Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim Reinsurance Year: 2013 Version: Approved

Common Crop Insurance Policy 'yield

protecton guarantee (per acre)'.

Record Code: P21 Release Date: 12/18/2017 **Insurance Plan Code** 01 Yield Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0041 Corn **Commodity Code** 0015 Canola 0051 Grain Sorghum 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field <u>Field</u> Field Field Record Calculations Name Number Number **Format** Rounding Rules Section 1: Stage Guarantee Calculation When Unit of Measure equals Pounds, "LBS", then Round to Common Crop Insurance Policy 'production whole Number. guarantee (per acre)'. Guarantee Per Acre1 Internal 99999999.99 When Unit of Measure equals Guarantee Per Acre1 should be rounded to Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Tons, "Tons", then Round to 2 whole pounds for Dry Beans, "0047" (all decimals. types), and Dry Peas, "0067" (all types). Otherwise, Round to 1 decimal Approved Yield P11 99999999.99 45 None Coverage Level Percent P14 34 9.9999 None Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": **Modified Yield** 99999999.99 Share Percent) will be obtained from Cotton Internal Round to whole number. P11 record. P11 45 99999999.99 Modified Yield = Approved Yield * Option Conversion Factor Approved Yield 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. P14 Coverage Level Percent 34 9.9999 When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to Guarantee Per Acre2 = Guarantee Per Acre1 *
Guarantee Adjustment Factor 99999999.99 When Unit of Measure equals whole pounds for Dry Beans, "0047" (all Guarantee Per Acre2 Internal Tons, "Tons", then Round to 2 types), and Dry Peas, "0067" (all types). decimals. Otherwise, Round to 1 decimal. **Guarantee Adjustment Factor** P11 74 0.999 None Round to nearest dollar and Not used in determination of Loss Guarantee P21 49 99999999.99 Acre Stage Guarantee Amount cents. Amount

P11

48

9999.9999

Price Election Amount

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Amount

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

Reinsurance Year: 2013

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Release Date: 12/18/2017

Record Code: P21 **Insurance Plan Code** 01 Yield Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Field Field <u>Field</u> Record Calculations Name Number Number **Format** Rounding Rules Section 2: Loss Guarantee Calculation Round to nearest dollar and Loss Guarantee Amount P21 51 99999999.99 Guarantee Per Acre2 * Price Election Amount * cents. Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor P21 18 **Determined Acreage** 9999999.99 None Liability Adjustment Factor P21 40 9.999999 None Section 3: Indemnity Calculation **Revenue Conversion Production** Round to nearest dollar and P21 46 9999999.99 Revenue Conversion = Production to Count Quantity * Price Election Amount cents. to Count **Production to Count** Production to Count Quantity P21 35 9999999.99 None Price Election Amount P11 48 9999.9999 Loss Guarantee Amount – Revenue Conversion Round to nearest dollar and Unit Deficiency Quantity = Unit Deficiency Quantity P21 50 \$9999999.99 **Production to Count** cents. Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent Preliminary Indemnity Amount P21 53 S999999999 Round to whole number. Amount P11 Insured Share Percent 46 9.999 None P21 54 S9999999999 ndemnity Amount Round to whole number. Preliminary Indemnity Amount * Multiple Commodity Indemnity Amount = Multiple Commodity Adjustment Adjustment Factor ICE 9999.999 Edit with ICE Multiple Cropping, "D00063". None 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". When Unit of Measure equals Pounds, "LBS", then Round to Common Crop Insurance Policy 'production whole Number. guarantee (per acre)'. 99999999.99 Guarantee Per Acre1 Internal When Unit of Measure equals Guarantee Per Acre1 should be rounded to Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Tons, "Tons", then Round to 2 whole pounds for Dry Beans, "0047" (all decimals. types), and Dry Peas, "0067" (all types). Otherwise, Round to 1 decimal Approved Yield 9999999.99 P11 45 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: 2013
Version: Approved
Release Date: 12/18/2017

