Reinsurance Year: 2015 Version: Approved

Release Date: 9/20/2018 Record Code: P21 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 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 0091 Barley Field Record Field Field Field Calculations Name 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 guarantee (per acre)'. When Unit of Measure equals 99999999.99 Guarantee Per Acre1 Internal Tons, "Tons", then Round to Guarantee Per Acre1 should be rounded to Guarantee Per Acre1 = Approved Yield \* Coverage Level Percent whole pounds for Dry Beans, "0047" (all 2 decimals. types), and Dry Peas, "0067" (all types). Otherwise, Round to 1 decimal. 99999999.99 Approved Yield P11 43 None Coverage Level Percent P14 34 9.9999 None Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": Modified Yield 99999999.99 Round to whole number. Internal Share Percent) will be obtained from Cotton P11 record. Modified Yield = Approved Yield \* Option Conversion Factor Approved Yield P11 43 99999999.99 None ADM 9.9999 Option Conversion Factor None Edit with ADM Option Rate, "A01060". Guarantee Per Acre1 = Modified Yield \* Coverage Level Percent Guarantee Per Acre1 Internal 9999999.99 Round to whole number. Coverage Level Percent P14 34 9.9999 None When Unit of Measure equals Pounds, "LBS", then Round to whole Number. Guarantee Per Acre2 should be rounded to When Unit of Measure equals Guarantee Per Acre2 Internal 99999999.99 whole pounds for Dry Beans, "0047" (all Tons, "Tons", then Round to Guarantee Per Acre2 = Guarantee per Acre1 \* Guarantee Adjustment Factor types), and Dry Peas, "0067" (all types). 2 decimals. Otherwise, Round to 1 decimal. Guarantee Adjustment Factor P11 72 0.999 None

9/14/2018 Page 1 of 16 Exhibit Name: Indemnity Calculations

Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2015 Version: Approved **Release Date:** 9/20/2018

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	03 Revenue Protection with Harvest Price Exclusion							
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts			
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorgh	um	0078 Sunflowers			
	0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans			
							0091 Barley			
		Field	Record	Field	Field	Field				

<u>Commodity Code</u> 0015 Canola	0041 Corn			0051 Grain Sorgh	num	0078 Sunflowers
0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans
						0091 Barley
	Field	Record	Field	<u>Field</u>	Field	1
Calaulatiana						Podes
<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
Revenue Protection, "02", Price Election Amount Calculation:					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 Cotton,	
					Grain Sorghum, Wheat, or	
					specialty types Corn,	
					Soybeans, or Barley, round to	
					neareat one hundredth cent	
					(\$9.9999).	
					(42.222)	
					Whon Commodity Code	
	Price Election Amount	Internal		9999.999	When Commodity Code	
	rrice Election Amount	Internal		3333.333	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 Rice,	
					Sunflowers, or specialty type	
					Canola; round to nearest	
					hundredth cent (\$9.9999).	
					manareath cent (\$3.3333).	
					When Comment in Co. I	
					When Commodity Code	
					equals Popcorn, "0043", Dry	
Price Election Amount = greater of Projected Price (or Cor	ntract Price if				Beans, "0047", or Dry Peas,	
applicable) or Harvest Price * Price	ce Election Percent				"0067" round to nearest one-	
					hundredth cent [\$9.9999].	
					[45.555].	
						1
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".
9/14/2018	Pag	e 2 of 16		33333.3333	]	Late with ADMITTICE, A00010.
-, - ,	1 46	00				

Record Name: Acreage Claim

Reinsurance Year: 2015

Version: Approved

Release Date: 9/20/2018

Record Code: P21

		Record Code: P21			Release Date					
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	03 Revenue Protection with Harvest Price Exclusion							
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn	0041 Corn 0051 Grain Sorghum							
	<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> <u>Rounding</u>	Rules			
		Contract Price	P11	47	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 Harvest Price will be adjusted by difference between Projected Price and Contract Price.			
·		Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code "02".			

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**Exhibit Name:** Indemnity Calculations

Exhibit Number: P21-2, Plan 02 & 03
Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2015 Version: Approved

Release Date: 9/20/2018

Record Code: P21 Release Date: 9/20/2018								
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price Exclu	ısion				
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorgh 0067 Dry Peas	num	0075 Peanuts 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>	Rules	
Revenue Protection with H Calculation:	Projected Price (or Contract Price if applicable) * 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 Cotton, Grain Sorghum, Wheat, or 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 Rice, Sunflowers, or 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].		
14/2018		Projected Price Page	4 of 16		99999.9999	None	Edit with ADM Price, "A00810".	

Record Name: Acreage Claim

Reinsurance Year: 2015 Version: Approved

	Rec	cord Code: P21			Release Date	: 9/20/2018	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Exclu	usion			
	0011 Wheat	0021 Cotton	,				
Commodity Code	0015 Canola		•				0078 Sunflowers
	0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans
							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>
		Contract Price	P11	47	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 whe Insurance Plan Code equals "03".

