Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim

Record Code: P21 Release Date: 10/6/2015

Reinsurance Year: 2012

Version: Approved

Insurance Plan Code 01 Yield Protection 0041 Corn 0011 Wheat 0018 Rice 0078 SunFlowers **Commodity Code** 0015 Canola 0021 Cotton 0043 Popcorn 0081 Soybeans 0051 Grain Sorghum 0091 Barley Field Record Field Field Field Calculations <u>Name</u> 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 Internal 99999999.99 When Unit of Measure equals Guarantee Per Acre1 guarantee (per acre)'. Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal Approved Yield 99999999.99 P11 46 None Coverage Level Percent P14 34 9.9999 None Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": Modified Yield Share Percent) will be obtained from Cotton Internal 9999999.99 Round to whole number. P11 record. Modified Yield = Approved Yield * Option Conversion Factor Approved Yield P11 46 9999999.99 None Option Conversion Factor ADM 9.9999 Edit with ADM Option Rate, "A01060". None Guarantee Per Acre1 = Modified Yield * Coverage Level Percent 99999999.99 Round to whole number. Guarantee Per Acre1 Internal Coverage Level Percent P14 34 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 = Guarantee Per Acre1 *
Guarantee Adjustment Factor Guarantee Per Acre2 Internal 99999999.99 When Unit of Measure equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal Guarantee Adjustment Factor 0.999 P11 41 Round to nearest dollar and Not used in determination of Loss Guarantee 99999999.99 Acre Stage Guarantee Amount Internal Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount cents. Amount Amount Common Crop Insurance Policy 'yield Price Election Amount P11 49 9999.9999 protecton guarantee (per acre)'. Section 2: Loss Guarantee Calculation Round to nearest dollar and Loss Guarantee Amount P21 46 99999999.99 Loss Guarantee Amount = Guarantee remarks | Determined Acreage * Liability Adjustment Factor Guarantee Per Acre2 * Price Election Amount * cents. Determined Acreage P21 17 9999999.99 None Liability Adjustment Factor P21 38 9.999999 None

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Exhibit Number: P21-1, Plan 01
Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2012 Version: Approved Release Date: 10/6/2015

Record Code	P21 Release Date: 10/6/2015						
Insurance Plan Code	01 Yield Protection						
0011 Wheat	0018 Rice			0041 Corn		0078 SunFlowers	
Commodity Code 0015 Canola	0021 Cotton			0043 Popcorn		0081 Soybeans	
	0051 Grain Sorghum					0091 Barley	
	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>		
<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>	
Section 3: Indemnity Calculation							
Revenue Conversion = Production to Count Quantity * Price Election Amount	Revenue Conversion Production to Count	P21	49	99999999.99	Round to nearest dollar and 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	9999.9999			
Unit Deficiency Quantity = Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	45	S99999999.99	Round to nearest dollar and cents.		
Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	49	S999999999	Round to whole number.		
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 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.		
Replant Payment for Yield Protection, "01"							
Section 4: Replant Payment Stage Guarantee Calculation							
When Stage Code equals Replanted, "R", Guarantee Per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	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)'.	
	Approved Yield	P11	46	99999999.99	None		
	Coverage Level Percent	P14	34	9.9999	None		

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Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2012 Version: Approved

Release Date: 10/6/2015 **Insurance Plan Code** 01 Yield Protection 0041 Corn 0011 Wheat 0018 Rice 0078 SunFlowers 0043 Popcorn **Commodity Code** 0015 Canola 0021 Cotton 0081 Soybeans 0051 Grain Sorghum 0091 Barley Field Record Field Field Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 99999999.99 Internal When Unit of Measure equals Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal 75 0.999 Guarantee Adjustment Factor P11 None Round to nearest dollar and Not used in determination of Loss Guarantee 999999999.99 Acre Stage Guarantee Amount Internal cents. Amount Price Election Amount P11 49 99999,9999 None Maximum Replant Guarantee Per ICE Edit with SPOI ICE "D00129". Acre Result of '20% of Guarantee Per Acre2' will be used in 'Acre Stage Guarantee Amount' Lesser of: When Unit of Measure equals calculation and 'Loss Guarantee Amount' Acre Stage Guarantee (20% of Guarantee Per Acre2 Pounds, "LBS", then Round to calculation. Value of '20% of Guarantee Per Amount OR Maximum Replant Guarantee Per Acre) * Price whole Number. Acre2' should be rounded before compare to **Election Amount** 'Maximum Replant Guarantee Per Acre'. 20% of Guarantee Per Acre2 When Unit of Measure equals Internal 99999999.99 If Unit of Measure = LBS Tons, "Tons", then Round to 2 Round(Guarantee Per Acre2 * 0.20, 0) decimals. If Unit of Measure = Tons Round(Guarantee Per Acre2 * 0.20, 2) Otherwise, Round to 1 decima Other Unit of Measures Round(Guarantee Per Acre2 * 0.20, 1) Section 5: Replant Payment Loss Guarantee Calculation Round to nearest dollar and P21 99999999.99 Lesser of ((20% of Guarantee Per Acre2) or Maximum Loss Guarantee Amount 46 cents. Loss Guarantee Amount = Replant Guarantee Per Acre) * Price Election Amount * P21 17 9999999.99 **Determined Acreage** None Determined Acreage * Liability Adjustment Factor Liability Adjustment Factor P21 38 9.999999 None

P21

P11

Internal

51

48

S999999999

9.999

S999999999

Round to whole number.