Insurance Plan Code 01 Yield Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn **Commodity Code** 0051 Grain Sorghum 0081 Soybeans 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Field Record Field Field **Calculations** Name Number Number **Format** Rounding Rules When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to Internal 99999999.99 When Unit of Measure equals whole pounds for Dry Beans, "0047" (all Guarantee Per Acre2 Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor Tons, "Tons", then Round to 2 types), and Dry Peas, "0067" (all types). decimals. Otherwise, Round to 1 decimal 74 0.999 None Guarantee Adjustment Factor P11 Round to nearest dollar and Not used in determination of Loss Guarantee Commodity Code not equal Dry Beans, "0047: Acre Stage Guarantee Amount P21 49 99999999.99 Amount cents. 48 Price Election Amount P11 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' When Unit of Measure equals calculation and 'Loss Guarantee Amount' Lesser of: Pounds, "LBS", then Round to calculation. Value of '20% of Guarantee Per Acre Stage Guarantee (20% of Guarantee Per Acre2 whole Number. Acre2' should be rounded before compare to Amount OR Maximum Replant Guarantee Per Acre) * Price 'Maximum Replant Guarantee Per Acre'. **Election Amount** 20% of Guarantee Per Acre2 99999999.99 When Unit of Measure equals Internal 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 decimal Other Unit of Measures Round(Guarantee Per Acre2 * 0.20, 1)

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

Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code		01 Yield Protection					
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorg 0067 Dry Peas	hum	0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Commodity Code equal Dry	Beans, "0047:	Acre Stage Guarantee Amount	P21	49	999999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarantee Amount
		Price Election Amount	P11	48	99999.9999	None	
		Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI ICE "D00129". If lesser of submit in AIP Acre Stage Guarantee field 37 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		99999999.99	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 37 as pounds before price. ## Unit of Measure "LBS", Round(Guarantee Per Acre2 * 0.10, 0)
		Insured's Actual Cost	P21	37	99999999.99		Insured's Actual Cost will be submitted in AIF Acre Stage Guarantee field 37 if lesser of converted to pounds per Dry Beans Loss Adjustment Handbook.
Section 5: Replant Paymen	t Loss Guarantee Calculation						
Commodity Code <u>not</u> equal	,	Loss Guarantee Amount	P21	51	99999999.99	Round to nearest dollar and cents.	
	Lesser of ((20% of Guarantee Per Acre2) or Maximum = Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	18	99999999.99	None	
Loss Guarantee Amount		Liability Adjustment Factor	P21	40	9.999999	None	
Commodity Code equal Dry	Beans, "0047:	Loss Guarantee Amount	P21	51	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount	Lesser of (Insured's Actual Cost or Round(10% of Guarantee Per Acre2, 0) or Maximum Replant	Determined Acreage	P21	18	99999999.99	None	
	Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Liability Adjustment Factor	P21	40	9.999999	None	
Section 6: Replant Paymen	t Indemnity Calculation						
Indemnity Amount = Loss Guarantee Amount * Insured Share Percent		Indemnity Amount	P21	54	S999999999	Round to whole number.	
		Insured Share Percent	P11	46	9.999	None	
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.	

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

Reinsurance Year: 2013
Version: Approved
Release Date: 12/18/2017

Record Code: P21 01 Yield Protection **Insurance Plan Code** 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn **Commodity Code** 0051 Grain Sorghum 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field <u>Field</u> Field Field Record Calculations Name Number Number **Format** Rounding Rules Prevented Planting Payment for Yield Protection, "01". Section 7: Prevented Planting 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 Common Crop Insurance Policy 'production whole Number. guarantee (per acre)'. Guarantee Per Acre1 Internal 99999999.99 When Unit of Measure equals Guarantee Per Acre1 should be rounded to Tons, "Tons", then Round to 2 Guarantee Per Acre1 = Approved Yield * Coverage Level Percent whole pounds for Dry Beans, "0047" (all decimals. types), and Dry Peas, "0067" (all types). Otherwise, Round to 1 decimal 9999999.99 Approved Yield P11 45 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. P11 Modified Yield = Approved Yield * Option Conversion Factor Approved Yield 45 9999999.99 None Option Conversion Factor ADM 9.9999 Edit with ADM Option Rate, "A01060". Guarantee Per Acre1 = Modified Yield * Coverage Level Percent Internal Guarantee Per Acre1 9999999.99 Round to whole number. P14 Coverage Level Percent 34 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to whole pounds for Dry Beans, "0047" (all Guarantee Per Acre2 Internal 99999999.99 When Unit of Measure equals Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor Tons, "Tons", then Round to 2 types), and Dry Peas, "0067" (all types). decimals. Otherwise, Round to 1 decimal Guarantee Adjustment Factor P11 74 0.999 None