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Record Name: Acreage Claim Version: Approved Record Code: P21 Release Date: 9/20/2018

Reinsurance Year: 2015

**Insurance Plan Code** 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0015 Canola 0018 Rice 0043 Popcorn 0067 Dry Peas 0081 Soybeans 0091 Barley Field Record Field Field Field Calculations Name Number Number **Format** Rounding Rules Common Crop Insurance Policy 'revenue Round to nearest dollar and Acre Stage Guarantee Amount Internal 99999999.99 protection guarantee (per acre)'. Not used in Amount cents. determination of Loss Guarantee. Section 2: Loss Guarantee Calculation Round to nearest dollar and P21 Loss Guarantee Amount 9999999.99 57 cents. Guarantee Per Acre2 \* Price Election Amount \* Loss Guarantee Amount = P21 Determined Acreage 18 9999999.99 None Determined Acreage \* Liability Adjustment Factor Liability Adjustment Factor P21 39 9.999999 None Revenue Conversion Production Round to nearest dollar and P21 45 9999999.99 to Count cents. Production to Count Quantity P21 34 99999999.99 Edit with ADM Price, "00810". If Contract Revenue Conversion = Production to Count Quantity \* Harvest Price Price was submitted on the P11 then Harvest Price will be adjusted by difference between Projected Price and Contract Price. If Harvest **Harvest Price** ADM 99999.9999 None 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 Loss Guarantee Amount – Revenue Conversion Round to nearest dollar and Unit Deficiency Quantity = Unit Deficiency Quantity P21 56 \$9999999.99 **Production to Count** cents. Preliminary Indemnity = Unit Deficiency Quantity \* Insured Share Percent Preliminary Indemnity Amount P21 59 5999999999 Round to whole number. Insured Share Percent 44 9.999 None P11 P21 Indemnity Amount 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 \( \sum \) Indemnity Amount for the Unit Total Indemnity 5999999999 Round to whole number. Internal

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Approved Yield

Coverage Level Percent

Guarantee Per Acre2

Guarantee Adjustment Factor

Record Name: Acreage Claim

Reinsurance Year: 2015

Version: Approved

Release Date: 9/20/2018 Record Code: P21 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 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 0091 Barley Field Record Field Field Field Calculations Number Name 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)'. 99999999.99 Tons, "Tons", then Round to Guarantee Per Acre1 Internal Guarantee Per Acre1 should be rounded to 2 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

P14

Internal

P11

43

34

72

99999999.99

9.9999

99999999.99

0.999

None

None

whole Number.

2 decimals.

decimal.

None

When Unit of Measure equals Pounds, "LBS", then Round to

When Unit of Measure equals

Tons, "Tons", then Round to

Otherwise, Round to 1

Guarantee Per Acre2 should be rounded to

whole pounds for Dry Beans, "0047" (all

types), and Dry Peas, "0067" (all types).

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Guarantee Per Acre2 = Guarantee per Acre1 \* Guarantee Adjustment Factor

Record Name: Acreage Claim

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

Record Code: P21

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harves	st Price Exclu	ısion			
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorgh 0067 Dry Peas	um	0075 Peanuts 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>
ommodity Code <u>not</u> equa	al Dry Beans, "0047" or Peanuts, "0075":	Acre Stage Guarantee Amount	P21	55	999999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarante
		Price Election Amount	P11	46	99999.999	None	Based on Projected Price or Contract Price i applicable.
		Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI "D00129".
Acre Stage Guarantee Amount	= <b>OR</b> Maximum Replant Guarante <b>e</b> Per Acre) * Price Election Amount	20% of Guarantee Per Acre2	Internal		99999999.99	Pounds, "LBS", then Round to whole Number. When Unit of Measure equals	Result of '20% of Guarantee Per Acre2' will I used in 'Acre Stage Guarantee Amount' calculation and 'Loss Guarantee Amount' calculation. Value of '20% of Guarantee Per Acre2' should be rounded before compare t '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)
Commodity Code equal Pe Acre Stage Guarantee Amount	= Maximum Replant Guarantee Per Acre	Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI "D00129".
ommodity Code equal Dr	ry Beans, "0047:	Acre Stage Guarantee Amount	P21	55	999999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarante Amount
		Price Election Amount	P11	46	99999.9999	None	Based on Projected Price.
		Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI ICE "D00129". If lesser of submit in AIP Acre Stage Guarantee field 36 pounds before price.

