	Exhibit Numbe	e: Indemnity Calculations r: P21-2, Plan 02 & 03 e: Acreage Claim e: P21		Re	einsurance Year: Version: Release Date:	Approved
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Har	vest Price Ex	clusion		
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorg 0067 Dry Peas	
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding
ection 1: Stage Guarantee Calcu						
Guarantee Per Acre	e1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		9999999999.99	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 decima
		Approved Yield	P11	42	999999999.99	None
		Coverage Level Percent	P14	34	9.9999	None
ottonseed Endorsement Option	"SE":	Modified Yield	Internal		999999999.99	Round to whole number.
Modified Yiel	ld = Approved Yield * Option Conversion Factor	Approved Yield	P11	42	999999999.99	None
		Option Conversion Factor	ADM		9.9999	None
Guarantee Per Acre	e1 = Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999.99	Round to whole number.
		Coverage Level Percent	P14	34	9.9999	None
Guarantee Per Acre	e2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal		999999999.99	When Unit of Measure equal Pounds, "LBS", then Round to whole Number. When Unit of Measure equal Tons, "Tons", then Round to 1 decimals. Otherwise, Round to 1 decim
		Guarantee Adjustment Factor	P11	69	0.999	None

0075 Peanuts
0078 Sunflowers
0081 Soybeans
0091 Barley

	Rules
als to	Common Crop Insurance Policy 'production guarantee (per acre)'.
als o 2	Guarantee Per Acre1 should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
nal.	
	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton P11 record.
	Edit with ADM Option Rate, "A01060".
als to	
als o 2	Guarantee Per Acre2 should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
nal.	

	Exhibit Number	: Indemnity Calculations : P21-2, Plan 02 & 03 : Acreage Claim : P21		Re	einsurance Year Version Release Date	: Approved
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with	Harvest Price Ex	clusion		
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sor 0067 Dry Peas	
		<u>Field</u>	<u>Record</u>	<u>Field</u>	<u>Field</u>	<u>Field</u>
Revenue Protection, "02", Price Ele	<u>Calculations</u>	Name	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding
Price Election Amount	=MAX(Projected Price, -Harvest Price) * Price Election Percent	Price Election Amount	Internal		9999.999	<ul> <li>When Commodity Code equa Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghur "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99].</li> <li>When Commodity Code equa Canola, "0015", Rice, "0018", Sunflowers, "0078", or Cottonseed, "0021" (Option 'SE'); round to nearest one- tenth cent [\$9.999].</li> <li>When Commodity Code equa Popcorn, "0043", Dry Beans, "0047", or Dry Peas, "0067" round to nearest one- hundredth cent [\$9.9999].</li> </ul>
		Projected Price	ADM		99999.9999	None
		Contract Price	P11	46	9999.9999	None
		Harvest Price	Internal		99999.9999	None
		Price Election Percent	ICE		9.9999	None

	0075 Peanuts
	0078 Sunflowers
	0081 Soybeans
	0091 Barley
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	Edit with ADM Price, "A00810".
	Contract Price that was submitted on P11 (capped with Max Contract Price from
	ADM).
	Edit with ADM Price, "00810".
	Price Election Percent would equal 1.00 when Insurance Plan Code "02".

	Exhibit Number	: Indemnity Calculations : P21-2, Plan 02 & 03 : Acreage Claim : P21		Re	einsurance Year: Version: Release Date:	: Approved
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with I	Harvest Price Ex	clusion		
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorg 0067 Dry Peas	
	Calculations	<u>Field</u> Name	<u>Record</u> <u>Number</u>	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding
Revenue Protection, "02", Price l	Election Amount Calculation when a contrct price is subm	itted:				
Adjusted Harvest Price	ce = [(Contract Price - Projected Price) + Harvest Price]	Adjusted Harvest Price	Internal		99999.9999	None
		Price Election Amount	Internal		9999.999	When the result is based on a Contract Price for specialty types Corn, Soybeans, or Barley, round to nearest one hundredth cent [\$9.9999].
Price Election Amou	nt = MAX(Adjusted Harvest Price, Contract Price) * Price Election Percent					When the result is based on a Contract Price for Speciality Type Canola round to nearest hundredth cent [\$9.9999].
						When commodity Code equals Popcorn, "0043", Dry Beans, "0047", or Dry Peas, "0067" round to nearest one-hundret cent [\$9.9999].