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Exhibit Number: P21-1, Plan 01 Record Name: Acreage Claim Record Code: P21 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Necolu Cour				Release Date.	12, 10, 201,	
Insurance Plan Code	01 Yield Protection					
0011 Wheat Commodity Code 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn		0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas			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> <u>Format</u>	<u>Field</u> Rounding	Rules
Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	P21	49	999999999999999999999999999999999999999	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	48	99999.9999	None	
Section 8: Prevented Planting Payment Loss Guarantee Calculation						
Guarantee Per Acre2 * Price Election Amount *	Loss Guarantee Amount	P21	51	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor	Determined Acreage	P21	18	99999999.99	None	
· , ,	Liability Adjustment Factor	P21	40	9.999999	None	
Section 9: Prevented Planting Payment Indemnity Calculation						
Preliminary Indemnity = Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	53	S999999999	Round to whole number.	
Amount Amount Insured Share Percent	Insured Share Percent	P11	46	9.999	None	
Dualization and Land apposite Associate * Multiple Company of the	Indemnity Amount	P21	54	S999999999	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		S999999999	Round to whole number.	
Malting Barley Price and Quality Endorsement (Options MA and MB) Section 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	45	99999999.99	None	Common Crop Insurance Policy
	Coverage Level Percent	P14	34	9.9999	None	
Cuprosto Dos Agrad - Cuprosto per Agrad * Cuprosto Adirect	Guarantee Per Acre2	Internal		99999999.99	Round to 1 decimal.	
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Adjustment Factor	P11	74	0.999	None	
Acre Stage Guarantee	Acre Stage Guarantee Amount	P21	49	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	48	99999.9999	None	

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Total Indemnity

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

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S999999999

Round to whole number.

Insurance Plan Code 01 Yield Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field <u>Field</u> Field <u>Field</u> Record Calculations Name Number Number **Format** Rounding Rules Section 11: Malting Barley Loss Guarantee Calculation Round to nearest dollar and P21 99999999.99 Loss Guarantee Amount 51 Guarantee Per Acre2 * Price Election Amount * cents. Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor Determined Acreage P21 35 99999999.99 None Liability Adjustment Factor P21 48 9.999999 None Section 12: Malting Barley Indemnity Calculation **Revenue Conversion Production** Round to nearest dollar and P21 99999999.99 46 Revenue Conversion = Production to Count Quantity * Price Election Amount To Count cents. Production To Count Production to Count Quantity P21 35 99999999.99 None Price Election Amount P11 48 99999,9999 None Loss Guarantee Amount – Revenue Conversion Round to nearest dollar and Unit Deficiency Quantity = Unit Deficiency Quantity \$9999999.99 P21 50 **Production to Count** cents. Preliminary Indemnity = Unit Deficiency Quantity * Insured Share Percent P21 S999999999 **Preliminary Indemnity Amount** 53 Round to whole number. Amount Insured Share Percent P11 46 9.999 None ndemnity Amount P21 54 S999999999 Round to whole number Preliminary Indemnity Amount * Multiple Commodity Indemnity Amount = Multiple Commodity Adjustment Adjustment Factor ICE Edit with ICE Multiple Cropping, "D00063". 9999.999 None Factor

Internal

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Total Indemnity

∑ Indemnity Amount for the Unit

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

Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code		01 Yield Protection					
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn 0051 Grain Sorghum			0081 Soybeans		
	0018 Rice	0043 Popcorn	0067 Dry Peas			0091 Barley	
		<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>

Downed Rice Payment, option "DC", for Yield Protection, "01", Stage Code = "DQ".

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.

Castian 12. D	accompand Disa Daccompand I	Loss Guarantee Calculation

		Insured Acreage10	Internal		99999999.99	Round to 1 decimal.	
Insured Acreage10	= Reported Acreage * 10%	Reported Acreage	P11	51	9999999.99	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	51	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
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	51	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount	Amount * Price Election Percent	Harvest Expense Amount	ADM		99999	None	Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = 'DC'.
		Price Election Percent	P14	35	9.9999	None	
Section 14: Downed Rice Payment Indemnity Calculation							
Indemnity Amount	Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	54	S9999999999	Round to whole number.	
indentitity Amount		Insured Share Percent	P11	46	9.999	None	
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		\$999999999	Round to whole number.	Only Downed Rice records, no base Rice records.

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