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Record Name: Acreage Claim

Reinsurance Year: 2015 Version: Approved Record Code: P21 **Release Date: 9/20/2018** 

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

0011 Wheat 0021 Cotton 0047 Dry Beans **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0018 Rice 0067 Dry Peas 0043 Popcorn

0078 Sunflowers 0081 Soybeans 0091 Barley

0075 Peanuts

							0091 Barrey
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
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			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 36 as pounds before price. Unit of Measure "LBS", Round(Guarantee Per Acre2 * 0.10, 0)
		Insured's Actual Cost	P21	36	99999999.99		Insured's Actual Cost will be submitted in AIP Acre Stage Guarantee field if lesser of converted to pounds per Dry Beans Loss Adjustment Handbook.

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Record Name: Acreage Claim

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

Record Code: P21

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	st Price Exclu	ısion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorgh	um	0078 Sunflowers
	0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans
							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	Rules
ection 5: Replant Paymen	t Loss Guarantee Calculation						
Commodity Code <u>not</u> equa	ll Dry Beans, "0047" or Peanuts, "0075":	Loss Guarantee Amount	P21	57	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount	Lesser of ((20% of Guarantee Per Acre2) or Maxiumum = Replant Guarantee Per Acre) * Price Election Amount *	Determined Acreage	P21	18	99999999.99	None	
	Determined Acreage * Liability Adjustment Factor	Liability Adjustment Factor	P21	39	9.999999	None	
Commodity Code equal Dr	y Beans, "0047:  Lesser of (Insured's Actual Cost or Round(10% of	Loss Guarantee Amount	P21	57	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount	= Guarantee Per Acre2, 0) or Maximum Replant Guarantee Per Acre) * Price Election Amount *	Determined Acreage	P21	18	99999999.99	None	
	Determined Acreage * Liability Adjustment Factor	Liability Adjustment Factor	P21	39	9.999999	None	
Commodity Code equal Pe	anuts, "0075":	Loss Guarantee Amount	P21	57	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount	= Maximum Replant Guarantee Per Acre *	Determined Acreage	P21	18	99999999.99	None	
	Determined Acreage * Liability Adjustment Factor	Liability Adjustment Factor	P21	39	9.999999	None	
Section 6: Replant Paymer			•				
Indemnity Amount	= Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	60	S9999999999	Round to whole number.	
	indennity Amount – Loss Guarantee Amount - insured share Percent		P11	44	9.999	None	
oss Guarantee Calculation	$\Sigma$ Indemnity Amount for the Unit	Total Indemnity	Internal		S9999999999	Round to whole number.	

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Record Code: P21

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

	Record Code				Release Date.	3/20/2018	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	st Price Exclu	ision			
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0041 Corn 0051 Grain Sorghum 0043 Popcorn 0067 Dry Peas				0075 Peanuts 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	<u>Rules</u>
Section 7: Stage Guarante	e Calculation						
<b>Prevented Planting Payme</b>	ent for Revenue Protection, "02", and Revenue Protection	with Harvest Price Exclusion, "03".					
When Stage Code equals:	Prevented Planting Option 2, "P2",						
Guarantee Per Acre1	Prevented Planting Add 10 Percent, "PT", Prevented Planting Add 5 Percent, "PF"  = 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.  Otherwise, Round to 1 decimal.	Common Crop Insurance Policy 'production guarantee (per acre)'.
		Approved Yield	P11	43	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	43	99999999.99	None	
		Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
Cuarantes Day A 4	- Madified Viold * Coverage Level Descent	Guarantee Per Acre1	Internal		99999999.99	Round to whole number.	
Guarantee Per Acre1	= Modified Yield * Coverage Level Percent	Coverage Level Percent	P14	34	9.9999	None	

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Record Code: P21

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

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 0067 Dry Peas 0018 Rice 0043 Popcorn 0081 Soybeans 0091 Barley Field Field Field Field Record **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

  -  G	Guarantee Adjustment Factor					· I
	Guarantee Adjustment Factor				Otherwise, Round to 1 decimal.	
	oudiantee / lajastinent i dotoi	P11	72	0.999	None	
Acre Stage Guarantee = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	P21	55	999999999.99	Round to nearest dollar and cents.	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.
Alloant	Price Election Amount	P11	46	99999.9999	None	Based on Projected Price or Contract Price if applicable.
Section 8: Prevented Planting Payment Loss Guarantee Calculation						
Guarantee Per Acre? * Price Flection Amount *	Loss Guarantee Amount	P21	57	99999999.99	Round to nearest dollar and cents.	
Loce Guarantoo Amount -	Determined Acreage	P21	18	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
Section 9: Prevented Planting Payment Indemnity Calculation						
Preliminary Indemnity = Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	59	S999999999	Round to whole number.	
Amount Loss Guarantee Amount & 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		S999999999	Round to whole number.	

