Reinsurance Year: 2011

	Record Name:	Record Name: Acreage Claim Record Code: P21			Version: Approved Release Date: 8/11/2015			
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Exc	lusion				
	0011 Wheat	0021 Cotton 0078 Sunflower						
Commodity Code	0015 Canola	0041 Corn			0081 Soybeans			
	0018 Rice	0051 Grain Sorghum			0091 Barley			
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>		
	Calculations	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	<u>Rounding</u>	<u>Rules</u>	
Section 1: Stage Guarante	e Calculation							
Guarantee Per Acre1	= Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999.99	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.	Common Crop Insurance Policy 'production guarantee (per acre)'.	
		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	eld = 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 rei Aciel	- mounicu ficiu Coverage Lever refeelit	Coverage Level Percent	P14	34	9.9999	None		
Guarantee Per Acre2	= Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	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. Otherwise, Round to 1 decimal.		
		Guarantee Adjustment Factor	P11	41	0.999	None		

8/7/2015 Page 1 of 10

Record Name: Acreage Claim Record Code: P21

Reinsurance Year: 2011

Version: Approved

Release Date: 8/11/2015

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion	
	0011 Wheat	0021 Cotton	0078 Sunflower
Commodity Code	0015 Canola	0041 Corn	0081 Soybeans
	0018 Rice	0051 Grain Sorghum	0091 Barley

Commodity Code	0015 Canola	0041 Corn			0081 Soybeans		
	0018 Rice	0051 Grain Sorghum			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>
	Price Election Amount Calculation: = (greater of Projected Price 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]. When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078";	
						round to nearest one-tenth cent [\$9.999].	
		Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".
		Harvest Price	ADM		99999.9999	None	Edit with ADM Price, "00810".
		Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code "02".
Calculation:	Harvest Price Exclusion, "03", Price Election Amount = Projected 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]. When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one-tenth cent [\$9.999].	
		Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".
		Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code equals "03".
Acre Stage Guarantee Amount	= Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal	36	999999999999999999999999999999999999999	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.

8/7/2015 Page 2 of 10

Reinsurance Year: 2011 Version: Approved

Record Name: Acreage Claim Release Date: 8/11/2015 Record Code: P21 **Insurance Plan Code** 03 Revenue Protection with Harvest Price Exclusion 02 Revenue Protection 0078 Sunflower 0011 Wheat 0021 Cotton **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0091 Barley 0018 Rice 0051 Grain Sorghum Field Record Field **Field** Field **Calculations** Number <u>Number</u> Rules <u>Name</u> **Format** Rounding Section 2: Loss Guarantee Calculation Round to nearest dollar and Loss Guarantee Amount P21 46 9999999.99 Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor cents. Determined Acreage P21 17 99999999.99 None 38 Liability Adjustment Factor P21 9.999999 None Revenue Conversion Production Round to nearest dollar and P21 46 9999999.99 to Count cents. Production to Count Quantity P21 34 99999999.99 None Revenue Conversion Production to Count Quantity * Harvest Price Edit with ADM Price, "00810". If Harvest Price has not been released for revenue Harvest Price ADM 99999.9999 None Protection, "02", the Projected Price can be used for validation of Revenue to Count. Section 3: Indemnity Calculation Unit Deficiency Quantity = Loss Guarantee Amount – Revenue Conversion Production to Count Round to nearest dollar and Unit Deficiency Quantity P21 45 \$9999999.99 cents. Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent \$999999999 **Preliminary Indemnity Amount** P21 49 Round to whole number. P11 Insured Share Percent 46 9.999 S999999999 Indemnity Amount P21 50 Round to whole number. Preliminary Indemnity Amount * Multiple Commodity Indemnity Amount = Multiple Commodity Adjustment Adjustment Factor ICE 9999.999 None Edit with ICE Multiple Cropping, "D00063". Factor Total Indemnity ∑ Indemnity Amount for the Unit Total Indemnity Internal \$999999999 Round to whole number.