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	0078 Sunflowers
	0081 Soybeans
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	Exhibit Numb	ne: Indemnity Calculations er: P21-2, Plan 02 & 03 ne: Acreage Claim de: P21		Re	einsurance Year: Version: Release Date:	Approved
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price E	xclusion		
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorg 0067 Dry Peas	
	0018 Rice	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding
venue Protection with Harves	nt = Projected Price (or Contract Price if applicable) * Pr Election Percent	Price Election Amount	Internal		9999.999	<ul> <li>When Commodity Code equal Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghu "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99]. I result is based on Contract Price for specialty types Corn Soybeans or Barley, round to neareat one hundredth cent (\$9.9999).</li> <li>When Commodity Code equal Canola, "0015", Rice, "0018", Sunflowers, "0078", or Cottonseed, "0021" (Option 'SE'); round to nearest one-tenth cent [\$9.999]. If result based on Contract Price for specialty type Canola; round reareat one hundredth cent (\$9.9999).</li> <li>When Commodity Code equal Contract Price for specialty type Canola; round reareat one hundredth cent (\$9.9999).</li> <li>When Commodity Code equal Popcorn, "0043", Dry Beans, "0047", or Dry Peas, "0067" round to nearest one-bundredth cent [\$9.999].</li> </ul>
		Projected Price	ADM		99999.9999	None
		Contract Price	P11	46	9999.9999	None
		Price Election Percent	ICE		9.9999	None
Acre Stage Guarantee Amou	nt = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	Internal		9999999999.99	Round to nearest dollar and cents.

	0075 Peanuts
	0078 Sunflowers
	0081 Soybeans 0091 Barley
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	Edit with ADM Price, "A00810".
	Contract Price that was submitted on P11 (capped with Max Contract Price from ADM).
	Price Election Percent would equal 1.00 when Insurance Plan Code equals "03".
	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.

	Exhibit Number:	Indemnity Calculations P21-2, Plan 02 & 03 Acreage Claim P21		Re	insurance Year: Version: Release Date:	Approved		
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harve	est Price E	clusion				
	0011 Wheat	0021 Cotton	021 Cotton 0047 Dry Beans					
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorg	ghum		
	0016 Oats 0018 Rice	0043 Popcorn			0067 Dry Peas			
	0018 Rice	Field	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		
ction 2: Loss Guarantee Calculat	ion							
		Loss Guarantee Amount	P21	67	999999999.99	Round to nearest dollar and cents.		
Loss Guarantee Amount	= Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Determined Acreage P21 18 99999999.	999999999.99	None				
		Liability Adjustment Factor	P21	39	9.999999	None		
		Revenue Conversion Production to Count	P21	45	999999999.99	Round to nearest dollar and cents.		
		Production to Count Quantity	P21 39 9.9999999 P21 45 99999999.99					
Revenue Conversion Production to Count	= Production to Count Quantity * Harvest Price	Harvest Price	ADM		99999.9999	None		
ection 3: Indemnity Calculation								
Unit Deficiency Quantity	= Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	66	\$999999999.99	Round to nearest dollar and cents.		
Preliminary Indemnity Amount	= Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	69	\$999999999999	Round to whole number.		
		Insured Share Percent	P11	43	9.9999	None		
Indemnity Amount	Preliminary Indemnity Amount * Multiple Commodity	Indemnity Amount	P21	70	\$999999999999	Round to whole number.		
indefinity / thoulit	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None		
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	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. If Harvest 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.

**Rules** 

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	Edit with ICE Multiple Cropping, "D00063".