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Price Election Amount

Record Name: Acreage Claim

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

Record Code: P21 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 02 Revenue Protection 0011 Wheat 0021 Cotton 0047 Dry Beans 0075 Peanuts 0015 Canola 0041 Corn 0051 Grain Sorghum 0078 Sunflowers **Commodity Code** 0067 Dry Peas 0018 Rice 0043 Popcorn 0081 Soybeans 0091 Barley Field Record Field Field Field Calculations Number **Format** Name Number Rounding Rules 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 tonage commodities, or Guarantee Per Acre1 Internal guarantee (per acre)'. nearest tenths for other units Guarantee Per Acre1 = Approved Yield \* Coverage Level Percent of measure. 99999999.99 Approved Yield P11 43 None 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 Internal 99999999.99 Tons, "Tons", then Round to Guarantee Per Acre2 = Guarantee per Acre1 \* Guarantee Adjustment Factor 2 decimals. Otherwise, Round to 1 decimal. 72 0.999 Guarantee Adjustment Factor P11 None Common Crop Insurance Policy 'revenue Round to nearest dollar and Acre Stage Guarantee = Guarantee Per Acre2 \* Price Election Amount Acre Stage Guarantee Amount P21 55 99999999.99 protection guarantee (per acre)'. Not used in Cents determination of Loss Guarantee.

P11

46

99999.9999

None

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Amount

Record Code: P21

Reinsurance Year: 2015

Version: Approved

Release Date: 9/20/2018

0075 Peanuts 0078 Sunflowers

0081 Soybeans

<u>Insurance Plan Code</u> 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion

 Commodity Code
 0011 Wheat
 0021 Cotton
 0047 Dry Beans

 Commodity Code
 0015 Canola
 0041 Corn
 0051 Grain Sorghum

 0018 Rice
 0043 Popcorn
 0067 Dry Peas

					,		0091 Barley	
<u>Calcu</u>	culations	<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>	
Section 11: Malting Barley Loss G	Guarantee Calculation							
Gua	Guarantee Per Acre2 * Price Flection Amount *	Loss Guarantee Amount	P21	57	99999999.99	Round to nearest dollar and cents.		
Loss Guarantee Amount = Dete	ermined Acreage * Liability Adjustment Factor	Determined Acreage	P21	18	99999999.99	None		
		Liability Adjustment Factor	P21	39	9.999999	None		
Payanua Canyarcian		Revenue Conversion Production To Count	P21	45	99999999.99	Round to nearest dollar and cents.		
Production To Count = Prod		Production to Count Quantity	P21	34	99999999.99	None		
		Price Election Amount	P11	46	99999.9999	None		
Section 12: Malting Barley Indem	nnity Calculation							
Unit Deficiency Quantity =	Guarantee Amount – Revenue Conversion duction to Count	Unit Deficiency Quantity	P21	56	S99999999.99	Round to nearest dollar and cents.		
Preliminary Indemnity	t Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	59	S999999999	Round to whole number.		
Amount	t Denciency Quantity - insured Share Percent	Insured Share Percent	P11	44	9.999	None		
Indemnity Amount = Preli	iminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	60	S9999999999	Round to whole number		
Adju:	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".	
Total Indemnity ∑ Ind	demnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.		

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Record Code: P21

Reinsurance Year: 2015 Version: Approved

Release Date: 9/20/2018

Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	03 Revenue Protection with Harvest Price Exclusion							
	0011 Wheat	0021 Cotton			0047 Dry Beans		0075 Peanuts			
Commodity Code	0015 Canola	0041 Corn	0041 Corn			um	0078 Sunflowers			
	0018 Rice	0043 Popcorn			0067 Dry Peas		0081 Soybeans			
							0091 Barley			
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>				
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	<u>Rules</u>			

Downed Rice Payment, option "DC", for Revenue Protection, "02", and Revenue Protection with Harvest Price Exclusion, "03", 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.

## Section 13: Downed Rice Payment Loss Guarantee Calculation

Insured Acreage10	= Reported Acreage * 10%	Insured Acreage10	Internal		99999999.99	Round to 1 decimal.	
		Reported Acreage	P11	49	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	P11	49	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.
	Payable Downed Rice Acreage * Harvest Expense = Amount * Price Election Percent * Liability Adjustment Factor	Loss Guarantee Amount	P21	57	99999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount		Harvest Expense Amount	ADM				Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = 'DC'.
		Price Election Percent	P14	35	9.9999	None	
		Liability Adjustment Factor	P21	39	9.999999	None	

Record Name: Acreage Claim

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

Record Code: P21

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		
							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>		
Indemnity Amount = Loss Guarantee Amount * Insured Share Percent		Indemnity Amount	P21	60	S9999999999	Round to whole number.			
		Insured Share Percent	P11	44	9.999	None			
Total Indemnity	∑ Indemnity Amount for the Unit	Total Indemnity	Internal		S999999999	Round to whole number.	Only Downed Rice records, no base Rice records.		

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