8/7/2015 Page 3 of 10

Per Acre

Reinsurance Year: 2011 Version: Approved

Release Date: 8/11/2015 Record Code: P21 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0011 Wheat 0021 Cotton 0078 Sunflower **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0051 Grain Sorghum 0091 Barley 0018 Rice Field Record Field **Field** Field **Calculations** Number Number **Format** Rounding Rules <u>Name</u> 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. When Unit of Measure Common Crop Insurance Policy 'production Guarantee Per Acre1 Internal 9999999.99 equals Tons, "Tons", then guarantee (per acre)'. Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Round to 2 decimals. Otherwise, Round to 1 decimal. 99999999.99 Approved Yield P11 46 None Coverage Level Percent P14 33 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. When Unit of Measure 99999999.99 Guarantee Per Acre2 Internal 101 Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor equals Tons, "Tons", then Round to 2 decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 75 0.999 None Round to nearest dollar and 999999999.99 Acre Stage Guarantee Amount Internal 36 Not used in determination of Loss Guarantee. cents. Price Election Amount P11 49 99999.999 None Based on Projected Price. Maximum Replant Guarantee ICE Edit with SPOI ICE "D00129".

8/7/2015 Page 4 of 10

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

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion	
	0011 Wheat	0021 Cotton	0078 Sunflower
Commodity Code	0015 Canola	0041 Corn	0081 Soybeans
	0018 Rice	0051 Grain Sorghum	0091 Barley

Record Code: P21

	0018 Rice	0051 Grain Sorghum			0091 Barley		
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
Acre Stage Guarantee Amount	= OR	20% of Guarantee Per Acre2	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. Otherwise, Round to 1 decimal.	Result of '20% of Guarantee Per Acre2' will be used 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)

8/7/2015 Page 5 of 10

Reinsurance Year: 2011 Version: Approved

	Record Name: Acreage Claim				Version:		
	Record Code: P21				Release Date:		
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion					
	0011 Wheat	0021 Cotton			0078 Sunflower		
Commodity Code	0015 Canola	0041 Corn			0081 Soybeans		
	0018 Rice	0051 Grain Sorghum			0091 Barley		
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
Section 5: Replant Paymen	t Loss Guarantee Calculation						
	 Lesser of ((20% of Guarantee Per Acre2) or Maxiumum Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability Adjustment Factor 	Loss Guarantee Amount	P21	48	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount :		Determined Acreage	P21	17	99999999.99	None	
		Liability Adjustment Factor	P21	38	9.999999	None	
Section 6: Replant Paymen	Section 6: Replant Payment Indemnity Calculation						
Indomnity Amount	= Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	51	\$999999999	Round to whole number.	
indentifity Amount	- Loss Guarantee Amount - insured Share Percent	Insured Share Percent	P11	48	9.999	None	
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

8/7/2015 Page 6 of 10

Version: Approved Release Date: 8/11/2015

Reinsurance Year: 2011

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

 Commodity Code
 0011 Wheat
 0021 Cotton
 0078 Sunflower

 Commodity Code
 0015 Canola
 0041 Corn
 0081 Soybeans

 0018 Rice
 0051 Grain Sorghum
 0091 Barley

Record Code: P21

	<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>		
Section 7: Stage Guarantee Calculation								
Prevented Planting Payment for Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03".								
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.			
					M/h on I lnit of Managema	Common Cron Ingurance Policy Invaduation		
	Guarantee Per Acre1	Internal			When Unit of Measure	Common Crop Insurance Policy 'production		
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent					equals Tons, "Tons", then Round to 2 decimals.	guarantee (per acre)'.		
					Round to 2 decimals.			
					Otherwise, Round to 1			
					decimal.			
					decimal.			
	Approved Yield	P11	46	99999999.99	None			
	Coverage Level Percent	P14	33	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			
	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			
					When Unit of Measure			
					equals Pounds, "LBS", then			
					Round to whole Number.			
			404	00000000000	When Unit of Measure			
Guarantee Per Acre2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal	101	99999999.99	equals Tons, "Tons", then			
					Round to 2 decimals.			
					Otherwise, Round to 1			
					decimal.			
	Cuarantos Adiustra est Fasta	D11	75	0.000	None			
	Guarantee Adjustment Factor	P11	75	0.999	None			