Round to whole number.

None

Indemnity Amount

Total Indemnity

nsured Share Percent

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Section 6: Replant Payment Indemnity Calculation

Indemnity Amount = Loss Guarantee Amount * Insured Share Percent

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

Exhibit Number: P21-1, Plan 01 **Record Name:** Acreage Claim

Version: Approved Release Date: 10/6/2015

Reinsurance Year: 2012

Record Code: P21

Insurance Plan Code		01 Yield Protection						
	0011 Wheat	0018 Rice			0041 Corn		0078 SunFlowers	
Commodity Code	0015 Canola	0021 Cotton			0043 Popcorn		0081 Soybeans	
		0051 Grain Sorghum						
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>		
	<u>Calculations</u>	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>	
Prevented Planting Payme	ent for Yield Protection, "01".							
Section 7: Prevented Plan	ting Payment Stage Guarantee Calculation							
When Stage Code equals:								
	Prevented Planting Option 2, "P2",							
	Prevented Planting Add 10 Percent, "PT", Prevented Planting Add 5 Percent, "PF"							
						When Unit of Measure equals Pounds, "LBS", then Round to whole Number.		
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Tons, "Tons", then Round to 2 decimals.	Common Crop Insurance Policy 'production guarantee (per acre)'.		
					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 Cotton 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.		
		Coverage Level Percent	P14	34	9.9999	None		
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor					When Unit of Measure equals Pounds, "LBS", then Round to whole Number.			
	Guarantee Per Acre2	Internal		99999999.99	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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Exhibit Number: P21-1, Plan 01 **Record Name:** Acreage Claim

Record Code: P21

Reinsurance Year: 2012 Version: Approved Release Date: 10/6/2015

Insurance Plan Code		01 Yield Protection					
	0011 Wheat	0018 Rice			0041 Corn		0078 SunFlowers
Commodity Code	0015 Canola	0021 Cotton			0041 Com		0081 Soybeans
commounty code	0013 Cariola	0021 COtton			0051 Grain Sorgl	num	0091 Barley
		Field	Record	Field	Field	Field	0091 Barrey
	Calculations	<u>Name</u>	Number	Number	Format	Rounding	Rules
	Calculations	<u>ivaille</u>	INUITIDEL	Number	Format	Rounding	Rules
Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount	= Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'yield protecton guarantee (per acre)'. Not used in determination of Loss Guarantee Amount.
		Price Election Amount	P11	49	99999.9999	None	
ection 8: Prevented Planti	ng Payment Loss Guarantee Calculation						
Guarantee Per Acre2 * Price Election Amount *	Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	46	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount =	Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	17	99999999.99	None	
		Liability Adjustment Factor	P21	38	9.999999	None	
ection 9: Prevented Planti	ng Payment Indemnity Calculation						
	,						
Preliminary Indemnity Amount	Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	49	S9999999999	Round to whole number.	
		Insured Share Percent	P11	47	9.999	None	
	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	50	S9999999999	Round to whole number.	
Indemnity Amount =	Preliminary Indemnity Amount * Multiple Commodity 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		\$999999999	Round to whole number.	
Malting Barley Price and Qu	ality Endorsement (Options MA and MB)						
ection 10: Malting Barley	Stage Guarantee Calculation						
		Guarantee Per Acre1	Internal		999999999.9	Round to 1 decimal.	
Guarantee Per Acre1 =	= Approved Yield * Coverage Level Percent	Approved Yield	P11	46	99999999999999999	None	Common Crop Insurance Policy
	Coverage Level Percent	P14	34	9.9999	None		
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment	Comments and Asset & Comment Asset Asset Asset	Guarantee Per Acre2	Internal		99999999.99	Round to 1 decimal.	
	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Adjustment Factor	P11	75	0.999	None	
Acre Stage Guarantee = Guarantee P	= 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.
Amount							

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Exhibit Number: P21-1, Plan 01
Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2012 Version: Approved Release Date: 10/6/2015

Insurance Plan Code		01 Yield Protection						
	0011 Wheat	0018 Rice			0041 Corn		0078 SunFlowers	
Commodity Code	0015 Canola	0021 Cotton			0043 Popcorn		0081 Soybeans	
		0051 Grain Sorghum					0091 Barley	
		<u>Field</u>	Record	Field	Field	<u>Field</u>		
	Calculations	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	<u>Rules</u>	
Section 11: Malting Barley Loss Guarantee Calculation								
Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	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		
Section 12: Malting Barley In	ndemnity Calculation							
Revenue Conversion Production To Count = Production to Count Quantity * Price Election Am		Revenue Conversion Production To Count	P21	43	99999999.99	Round to nearest dollar and 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		
Unit Deficiency Quantity =	Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	45	S99999999.99	Round to nearest dollar and cents.		
Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent Amount	Preliminary Indemnity Amount	P21	49	S9999999999	Round to whole number.			
		Insured Share Percent	P11	47	9.999	None		
	Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	50	S999999999	Round to whole number		
Indemnity Amount =		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".	
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.		

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