	Exhibit Number	e: Indemnity Calculations r: P21-2, Plan 02 & 03 e: Acreage Claim e: P21		Reinsurance Year: 2023 Version: Approved Release Date: 3/6/2025				
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	vest Price Exclusion					
Commodity Code       0011 Wheat         0015 Canola       0016 Oats         0018 Rice		0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorg 0067 Dry Peas			
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding		
When Stage Code equals	tection, "02", and Revenue Protection with Harvest Prio Replanted, "R", . = 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.		
		Approved Yield	P11	42	999999999.99	Otherwise, Round to 1 decima		
		Coverage Level Percent	P14	34	9.9999	None		
Guarantee Per Acre2	2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	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 decima		
		Guarantee Adjustment Factor	P11	69	0.999	None		

## **Rules**

als to	
als	Common Crop Insurance Policy 'production guarantee (per acre)'.
02	Guarantee Per Acre1 should be rounded to whole pounds for Dry Beans, "0047" (all
nal.	types), and Dry Peas, "0067" (all types).
als to	
als o 2	Guarantee Per Acre2 should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
nal.	

	Exhibit Numb	ne: Indemnity Calculations er: P21-2, Plan 02 & 03 ne: Acreage Claim de: P21		Re	einsurance Year: Version: Release Date:	Approved	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	vest Price Ex	clusion			
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn	0041 Corn 0051 Grain Sorghum				0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	
Commodity Code <u>not</u> equal Dry Bea	<u>Calculations</u> ns, "0047" or Peanuts, "0075":	<u>Name</u> Acre Stage Guarantee Amount	Number P21	<u>Number</u> 65	<u>Format</u> 99999999999.99	Round to nearest dollar and cents.	<u>Rules</u> Not used in determination of Loss Guarantee.
		Price Election Amount Maximum Replant Guarantee	P11 ICE	45	99999.999	None	Based on Projected Price or Contract Price if applicable. White (Type Code 341) and Waxy (Type Code 381) Specialty Type Corn will use the Projected Price for buyup. For CAT coverage, use the CAT price. Edit with SPOI "D00129".
Acre Stage Guarantee Amount	Lesser of: (20% of Guarantee Per Acre2 = OR Maximum Replant Guarantee Per Acre) * Price Election Amount	Per Acre 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)
Commodity Code equal Peanuts, "Of Acre Stage Guarantee Amount =	<b>075":</b> - Maximum Replant Guarantee Per Acre	Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI "D00129".

	Exhibit Number:	: Indemnity Calculations : P21-2, Plan 02 & 03 : Acreage Claim : P21		Re	einsurance Year: Version: Release Date:	Approved	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn	0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas			;hum	0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
Commodity Code equal Dry Beans, '		Acre Stage Guarantee Amount	P21	65	9999999999.99	Round to nearest dollar and cents.	Not used in determination of Loss Guarantee Amount.
		Price Election Amount	P11	45	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 as 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		999999999.99	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 36 as pounds before price. Unit of Measure "LBS", Round(Guarantee Per Acre2 * 0.10, 0).
		Insured's Actual Cost	P21	36	999999999.99		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.
Section 5: Replant Payment Loss Gu	uarantee Calculation						
Commodity Code <u>not</u> equal Dry Bea	ns, "0047" or Peanuts, "0075": Lesser of ((20% of Guarantee Per Acre2) or	Loss Guarantee Amount	P21	67	999999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amount =	Maxiumum Replant Guarantee Per Acre) * Price Election Amount * Determined Acreage * Liability	Determined Acreage	P21	18	9999999999999999	None	
	Adjustment Factor	Liability Adjustment Factor	P21	39	9.999999	None	
Commodity Code equal Dry Beans, '	Lesser of (Insured's Actual Cost or Round(10% of	Loss Guarantee Amount	P21	67	999999999.99	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	999999999.99	None	
	Determined Acreage * Liability Adjustment Factor	Liability Adjustment Factor	P21	39	9.999999	None	

