

Crop and Livestock Income Protection (CLIP)						
<u>Commodity Code</u>	0011 Wheat	0031 Flax	0051 Grain Sorghum	0081 Soybeans		
	0015 Canola	0041 Corn	0067 Dry Peas	0091 Barley		
	0016 Oats	0043 Popcorn	0075 Peanuts	0094 Rye		
	0018 Rice	0047 Dry Beans	0078 Sunflowers	0805 Weaned Calves		
	0021 Cotton					
<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Section 1: Stage Guarantee Calculation						
When Commodity Code is NOT "0805" Weaned Calves						
Guarantee Per Acre1 = ROUND(Approved Yield * Max(0, Coverage Level Percent - Underlying/Base Coverage Level Percent), see rules)	Guarantee Per Acre1	Internal		99999999.99	See rules	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)". Guarantee Per Acre1 should be rounded to whole pounds for Dry Beans "0047" (all types), and Dry Peas "0067" (all types).
	Approved Yield	P11	42	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	Use the Coverage Level Percent for both CLIP and Underlying/Base .
Guarantee Per Acre2 = ROUND(Guarantee Per Acre1 * Guarantee Adjustment Factor, see rules)	Guarantee Per Acre2	Internal		99999999.99	See rules	Guarantee Per Acre2 should be rounded to whole pounds for Dry Beans "0047" (all types), and Dry Peas "0067" (all types).
	Guarantee Adjustment Factor	P11	69	0.999	None	

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Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Underlying/Base Guarantee Per Acre1 = ROUND(Approved Yield * Underlying/Base Coverage Level Percent), see rules)	Guarantee Per Acre1	Internal		99999999.99	See rules	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). Guarantee Per Acre1 should be rounded to whole pounds for Dry Beans "0047" (all types), and Dry Peas "0067" (all types).
	Approved Yield	P11	42	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	Use the Coverage Level Percent for both CLIP and Underlying/Base .
Underlying/Base Guarantee Per Acre2 = ROUND(Underlying/Base Guarantee Per Acre1 * Guarantee Adjustment Factor, see rules)	Guarantee Per Acre2	Internal		99999999.99	See rules	Guarantee Per Acre2 should be rounded to whole pounds for Dry Beans "0047" (all types), and Dry Peas "0067" (all types).
	Guarantee Adjustment Factor	P11	69	0.999	None	

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Price Election Amount Calculation						
Price Election Amount = MAX(Projected Price, Harvest Price)	Price Election Amount	Internal		9999.9999	See Rules	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]. When Commodity Code equals Popcorn "0043", Dry Beans "0047", or Dry Peas "0067"; round to nearest one-hundredth cent [\$9.9999].
	Projected Price	ADM		99999.9999	None	Edit with Revenue Protection: "02" ADM Price, "A00810".
	Harvest Price	ADM		99999.9999	None	Edit with Revenue Protection: "02" ADM Price, "A00810".

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<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Revenue Protection "02", Price Election Amount Calculation when a contract price is submitted						
Adjusted Harvest Price = [(Contract Price - Projected Price) + Harvest Price]	Adjusted Harvest Price	Internal		99999.9999	None	
	Contract Price	P11	46	9999.9999	None	Use the Contract Price on the <i>Underlying/Base</i> policy.
Price Election Amount = MAX(Adjusted Harvest Price, Contract Price)	Price Election Amount	Internal		9999.9999	See rules	When the result is based on a Contract Price for specialty types Corn, Soybeans, or Barley; round to nearest one hundredth cent [\$9.9999]. When the result is based on a Contract Price for specialty 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-hundredth cent [\$9.9999].

