Exhibit Name: Indemnity Calculations Exhibit Number: P21-1, Plan 01

Reinsurance Year: 2011 Version: Approved

Record Name: Acreage Claim Record Code: P21 Release Date: 8/11/2015 01 Yield Protection **Insurance Plan Code** 0018 Rice 0041 Corn 0011 Wheat 0078 SunFlowers 0051 Grain Sorghum Commodity Code 0015 Canola 0021 Cotton 0081 Soybeans 0091 Barley Field Record Field Field Field Calculations Number Number **Format** Rounding Rules Section 1: Stage Guarantee Calculation When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Common Crop Insurance Policy 'production Guarantee Per Acre1 Internal 99999999.99 Tons, "Tons", then Round to 2 guarantee (per acre)'. Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Otherwise, Round to 1 decimal. Approved Yield P11 46 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 Cotton P11 record. Modified Yield = Approved Yield * Option Conversion Factor Approved Yield P11 46 99999999.99 None 9.9999 Edit with ADM Option Rate, "A01060". Option Conversion Factor ADM None Guarantee Per Acre1 Internal 99999999.99 Round to whole number. Guarantee Per Acre1 = Modified Yield * Coverage Level Percent 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 = Guarantee Per Acre1 *
Guarantee Adjustment Factor Guarantee Per Acre2 Internal 99999999.99 Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 41 0.999 None Round to nearest dollar and Not used in determination of Loss Guarantee 47 Acre Stage Guarantee Amount Internal 99999999.99 Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount cents. Common Crop Insurance Policy 'yield P11 49 Price Election Amount 9999,9999 protecton guarantee (per acre)'. Section 2: Loss Guarantee Calculation

Round to nearest dollar and P21 Loss Guarantee Amount 46 99999999.99 Guarantee Per Acre2 * Price Election Amount * Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor Determined Acreage P21 17 99999999.99 None

P21

38

9.999999

None

Liability Adjustment Factor

8/7/2015 Page 1 of 8 Exhibit Name: Indemnity Calculations

Exhibit Number: P21-1, Plan 01							
Record Name: Acreage Claim			Version: Approved				
	Record Code: P21 Release Date: 8/11/2015						
Insurance Plan Code		01 Yield Protection					
0	011 Wheat	0018 Rice		0078 SunFlowers			
Commodity Code	015 Canola	0021 Cotton 0051 Grain 5				um	0081 Soybeans
		r:-Id	Danamal	r:-I-I	r:-Id	0091 Barley Field	
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	Rounding	Rules
Section 3: Indemnity Calculati		<u></u>	110111001	110111001	1011114		nuics
Section 5. Indemnity Calculati	= Production to Count Quantity * Price Election Amount	Revenue Conversion Production to Count	P21	49	99999999.99	Round to nearest dollar and	
Revenue Conversion						cents.	
Production to Count = P		Production to Count Quantity	P21	34	99999999.99	None	
		Price Election Amount	P11	49	9999.9999		
	oss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	45	\$99999999.99	Round to nearest dollar and cents.	
Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent Amount	Init Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	49	S9999999999	Round to whole number.	
Amount		Insured Share Percent	P11	47	9.999	None	
Р	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	50	S999999999	Round to whole number.	
Indemnity Amount = Adjustment Factor		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
	Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.	
Replant Payment for Yield Pro	· ·						
Section 4: Replant Payment St	-						
When Stage Code equals R	teplanted, "R",						
Guarantee Per Acre1 = A	approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal.	Common Crop Insurance Policy 'production
		Approved Yield	P11	46	99999999.99	None	
		Coverage Level Percent	P14	34	9.9999	None	

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Exhibit Name: Indemnity Calculations Exhibit Number: P21-1, Plan 01 Reinsurance Year: 2011 Version: Approved Record Name: Acreage Claim Release Date: 8/11/2015 Record Code: P21 Insurance Plan Code 01 Yield Protection 0011 Wheat 0018 Rice 0041 Corn 0078 SunFlowers 0051 Grain Sorghum Commodity Code 0015 Canola 0021 Cotton 0081 Soybeans 0091 Barley Field Record Field Field Field Calculations Name Number Number **Format** Rounding Rules When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure equals Guarantee Per Acre2 Internal 99999999.99 Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1

P11

75

0.999

Guarantee Adjustment Factor

decimal.