	Exhib Re	nibit Name: Indemnity Calculations bit Number: P21-2, Plan 02 & 03 cord Name: Acreage Claim ecord Code: P21		Re	einsurance Year: Version: Release Date:	Approved	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Har	vest Price Ex	xclusion			
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn	0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas				0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	RecordFieldFieldNumberNumberFormatRounding				Rules
Commodity Code equal Peanuts,	"0075":	Loss Guarantee Amount	P21	67	999999999.99	Round to nearest dollar and cents.	
Loss Guarantee Amoun	t = Maximum Replant Guarantee Per Acre *	Determined Acreage	P21	18	999999999.99	None	
	Determined Acreage * Liability Adjustment	Factor Liability Adjustment Factor	P21	39	9.999999	None	
Section 6: Replant Payment Inde	mnity Calculation			1			
Indemnity Amoun	t = Loss Guarantee Amount * Insured Share Pe	Indemnity Amount ercent	P21	70	\$999999999999	Round to whole number.	
		Insured Share Percent	P11	43	9.9999	None	
Total Indemnit	y $\sum$ Indemnity Amount for the Unit	Total Indemnity	Internal		\$999999999999	Round to whole number.	
Section 7: Stage Guarantee Calcu Prevented Planting Payment for F	llation Revenue Protection, "02", and Revenue Protec	tion with Harvest Price Exclusion. "03".			<u> </u>		
When Stage Code equals:	Prevented Planting Option 2, "P2", Prevented Planting Add 5 Percent, "PF"					When Unit of Measure equals Pounds, "LBS", then Round to whole Number.	Common Crop Insurance Policy 'production guarantee (per acre)'.
Guarantee Per Acre	1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999.99	When Unit of Measure equals Tons, "Tons", then Round to 2 decimals.	Guarantee Per Acre1 should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
						Otherwise, Round to 1 decimal.	
		Approved Yield	P11	42		None	
Cottonseed Endorsement Option	"SE":	Coverage Level Percent Modified Yield	P14 Internal	34	9.9999 999999999.99	None Round to whole number.	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton P11 record.
Modified Yiel	d = Approved Yield * Option Conversion Factor	Approved Yield	P11	42	999999999.99	None	
		Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
Guarantee Per Acre	1 = Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		999999999.99	Round to whole number.	
		Coverage Level Percent	P14	34	9.9999	None	

0075 Peanuts
0078 Sunflowers
0081 Soybeans
0091 Barley

als to	Common Crop Insurance Policy 'production guarantee (per acre)'.
als o 2	Guarantee Per Acre1 should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
nal.	
	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton P11 record.
	Edit with ADM Option Rate, "A01060".

	Exhibit Number:	Indemnity Calculations P21-2, Plan 02 & 03 Acreage Claim P21		Reinsurance Year: 2023 Version: Approved Release Date: 3/6/2025				
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harvest Price Exclusion						
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn	0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas					
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding		
Guarantee Per Acro	e2 = Guarantee per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	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 decima		
		Guarantee Adjustment Factor	P11	69	0.999	None		
		Acre Stage Guarantee Amount	P21	65	9999999999.99	Round to nearest dollar and cents.		
Acre Stage Guarantee Amou	nt = Guarantee Per Acre2 * Price Election Amount	Price Election Amount	P11	45	99999.9999	None		

	Rules
als to	
als o 2	Guarantee Per Acre2 should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
nal.	
I	Common Crop Insurance Policy 'revenue protection guarantee (per acre)'. Not used in determination of Loss Guarantee.
	Based on Projected Price or Contract Price if applicable.
	White (Type Code 341) and Waxy (Type Code 381) Specialty Type Corn will use the Projected Price for buyup. For CAT coverage, use the CAT price.

	Exhibit Nar Exhibit Numb Record Nar Record Co		Reinsurance Year: 2023 Version: Approved Release Date: 3/6/2025						
Insurance Plan Code	02 Revenue Protection	otection 03 Revenue Protection with Harvest Price Exclusion							
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn		0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas					
	Calculations	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>			
Section 8: Prevented Planting Pa	yment Loss Guarantee Calculation	Name	Number	<u>Number</u>	<u>Format</u>	Rounding			
		Loss Guarantee Amount	P21	67	999999999.99	Round to nearest dollar and cents.			
Loss Guarantee Amour	nt = Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Guarantee Per Acre2	Internal		999999999.99	When Unit of Measure equal Pounds, "LBS", then Round to whole Number. When Unit of Measure equal Tons, "Tons", then Round to decimals. Otherwise, Round to 1 decim			
		Price Election Amount	P11	45	99999.9999	None			
		Determined Acreage	P21	18	999999999.99	None			
		Liability Adjustment Factor	P21	39	9.999999	None			

	Rules
t	
als to	Guarantee Per Acre2 should be rounded to
als o 2 nal.	whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
	Based on Projected Price or Contract Price if applicable.
	White (Type Code 341) and Waxy (Type Code 381) Specialty Type Corn will use the Projected Price for buyup. For CAT coverage, use the CAT price.