Exhibit Name: Indemnity Calculations
Exhibit Number: P21-21, Plan 77
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2027
Version: Draft
Release Date: 9/10/2026

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<u>Commodity Code</u>	0011 Wheat	0031 Flax	0051 Grain Sorghum	0081 Soybeans
	0015 Canola	0041 Corn	0067 Dry Peas	0091 Barley
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<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
When Commodity Code is "0805" Weaned Calves						
Guarantee Per Head1 = $\text{ROUND}(\text{Approved Yield} * \text{Max}(0, \text{Coverage Level Percent} - \text{Underlying/Base Coverage Level Percent}), \text{see rules})$	Guarantee Per Head1	Internal		99999999.99	See rules	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 Per Head1 should be rounded to whole pounds for "0805" Weaned Calves.
	Approved Yield	P11	42	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	Use the Coverage Level Percent for both <i>CLIP</i> and <i>Underlying/Base</i> .
Guarantee Per Head2 = $\text{ROUND}(\text{Guarantee Per Head1} * \text{Guarantee Adjustment Factor}, \text{see rules})$	Guarantee Per Head2	Internal		99999999.99	See rules	If Unit of Measure equals Pounds "LBS", then round to whole number; otherwise round to 1 decimal. Guarantee Per Head2 should be rounded to whole pounds for "0805" Weaned Calves.
	Guarantee Adjustment Factor	P11	69	0.999	None	
<i>Underlying/Base</i> Guarantee Per Head1 = $\text{ROUND}(\text{Approved Yield} * \text{Underlying/Base Coverage Level Percent}), \text{see rules})$	Guarantee Per Head1	Internal		99999999.99	If Unit of Measure equals Pounds "LBS", then round to whole number.	Guarantee Per Head1 should be rounded to whole pounds for "0805" Weaned Calves.
	Approved Yield	P11	42	99999999.99	None	Approved Yield must be in whole pounds when Commodity Code equals "0805" Weaned Calves.
	Coverage Level Percent	P14	34	9.9999	None	Use the Coverage Level Percent for both <i>CLIP</i> and <i>Underlying/Base</i> .
<i>Underlying/Base</i> Guarantee Per Head2 = $\text{ROUND}(\text{Underlying/Base Guarantee Per Head1} * \text{Guarantee Adjustment Factor}, \text{see rules})$	Guarantee Per Head2	Internal		99999999.99	If Unit of Measure equals Pounds "LBS", then round to whole number.	Guarantee Per Head2 should be rounded to whole pounds for "0805" Weaned Calves.
	Guarantee Adjustment Factor	P11	69	0.999	None	

Exhibit Name: Indemnity Calculations
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Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2027
Version: Draft
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Crop and Livestock Income Protection (CLIP)						
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice 0021 Cotton	0031 Flax 0041 Corn 0043 Popcorn 0047 Dry Beans	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Formulated Producer Projected Price = Projected Price * (1+Projected Price Adjustment Factor * (650-MAX(200, MIN(750, Approved Yield))))	Formulated Producer Projected Price	Internal		9.9999		
	Projected Price	ADM		99999.9999		Edit with Revenue Protection: "02" ADM Price, "A00810".
	Projected Price Adjustment Factor	ADM		9.9999	None	Edit with Revenue Protection: "02" ADM Price, "A00810".
	Approved Yield	P11	42	99999999.99		Approved Yield must be in whole pounds when Commodity Code equals "0805" Weaned Calves.
Formulated Producer Harvest Price = Harvest Price * (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Approved Yield))))	Formulated Producer Harvest Price	Internal		9.9999		
	Harvest Price	ADM		99999.9999		Edit with Revenue Protection: "02" ADM Price, "A00810".
	Harvest Price Adjustment Factor	ADM		9.9999	None	Edit with Revenue Protection: "02" ADM Price, "A00810".
	Approved Yield	P11	42	99999999.99		Approved Yield must be in whole pounds when Commodity Code equals "0805" Weaned Calves.
Price Election Amount = Max(Formulated Producer Projected Price, Formulated Producer Harvest Price)	Price Election Amount	Internal		9999.999	When Commodity Code equals "0805" Weaned Calves, then round to nearest whole cent [\$9.99].	
	Formulated Producer Projected Price	Internal		99999.9999	None	
	Harvest Price	Internal		99999.9999	None	
Section 2: Loss Guarantee Calculation						
Loss Guarantee Amount Calculation when Commodity Code is NOT "0805" Weaned Calves						
<i>Underlying/Base</i> Loss Guarantee Amount = ROUND(<i>Underlying/Base</i> Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor,2)	Loss Guarantee Amount	Internal		99999999.99	Round to 2 decimals.	
	Determined Acreage	P21	18	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
Loss Guarantee Amount = ROUND(Guarantee Per Acre2 * Price Election Amount * Determined Acreage * Liability Adjustment Factor,2)	Loss Guarantee Amount	P21	69	99999999.99	Round to 2 decimals.	
	Determined Acreage	P21	18	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	

