Amount' (Insured's Actual Cost calculation. Value of '10% of Guarantee Per Pounds, "LBS", Round to Acre Stage Guarantee Acre2' should be rounded before compare to = 10% of Guarantee Per Acre2 10% of Guarantee Per Acre2 Internal 99999999.99 whole Number. Amount 'Maximum Replant Guarantee Per Acre'. If lesser of submit in AIP Acre Stage Guarantee Maximum Replant Guarantee Per Acre) 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 Insured's Actual Cost P21 36 99999999.99 converted to pounds per Dry Beans Loss Adjustment Handbook.

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

Reinsurance Year: 2016 Version: Approved Record Name: Acreage Claim Record Code: P21 Release Date: 12/6/2018 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 57 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 57 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 57 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 60 S999999999 Round to whole number. Indemnity Amount = Loss Guarantee Amount * Insured Share Percent Insured Share Percent P11 43 9.999 None Loss Guarantee Calculation \(\sum \) Indemnity Amount for the Unit Total Indemnity Internal S999999999 Round to whole number.

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

Exhibit Number: P21-2, Plan 02 & 03				Reinsurance Year: 2016					
	Record Name								
	Record Code: P21 Release Date: 12/6/2018								
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Exclu	usion					
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts		
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorgh	num	0078 Sunflowers		
	0018 Rice 0043 Popcorn 0067 Dry Peas						0081 Soybeans 0091 Barley		
		Field	Record	Field	Field	Field	OOST BUNCY		
	Calculations	Name	Number	Number	Format	Rounding	<u>Rules</u>		
Section 7: Stage Guarante	ee Calculation		•	•	•				
Prevented Planting Payme	ent 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	Common Crop Insurance Policy 'production		
						Tons, "Tons", then Round to 2 decimals.	guarantee (per acre)'.		
		Guarantee Per Acre1			99999999.99	decimais.	Secretary (her care)		
		Guarantee Per Acre1	Internal		99999999.99	Otherwise, Round to 1	Guarantee Per Acre1 should be rounded to		
Guarantee Per Acre1	= Approved Yield * Coverage Level Percent					decimal.	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			
							Information (Approved Yield and Insured		
Cottonseed Endorsement	Option "SE":	Modified Yield	Internal		99999999.99	Round to whole number.	Share Percent) will be obtained from Cottor		
							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".		
		Option Conversion Factor	ADIVI		9.9999	None	Edit With ADM Option Rate, A01000 .		
Constant Des Asset	= Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Round to whole number.			
Guarantee Per Acre1	= ivioumed field * Coverage Level Percent	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 should be rounded to		
		Guarantee Per Acre2	Internal		99999999.99	Tons, "Tons", then Round to 2	whole pounds for Dry Beans, "0047" (all		
Guarantee Per Acre2	= Guarantee per Acre1 * Guarantee Adjustment Factor					decimals.	types), and Dry Peas, "0067" (all types).		
						Otherwise, Round to 1			
						decimal.			
		Guarantee Adjustment Factor	P11	69	0.999	None			
							Common Crop Insurance Policy 'revenue		
		Acre Stage Guarantee Amount	P21	55	999999999.99	Round to nearest dollar and	protection guarantee (per acre)'. Not used		
Acre Stage Guarantee	= Guarantee Per Acre2 * Price Election Amount					cents.	determination of Loss Guarantee.		
Amount	The Election Amount	Daine Floreties A	D44	45	00000 0000	Name	Based on Projected Price or Contract Price it		
		Price Election Amount	P11	45	99999.9999	None	applicable.		

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Reinsurance Year: 2016 Version: Approved

Record Code: P21 Release Date: 12/6/2018 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 57 Loss Guarantee Amount P21 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 9.999999 Liability Adjustment Factor None Section 9: Prevented Planting Payment Indemnity Calculation Preliminary Indemnity = Loss Guarantee Amount * Insured Share Percent Preliminary Indemnity Amount P21 59 S9999999999 Round to whole number. Insured Share Percent P11 43 9.999 None ndemnity Amount P21 60 S999999999 Round to whole number. Preliminary Indemnity Amount * Multiple Commodity 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. 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 P14 34 9.9999 Coverage Level Percent None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Guarantee Per Acre2 9999999.99 Internal Tons, "Tons", then Round to 2 Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor decimals. Otherwise, Round to 1 decimal. P11 69 0.999 Guarantee Adjustment Factor None