	Exhibit Number:	Indemnity Calculations P21-2, Plan 02 & 03 Acreage Claim P21		Re	einsurance Year: Version: Release Date:	Approved		
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	3 Revenue Protection with Harvest Price Exclusion					
<u>Commodity Code</u>		0021 Cotton 0041 Corn 0043 Popcorn	0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas					
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules	
Section 9: Prevented Planting Pa								
Preliminary Indemnity Amour	nt = Loss Guarantee Amount * Insured Share Percent	Preliminary Indemnity Amount	P21	69	\$99999999999	Round to whole number.		
		Insured Share Percent	P11	43	9.9999	None		
Preliminary Indemnity Amount * Multiple Commodity		Indemnity Amount	P21	70	\$99999999999	Round to whole number.		
Indemnity Amour	nt = Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".	
Total Indemnit	ty $\Sigma$ Indemnity Amount for the Unit	Total Indemnity	Internal		\$99999999999	Round to whole number.		
Section 10: Stage Guarantee Cal Malting Barley Price and Quality								
	e1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		9999999999.9	Round to nearest whole pounds, nearest hundreth for tonage commodities, or nearest tenths for other units of measure.	Common Crop Insurance Policy 'production guarantee (per acre)'.	
		Approved Yield	P11	42	999999999.99	None		
		Coverage Level Percent	P14	34	9.9999	None		
Guarantee Per Acre	e2 = 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	69	0.999	None		

	Exhibit Numb	ne: Indemnity Calculations er: P21-2, Plan 02 & 03 ne: Acreage Claim de: P21		Re	einsurance Year: Version: Release Date:	: Approved	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	vest Price Ex	clusion			
	0011 Wheat	0021 Cotton	0047 Dry Beans				0075 Peanuts
Commodity Code	0015 Canola	0041 Corn	0051 Grain Sorghum				0078 Sunflowers
	0016 Oats	0043 Popcorn	0067 Dry Peas				0081 Soybeans
	0018 Rice						0091 Barley
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	Field Rounding	Rules
			<u></u>	<u></u>	<u></u>		
		ME Harvest Price	Internal		9999.9999	Round to 4 decimals.	
ME Harvest Price = Harvest Price + (Contract Price - Projected Price)		Contract Price	P11	46	9999.9999	None	The Contract Price (ME Projected Price) that was submitted on P11 (capped by the Max Contract Price from ADM) and used to calculate the premium.
		Projected Price	ADM		99999.9999	None	The ADM published value with no additional calculations performed. Denoted in Price ADM as barley projected price with ME option.
		Harvest Price	ADM		99999.9999	None	The ADM published value with no additiona calculations performed. Denoted in Price ADM as barley harvest price with ME option
When the Insurance Plan Code is	02, Revenue Protection:		•				•
	MAX(Contract Price, ME Harvest Price) * Price election Percent	Price Election Amount	Internal		9999.9999	Round to 4 decimals.	
Price Election Amoun		Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code equals "02".
When the Insurance Plan Code is	03, Revenue Protection Harvest Price Exclusion:						
		Price Election Amount	Internal		9999.9999	Round to 4 decimals.	
Price Election Amoun	Amount = Contract Price * Price Election Percent	Contract Price	P11	46	9999.9999	None	The Contract Price (ME Projected Price) that was submitted on P11 (capped with Max Contract Price from ADM) and used to calculate the premium.
		Price Election Percent	ICE		9.9999	None	
Acre Stage Guarantee Amoun	nt = Guarantee Per Acre2 * Price Election Amount	Acre Stage Guarantee Amount	P21	65	9999999999.99	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	45	99999.9999	None	

Ň	The Contract Price (ME Projected Price) that was submitted on P11 (capped by the Max Contract Price from ADM) and used to calculate the premium.
0	The ADM published value with no additional calculations performed. Denoted in Price ADM as barley projected price with ME option.
C	The ADM published value with no additional calculations performed. Denoted in Price ADM as barley harvest price with ME option.