None

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Exhibit Name: Indemnity Calculations Exhibit Number: P21-1, Plan 01

Reinsurance Year: 2011 Version: Approved

Record Name: Acreage Claim Record Code: P21 Release Date: 8/11/2015 01 Yield Protection **Insurance Plan Code** 0018 Rice 0041 Corn 0011 Wheat 0078 SunFlowers 0051 Grain Sorghum Commodity Code 0015 Canola 0021 Cotton 0081 Soybeans 0091 Barley Field Record Field Field Field Calculations Name Number **Format** Rounding Rules Round to nearest dollar and Not used in determination of Loss Guarantee 47 99999999.99 Acre Stage Guarantee Amount Internal cents Price Election Amount P11 49 99999.9999 None Maximum Replant Guarantee Per ICE Edit with SPOI ICE "D00201129". Acre Result of '20% of Guarantee Per Acre2' will be Lesser of: When Unit of Measure equals used in 'Acre Stage Guarantee Amount' (20% of Guarantee Per Acre2) Pounds, "LBS", then Round to calculation and 'Loss Guarantee Amount' Acre Stage Guarantee whole Number. calculation. Value of '20% of Guarantee Per (Maximum Replant Guarantee Per Acre) * Price Election Acre2' should be rounded before compare to Amount When Unit of Measure equals 'Maximum Replant Guarantee Per Acre'. 99999999.99 20% of Guarantee Per Acre2 Internal 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) Section 5: Replant Payment Loss Guarantee Calculation Round to nearest dollar and Lesser of ((20% of Guarantee Per Acre2) or Maximum Loss Guarantee Amount P21 46 99999999.99 cents. Loss Guarantee Amount = Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage P21 17 99999999.99 None Determined Acreage * Liability Adjustment Factor Liability Adjustment Factor P21 38 9.999999 None Section 6: Replant Payment Indemnity Calculation Indemnity Amount P21 S9999999999 Round to whole number. 51 Indemnity Amount = Loss Guarantee Amount * Insured Share Percent Insured Share Percent P11 48 9.999 Total Indemnity ∑ Indemnity Amount for the Unit Total Indemnity Internal S999999999 Round to whole number.

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Record Code: P21

Reinsurance Year: 2011 Version: Approved Release Date: 8/11/2015

 Insurance Plan Code
 011 Wheat
 0018 Rice
 0041 Corn
 0078 SunFlowers

 Commodity Code
 0015 Canola
 0021 Cotton
 0051 Grain Sorghum
 0081 Soybeans

 William Code
 Field
 Field
 Field
 Field
 Field

	0091 Barley							
	<u>Field</u>	Record	Field	Field	<u>Field</u>			
<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>		
revented Planting Payment for Yield Protection, "01".								
ection 7: Prevented Planting Payment Stage Guarantee Calculation								
/hen Stage Code equals:								
Prevented Planting Option 2, "P2", Prevented Planting Add 10 Percent, "PT", Prevented Planting Add 5 Percent, "PF"								
Guarantee Per Acre1 = 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.	Common Crop Insurance Policy 'production		
					Otherwise, Round to 1 decimal.			
	Approved Yield	P11	46	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 Cotto P11 record.		
Modified Yield = Approved Yield * Option Conversion Factor	Approved Yield	P11	46	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.			
Guarantee Per Acre1 = Modified Field * Coverage Level Percent	Coverage Level Percent	P14	34	9.9999	None			
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal	101	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	75	0.999	None			

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Reinsurance Year: 2011

Version: Approved

Release Date: 8/11/2015

Record Code: P21 Release Date: 8/11/2015 01 Yield Protection **Insurance Plan Code** 0018 Rice 0041 Corn 0011 Wheat 0078 SunFlowers 0051 Grain Sorghum Commodity Code 0015 Canola 0021 Cotton 0081 Soybeans 0091 Barley Field Record Field Field Field Calculations Name Number Number **Format** Rounding Rules Common Crop Insurance Policy 'yield Round to nearest dollar and Acre Stage Guarantee