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Reinsurance Year: 2016 Version: Approved

Record Code: P21 Release Date: 12/6/2018 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 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 46 9999.9999 Contract Price None Contract Price from ADM) and used to calculate the premium. ME Harvest Price = Harvest Price + (Contract Price - Projected Price) The ADM published value with no additional ADM 99999.9999 None calculations performed. Denoted in Price ADM Projected Price as barley projected price with ME option. The ADM published value with no additional ADM 99999.9999 calculations performed. Denoted in Price ADM Harvest Price None as barley harvest price with ME option. 9999.9999 Round to 4 decimals. Price Election Amount Internal MAX(Contract Price, ME Harvest Price) * Price Election Price Election Amount = Percent Price Election Percent would equal 1.00 when Price Election Percent ICE 9.9999 None 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 Price Election Amount = Contract Price * Price Election Percent Contract Price P11 46 9999.9999 None 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 in Acre Stage Guarantee Amount 55 Acre Stage Guarantee
Guarantee Per Acre2 * Price Election Amount Cents determination of Loss Guarantee. P11 45 None Price Election Amount 99999.9999 Section 11: Malting Barley Loss Guarantee Calculation Round to nearest dollar and P21 57 99999999.99 Loss Guarantee Amount Guarantee Per Acre2 * Price Election Amount * cents. Loss Guarantee 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 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. Revenue Conversion MAX(Production to Count Quantity * ME Harvest Production To Count Price,0) 34 Production to Count Quantity P21 9999999.99 None ME Harvest Price Internal 9999.9999

Exhibit Name: Indemnity Calculations

		: Indemnity Calculations					
		: P21-2, Plan 02 & 03		F	Reinsurance Year:		
	Record Name	Version: Approved					
	Record Code	: P21			Release Date:	12/6/2018	
		02.0					
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	st Price Excli	ision			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorgh	num	0078 Sunflowers
	0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans
					•		0091 Barley
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	
	<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
When the Insurance Plan	Code is 03, Revenue Protection Harvest Price Exclusion:						
Revenue Conversion = Production to Count Quantity * Price Election Amount Production To Count		Revenue Conversion Production To Count	P21	45	99999999.99	Round to nearest dollar and cents.	
		Production to Count Quantity	P21	34	99999999.99	None	
		Price Election Amount	P11	46	99999.9999	None	
ection 12: Malting Barle	y Indemnity Calculation						
Unit Deficiency Quantity	= Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	56	S99999999.99	Round to nearest dollar and cents.	
Preliminary Indemnity	/ = Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	59	S999999999	Round to whole number.	
Amount	t some sendency quantity insured share referred	Insured Share Percent	P11	43	9.999	None	
Indemnity Amount	t = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	60	\$999999999	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.	

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	Exhibit Number:	Indemnity Calculations P21-2, Plan 02 & 03 Acreage Claim P21		F	Reinsurance Year: Version: Release Date:	Approved	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	st Price Exclu	sion			
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0047 Dry Beans 0041 Corn 0051 Grain Sorghum 0043 Popcorn 0067 Dry Peas					0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Downed Rice Payment, op	ption "DC", for Revenue Protection, "02", and Revenue Pro	otection with Harvest Price Exclusi	on, "03", Sta	ge Code = "I	OQ".		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	Payment Loss Guarantee Calculation		1				
I	Day a stant A * 400/	Insured Acreage10	Internal		99999999.99	Round to 1 decimal.	
Insured Acreage10	= Reported Acreage * 10%	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 30%	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 downed rice acres for the unit.
		Loss Guarantee Amount	P21	57	99999999.99	Round to nearest dollar and	
Loss Guarantee Amount	Payable Downed Rice Acreage * Harvest Expense t = Amount * Price Election Percent * Liability Adjustment Factor	Harvest Expense Amount	ADM			cents.	Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = 'DC'.
		Price Election Percent	P14 P21	35 39	9.9999 9.999999	None	
Section 14: Downed Rice	Payment Indemnity Calculation	Liability Adjustment Factor	l LSI	39	בבבבב.ב	None	<u> </u>
	t = Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	60	\$999999999	Round to whole number.	
macrimicy randum	- 111 Idea of the Country of the Cou	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 records.
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