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	0021 Cotton						
<u>Calculations</u>		<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
Loss Guarantee Amount Calculation when Commodity Code is "0805" Weaned Calves							
<i>Underlying/Base</i> Loss Guarantee Amount =	ROUND(<i>Underlying/Base</i> Guarantee Per Head2 * Price Election Amount * Determined Head Count * Liability Adjustment Factor,2)	Loss Guarantee Amount	P21	69	99999999.99	Round to 2 decimals.	
		Determined Acreage	P21	18	99999999.99	None	
		Liability Adjustment Factor	P21	39	9.999999	None	
Loss Guarantee Amount =	ROUND(Guarantee Per Head2 * Price Election Amount * Determined Head Count * Liability Adjustment Factor,2)	Loss Guarantee Amount	P21	69	99999999.99	Round to 2 decimals.	
		Determined Head Count	P21	18	99999999.99	None	
		Liability Adjustment Factor	P21	39	9.999999	None	
Revenue Conversion Production to Count Calculation when Commodity Code is NOT "0805" Weaned Calves							
Revenue Conversion Production to Count =	ROUND(MAX(0, Production to Count Quantity * Harvest Price - <i>Underlying/Base</i> Loss Guarantee Amount),2)	Revenue Conversion Production to Count	P21	45	99999999.99	Round to 2 decimals.	
		Production to Count Quantity	P21	34	99999999.99		
		<i>Underlying/Base</i> Loss Guarantee Amount	P21	69	99999999.99	Round to 2 decimals.	
		Harvest Price	ADM		99999.9999	None	Edit with Revenue Protection: "02" ADM Price, "A00810". 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.

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Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Revenue Conversion Production to Count Calculation when Commodity Code is "0805" Weaned Calves						
Revenue Conversion Production to Count = ROUND(MAX(0, Production to Count Quantity * Harvest Price * (1+Harvest Price Adjustment Factor * (650-MAX(200, MIN(750, Production to Count Quantity/Determined Head Count)))) - Underlying/Base Loss Guarantee Amount),2)	Revenue Conversion Production to Count	P21	45	99999999.99	Round to 2 decimals.	
	Production to Count Quantity	P21	34	99999999.99		
	Price Election Amount	Internal		9999.9999		
	Underlying/Base Loss Guarantee Amount	P21	69	99999999.99	Round to 2 decimals.	
	Harvest Price	ADM		99999.9999	None	Edit with Revenue Protection: "02" ADM Price, "A00810".
	Harvest Price Adjustment Factor	ADM		9.9999	None	Edit with Revenue Protection: "02" ADM Price, "A00810".
	Determined Head Count	P21	18	99999999.99	None	
Section 3: Indemnity Calculation						
Preliminary Indemnity Amount = ROUND((Loss Guarantee Amount - Revenue Conversion Production to Count) * Insured Share Percent),0)	Preliminary Indemnity Amount	P21	71	9999999999	Round to whole number.	
	Loss Guarantee Amount	P21	69	99999999.99	Round to 2 decimals.	
	Revenue Conversion Production to Count	P21	45	99999999.99	Round to 2 decimals.	
	Insured Share Percent	P11	43	9.9999	None	Use the Insured Share on the Underlying/Base policy.
Indemnity Amount = ROUND(Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor,0)	Indemnity Amount	P21	72	9999999999	Round to whole number.	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063"
Across all Commodities and units insured under CLIP						
Total Indemnity = ROUND(Σ (Indemnity Amount),0)	Total Indemnity	Internal		9999999999	Round to whole number.	Sum across all commodities. Total Indemnity for the Unit cannot be zero or negative when Insurance Plan Code is "77".