8/7/2015 Page 7 of 10

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

Record Name: Acreage Claim Record Code: P21 **Insurance Plan Code** 03 Revenue Protection with Harvest Price Exclusion 02 Revenue Protection 0078 Sunflower 0011 Wheat 0021 Cotton **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0091 Barley 0018 Rice 0051 Grain Sorghum Field Record **Field Field** Field **Calculations** Rounding Rules <u>Name</u> Number <u>Number</u> **Format** Common Crop Insurance Policy 'revenue Round to nearest dollar and Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount Acre Stage Guarantee Amount Internal 36 99999999.99 protection guarantee (per acre)'. Not used in determination of Loss Guarantee. P11 99999.9999 Price Election Amount 49 None Based on Projected Price. Section 8: Prevented Planting Payment Loss Guarantee Calculation Round to nearest dollar and Loss Guarantee Amount P21 46 99999999.99 Loss Guarantee Amount = Guarantee Per Acre2 * Price Election Amount *
Determined Acreage * Liability Adjustment Factor cents. Determined Acreage P21 17 9999999.99 None Liability Adjustment Factor P21 38 9.999999 None Section 9: Prevented Planting Payment Indemnity Calculation S999999999 Preliminary Indemnity Amount P21 49 Round to whole number. P11 47 Insured Share Percent 9.999 None Indemnity Amount P21 50 \$999999999 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 Factor Total Indemnity ∑ Indemnity Amount for the Unit Total Indemnity Internal 59999999999 Round to whole number. Section 10: Stage Guarantee Calculation Malting Barley Price and Quality Endorsement Round to nearest whole pounds, nearest hundreth for Common Crop Insurance Policy 'production 999999999.9 Guarantee Per Acre1 Internal tonage commodities, or guarantee (per acre)'. nearest tenths for other units of measure. Guarantee Per Acre1 = Approved Yield * Coverage Level Percent Approved Yield P11 46 99999999.99 None 33 9.9999 Coverage Level Percent P14 None

8/7/2015 Page 8 of 10

 Record Name: Acreage Claim
 Version: Approved

 Record Code: P21
 Release Date: 8/11/2015

Reinsurance Year: 2011

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

 Commodity Code
 0011 Wheat
 0021 Cotton
 0078 Sunflower

 Commodity Code
 0015 Canola
 0041 Corn
 0081 Soybeans

 0018 Rice
 0051 Grain Sorghum
 0091 Barley

0018 Rice	0051 Grain Sorghum 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>	Rules	
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		
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.	
	Price Election Amount	P11	49	99999.9999	None		

8/7/2015 Page 9 of 10

Factor

Total Indemnity

Reinsurance Year: 2011 Version: Approved

None

Round to whole number.

\$999999999

Record Code: P21 **Release Date: 8/11/2015 Insurance Plan Code** 03 Revenue Protection with Harvest Price Exclusion 02 Revenue Protection 0078 Sunflower 0011 Wheat 0021 Cotton **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0091 Barley 0018 Rice 0051 Grain Sorghum Field Record **Field Field** Field **Calculations** Number <u>Number</u> Rules <u>Name</u> **Format** Rounding Section 11: Malting Barley Loss Guarantee Calculation Round to nearest dollar and Loss Guarantee Amount P21 46 9999999.99 Guarantee Per Acre2 * Price Election Amount * cents. Loss Guarantee Amount = Determined Acreage * Liability Adjustment Factor P21 17 99999999.99 Determined Acreage None Liability Adjustment Factor P21 38 9.999999 None Revenue Conversion Production Round to nearest dollar and P21 46 9999999.99 To Count cents. Production to Count Quantity P21 34 99999999.99 None Price Election Amount P11 49 99999.9999 None Section 12: Malting Barley Indemnity Calculation Loss Guarantee Amount - Revenue Conversion Round to nearest dollar and P21 Unit Deficiency Quantity \$9999999.99 Unit Deficiency Quantity = 47 **Production to Count** cents. **Preliminary Indemnity** P21 \$999999999 Preliminary Indemnity Amount 49 Round to whole number. = Unit Deficiency Quantity * Insured Share Percent P11 48 Insured Share Percent 9.999 Indemnity Amount P21 50 \$999999999 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

Internal

8/7/2015 Page 10 of 10

Total Indemnity

∑ Indemnity Amount for the Unit