= Guarantee Per Acre2 * Price Election Amount Acre Stage Guarantee Amount Internal 47 99999999.99 protecton guarantee (per acre)'. Not used in cents. determination of Loss Guarantee Amount. P11 49 99999.9999 Price Election Amount None Section 8: Prevented Planting Payment Loss Guarantee Calculation Round to nearest dollar and P21 46 99999999.99 Loss Guarantee Amount Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount *
Determined Acreage * Liability Adjustment Factor cents. Determined Acreage P21 17 99999999.99 None Liability Adjustment Factor P21 38 9.999999 None Section 9: Prevented Planting Payment Indemnity Calculation Preliminary Indemnity = Loss Guarantee Amount * Insured Share Percent Preliminary Indemnity Amount P21 49 S999999999 Round to whole number. Insured Share Percent P11 47 9.999 None Indemnity Amount P21 50 S999999999 Round to whole number. Indemnity Amount = Premium, Adjustment Factor Preliminary Indemnity Amount * Multiple Commodity Multiple Commodity Adjustment ICE 9999,999 Edit with ICE Multiple Cropping, "D00063". None Factor Total Indemnity ∑ Indemnity Amount for the Unit Total Indemnity Internal S999999999 Round to whole number. Malting Barley Price and Quality Endorsement (Options MA and MB) Section 10: Malting Barley Stage Guarantee Calculation Internal 999999999.9 Round to 1 decimal. Guarantee Per Acre1 Common Crop Insurance Policy 'producter Guarantee Per Acre1 = Approved Yield * Coverage Level Percent P11 Approved Yield 46 99999999.99 None guarantee (per acre). Coverage Level Percent P14 34 9.9999 None 99999999.99 Guarantee Per Acre2 Internal 101 Round to 1 decimal. Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor Guarantee Adjustment Factor P11 75 0.999 None

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Record Code: P21

Reinsurance Year: 2011 Version: Approved Release Date: 8/11/2015

 Insurance Plan Code
 01 Yield Protection

 Commodity Code
 0011 Wheat
 0018 Rice
 0041 Corn
 0078 SunFlowers

 Commodity Code
 0015 Canola
 0021 Cotton
 0051 Grain Sorghum
 0081 Soybeans

 O091 Barley

<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	Field Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules	
Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		999999999.99	Round to dollar and Cents	Common Crop Insurance Policy 'yield protecton guarantee (per acre)'. Not used in determination of Loss Guarantee.	
	Price Election Amount	P11	49	99999.9999	None		
Section 11: Malting Barley Loss Guarantee Calculation							
Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	46	99999999.99	Round to nearest dollar and cents.		
Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None		
	Liability Adjustment Factor	P21	38	9.999999	None		

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Record Code: P21

Reinsurance Year: 2011 Version: Approved Release Date: 8/11/2015

 Insurance Plan Code
 01 Yield Protection

 Commodity Code
 0011 Wheat
 0018 Rice
 0041 Corn
 0078 SunFlowers

 Commodity Code
 0015 Canola
 0021 Cotton
 0051 Grain Sorghum
 0081 Soybeans

 0091 Barley

	0031 Barrey							
	<u>Field</u>	Record	Field	<u>Field</u>	Field			
<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>		
Section 12: Malting Barley Indemnity Calculation								
	Revenue Conversion Production	P21 4	43	99999999.99	Round to nearest dollar and			
Revenue Conversion = Production to Count Quantity * Price Election Amount	To Count				cents.			
Production To Count Production to Count Quantity Price Election Amount	Production to Count Quantity	P21	34	99999999.99	None			
	Price Election Amount	P11	49	99999.9999	None			
Loss Guarantee Amount – Revenue Conversion	Unit Deficiency Quantity	P21	45	\$99999999.99	Round to nearest dollar and			
Unit Deficiency Quantity = Production to Count					cents.			
Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	49	S999999999	Round to whole number.			
Amount Amount								
	Insured Share Percent	P11	47	9.999	None			
Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	50	S999999999	Round to whole number			
Indemnity Amount = Adjustment Factor	Multiple Commodity Adjustment ICE Factor	ICE		9999,999	Nana	Edit with ICE Multiple Commiss D000C3		
Aujustinent Factor			2223.333	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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