

Reinsurance Year: 2027
Version: Draft
Release Date: 7/23/2026

<u>Insurance Plan Code</u>	87 ECO Yield Protection	88 ECO Revenue Protection	89 ECO Revenue Protection with Harvest Price Exclusion	
	0011 Wheat	0036 Prunes	0059 Silage Sorghum	0102 Grass Seed
	0012 Blueberries	0038 Sugarcane	0062 Hybrid Corn Seed	0107 Alfalfa Seed
	0013 Onions	0039 Sugar Beets	0064 Green Peas	0114 Buckwheat
	0015 Canola	0041 Corn	0067 Dry Peas	0132 Cucumbers
	0016 Oats	0042 Sweet Corn	0069 Mustard	0147 pumpkins
	0017 Millet	0043 Popcorn	0074 Mint	0229 Flue Cured Tobacco
<u>Commodity Code</u>	0018 Rice	0046 Processing Beans	0075 Peanuts	0230 Fire Cured Tobacco
	0021 Cotton	0047 Dry Beans	0078 Sunflowers	0231 Burley Tobacco
	0022 Cotton Ex Long Staple	0049 Safflower	0080 Hybrid Seed Rice	0233 Dark Air Tobacco
	0028 Almonds	0050 Hybrid Sorghum Seed	0081 Soybeans	0235 Cigar Binder Tobacco
	0029 Walnuts	0051 Grain Sorghum	0084 Potatoes	0396 Sesame
	0031 Flax	0053 Grapes	0087 Tomatoes	
	0033 Forage Production	0054 Apples	0091 Barley	
	0034 Peaches	0055 Cultivated Wild Rice	0094 Rye	

<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: Liability						
When the Harvest Price is greater than the Projected Price re-calculate the Liability for ECO Revenue Protection, Plan "88" Liability = ROUND(Liability Amount / Projected Price or Contract Price) * Harvest Price	Liability	Internal		9999999999	Round to whole number.	The Liability needs to be re-calculated once the Harvest Price Information is released in the ADM Price, "A00810" table.
	Liability Amount	P11	101	9999999999		The Liability Amount is pulled from the base/underlying policy.
	Projected Price	ADM		99999.9999		Edit with ADM Price, "A00810". AFTER dividing the Liability Amount by the Projected Price, when using the Projected Price is applicable, following this rounding: lbs to 0 tons to 2 all others to 1
	Contract Price	P11	46	99999.9999		AFTER dividing the Liability Amount by the Projected Price, when using the Projected Price is applicable, following this rounding: lbs to 0 tons to 2 all others to 1

Exhibit Name: Indemnity Calculations Exhibit Number: P21-16, Plan 87, 88, 89 Record Name: Acreage Claim Record Code: P21 Reinsurance Year: 2027 Version: Draft Release Date: 7/23/2026						
Enhanced Coverage Option Endorsement (ECO)						
Insurance Plan Code	87 ECO Yield Protection		88 ECO Revenue Protection		89 ECO Revenue Protection with Harvest Price Exclusion	
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Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding
		Harvest Price	ADM		99999.9999	None
When a Contract Price exists:						
Adjusted Harvest Price = $\frac{[(\text{Contract Price} - \text{Projected Price}) + \text{Harvest Price}]}{\text{Price}}$		Adjusted Harvest Price	Internal		99999.9999	None
Price Election Amount = $\frac{\text{MAX}(\text{Adjusted Harvest Price}, \text{Contract Price}) * \text{Price Election Percent}}{\text{Price Election Percent}}$		Price Election Amount	Internal		9999.9999	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 specialty types Corn, Soybeans, or Barley; round to nearest 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 specialty type Canola; round to nearest one hundredth cent (\$9.9999). When Commodity Code equals Popcorn "0043", Dry Beans "0047", or Dry Peas "0067"; round to nearest one hundreth cent (\$9.9999).

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Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
	Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".
	Contract Price	P11	46	9999.9999	None	Contract Price that was submitted on the "P11" (capped with Max Contract Price from ADM).
	Price Election Percent	ICE		9.9999	None	Price Election Percent would equal 1.00 when Insurance Plan Code equals "03".
Section 2: Loss Guarantee Calculation						
Use existing Liability Amount for ECO Yield Protection, Plan "87" and ECO Revenue Protection with Harvest Price Exclusion, Plan "89"	Loss Guarantee Amount	P21	64	99999999.99	Round to whole number.	
Loss Gurantee Amount = Liability Amount	Liability Amount	P11	101	9999999999	Round to whole number.	
Section 3: Indemnity Calculation						
Preliminary Indemnity Amount = Loss Guarantee Amount * Payment Factor	Preliminary Indemnity Amount	P21	66	S9999999999		If "P11" AIP Acreage Key has reference to Short Rate, "SR", in the Insurance Option Code List field then an indemnity is not available.
	Payment Factor	ADM		9.999	None	Edit with ADM Area Coverage Level, "A01130". If ECO elected for underlying Cottonseed Option "SE" then use payment factor for that option.
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	67	S9999999999	Round to whole number.	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".