P	Price Election Percent would equal 1.00 when Insurance Plan Code equals "02".

		-		Re	einsurance Year: Version: Release Date:	Approved	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Harv	est Price Ex	clusion			
<u>Commodity Code</u>	0015 Canola	0021 Cotton 0041 Corn 0043 Popcorn	Corn 0051 Grain Sorghum				0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	
	<u>Calculations</u>	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	Rules
Section 11: Malting Barley Loss Gua	arantee Calculation						1
Loss Guarantee Amount =	Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	67	999999999.99	Round to nearest dollar and cents.	
		Determined Acreage	P21	18	999999999.99	None	
		Liability Adjustment Factor	P21	39	9.999999	None	
	= MAX(Production to Count Quantity * ME Harvest Price,0)	Revenue Conversion Production To Count	P21	45	999999999.99	Round to nearest dollar and cents.	Cannot equal less than 0.
Revenue Conversion Production		Production to Count Quantity	P21	34	999999999.99	None	
To Count		ME Harvest Price	Internal		9999.9999		If the Harvest Price has not been released, the Contract Price can be used for validation of Revenue to Count.
Section 12: Malting Barley Indemni	ty Calculation						
Unit Deficiency Quantity =	Loss Guarantee Amount – Revenue Conversion Production to Count	Unit Deficiency Quantity	P21	66	\$999999999.99	Round to nearest dollar and cents.	
Preliminary Indemnity Amount	=Unit Deficiency Quantity * Insured Share Percent	Preliminary Indemnity Amount	P21	69	\$99999999999	Round to whole number.	
		Insured Share Percent	P11	43	9.9999	None	
	= Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	70	\$99999999999	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		\$99999999999	Round to whole number.	

		Exhibit Name: Indemnity Calculations Exhibit Number: P21-2, Plan 02 & 03 Record Name: Acreage Claim Record Code: P21		R	einsurance Year: Version: Release Date:	Approved	
Insurance Plan Code	02 Revenue Protection	03 Revenue Protection with Har	rvest Price Ex	clusion			
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn	0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas			0075 Peanuts 0078 Sunflowers 0081 Soybeans 0091 Barley	
	<u>Calculations</u>	<u>Field</u> Name	<u>Record</u> <u>Number</u>	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
Downed Rice Payment, option "DC	", for Revenue Protection, "02", and Re	venue Protection with Harvest Price Exclusion, "(	03", Stage Co	ode = "DQ	. <b>"</b> .		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						
	= Reported Acreage * 10%	Insured Acreage10	Internal		999999999.99	Round to 1 decimal.	
Insured Acreage10		Reported Acreage	P11	48	99999999.99	None	Summed P11 DRE reported acreage for the unit.
Insured Acreage50	= Reported Acreage * 50%	Insured Acreage50	Internal		999999999.99	Round to 1 decimal.	Summed D11 DDE reported across for the
insureu Acreagesu		Reported Acreage	P11	48	99999999.99	None	Summed P11 DRE reported acreage for the unit.
Determined Acreage	= Harvested Downed Rice Acreage	Determined Acreage	P21	18	999999999.99	None	Harvested Downed Rice Acreage for the unit.
Payable Downed Rice Acreage	With deductible: round(Determined Insured Acreage10,1) * 1.25 = OR Without deductible: Determined Acr	Payable Downed Rice Acreage	Internal		999999999.99	Round to 1 decimal.	This will be the determined payable downed rice acres for the unit.
Loss Guarantee Amount		Loss Guarantee Amount	P21	67	999999999.99	Round to nearest dollar and cents.	
	Payable Downed Rice Acreage * Harvest Expense = Amount * Price Election Percent * Liability Adjustment Factor		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	
Section 14: Downed Rice Payment	Indemnity Calculation						
Indemnity Amount = Loss Guarantee Amount * Insured Share		Indemnity Amount	P21	70	\$99999999999	Round to whole number.	
indemnity Amount	. – Loss Guarantee Amount ** Insured Shar		D11	43	9.9999	None	
Indemnity Amount		Insured Share Percent	P11	40	5.5555		