	ı	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11	Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	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>
Section 1: Liability Calcula	tion					•	
		Premium Guarantee Per Acre Amount	Internal		9999999999999999999	If Unit of Measure equals Pounds "LBS", then round to whole number. If Unit of Measure equals Tons "TONS", then round to 2 decimals. Otherwise, round to 1 decimal.	Common Crop Insurance Policy definition 'production guarantee (per acre)'. Premium Guarantee Per Acre Amount should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
Premium Guarantee Per Acre Amount = Approved Yield * Coverage Level Percent	Approved Yield	P11	42	9999999.99	None	For APH Trend Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.	
		Coverage Level Percent	P14	34	9.9999	None	For APH Trend, Quality Loss, and Yield Exclusion the Coverage Level Percent in this section is ALWAYS the chosen coverage level and NOT the Effective Coverage Level.

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2025

Version: Approved

	Record Name:	Version: Approved								
	Record Code: P11					Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion			
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans			
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley			
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye			
	0018 Rice	0047 Dry Beans			0078 Sunflowers	1	0805 Weaned Calves			
	<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>			
Guarantee Per Acre Amount		Guarantee Per Acre Amount	Internal		999999999.99	If Unit of Measure equals Pounds "LBS", then round to whole number. If Unit of Measure equals Tons "TONS", then round to 2 decimals. Otherwise, round to 1 decimals.	Guarantee Per Acre Amount 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	Edit with the Guarantee Adjustment ICE, "D00068" or ADM Guarantee Adjustment, "A01220" for Preventing Planting.			
Price Election Amount	= Projected Price (or Contract Price) * Price Election Percent	Price Election Amount	Internal		9999.9999	When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans "00081", Oats "0016", Rye "0094", or Wheat "0011"; round to nearest whole cent [\$9.99]. If result is based on Contract Price round to nearest one hundredth cent (\$9.9999).				

Fyhihit Number: P11-1 Plan 01 02 02

Painsurance Vear: 2025

Insurance Plan Code Commodity Code	Exhibit Number: Record Name: Record Code: 01 Yield Protection 0011 Wheat 0015 Canola 0016 Oats 0018 Rice	=			Release Date: 0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	Approved		
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>	
Price Election Amount (contintued)	= Projected Price (or Contract Price) * Price Election Percent	Price Election Amount (continued)	Internal		9999.9999	When Commodity Code equals Canola, "0015", Rice, "0018", Sunflowers, "0078"; round to nearest one- tenth cent [\$9.999]. If result is based on Contract Price 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- hundredth cent [\$9.9999].		
		Projected Price	ADM		99999.9999		Liability for Yield Protection, "01" allows the producer the opportunity to choose a percentage of the Projected Price. Liability for Revenue Protection, "02", or Revenue Protection with Harvest Price Exclusion, "03", requires the producer to choose 100 percent of the Projected Price. Edit with ADM Price, "00810".	

Fyhihit Number: P11-1 Plan 01 02 02

	Exhibit Number: Record Name:	: P11-1, Plan 01, 02, 03 : Acreage	Reinsurance Year: 2025 Version: Approved							
	Record Code:	: P11		Release Date: 6/27/2024						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection	ue Protection 03 Revenue Protection with Harvest Price Exclusion							
Commodity Code	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 0094 Rye 0805 Weaned Calves			
	Calculations	Field Name	<u>Record</u> Number	<u>Field</u> Number	Field Format	<u>Field</u> Rounding	Rules			
Price Election Amount (continued)	= Projected Price (or Contract Price) * Price Election Percent	Contract Price	P11	46	9999.9999	None	For Yield Protection, "01", Contract Price may be used in lieu of the Projected Price for Dry Beans, Dry Peas, specialty types of Canola, Corn, Soybean or Barley. For Revenue Protection, "02", or Revenue Protection with Harvest Price Exclusion, "03", Contract Price may be used in lieu of the Projected Price for Dry Beans, Dry Peas, or specialty types of Canola, Corn or Soybeans. If the insured chooses to use the contract price, the contract price per bushel should be entered in the contract price field. The contracted price will be capped by RMA at a certain percentage over the projected price for Canola, Corn, Soybean and Barley as specified in the Special Provisions.			
		Price Election Percent	ICE		9.9999	None	Price Election Percent must equal 1.000, when Insurance Plan Code is Revenue Protection, "02", or Revenue Protection with Harvest Price Exclusion, "03". Edit with ICE Price Election Percent, "D00007".			
Premium Total Guarantee	Premium Guarantee Per Acre Amount * Price Election	Premium Total Guarantee Amount	Internal		99999999.99	Round to 2 decimals.				
Amount	Amount * Reported Acreage	Price Election Amount Reported Acreage	Internal P11	48	9999.9999	None None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.			
	Currentee Der Aere Amount * Seine Fleetien Americh *	Total Guarantee Amount	P11	103	99999999.99	Round to 2 decimals.				
Total Guarantee Amount	Guarantee Per Acre Amount * Price Election Amount *	Price Election Amount	Internal		9999.9999	None				
	Reported Acreage	Reported Acreage	P11	48	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.			

	Exhibit Number Record Name Record Code	r: 2025 n: Approved e: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record	Field	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	Field	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	Name	Number	<u>Number</u>	<u>Format</u>	Rounding	Rules
Premium Liability Amount =	= Premium Total Guarantee Amount * Insured Share Percent	Premium Liability Amount	Internal		999999999	Round to whole number.	
		Insured Share Percent	P11	43	9.9999	None	
Liability Amount =	Liability Amount = Total Guarantee Amount * Insured Share Percent		P11	94	999999999	Round to whole number.	
Liability Amount -	- Total Guarantee Amount Insured Share Percent	Insured Share Percent	P11	43	9.9999	None	
Section 2: Unit Discount Cal							The appropriate discount factor should be looked up and applied.
When commodities are set	up in the unit discount table for lookups based solely on ac	es.					
= Revenue Lookup	When the Unit Structure Code is Optional Unit, "OU", "UA", "UD", Basic Unit, "BU", or Enterprise Unit, "EU": Unit Structure Discount Factor	Revenue Lookup Adjustment Factor	Internal		9.9999999	None	
Adjustment Factor	When the Unit Structure Code is Whole Farm Unit "WU": Unit Structure Discount Factor for Enterprise Unit"EU"	Unit Structure Discount Factor	Internal		9.9999999	None	Capped at 1.0 From below for Unit Structures "OU, UA, UD, BU, EU".

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name Record Code	•		Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion		
Commodity Code	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 0094 Rye 0805 Weaned Calves		
	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		
-	When the Unit Structure Code is Optional Unit, "OU", "UA", or "UD":	Unit Structure Discount Factor	Internal		9.99999999	None	capped at 1.0		
	Optional Unit Discount Factor	Optional Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090".		
	When Unit Structure Code is Basic Unit, "BU":	Basic Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090".		
-	Basic Unit Discount Factor	Basic Offic Discount Factor	ADIVI		9.999	None	Edit With ADM Offit Discount, A01090 .		
Unit Structure Discount Factor	When the Unit Structure Code is Enterprise Unit, "EU": Enterprise Unit Discount Factor	Enterprise Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090". Enterprise Units will now mandate that all insured acreage for a commodity will be included in the Enterprise Unit. This includes both fall and spring planted acreage. Enterprise Unit Discount Factor is contingent upon the sum of the reported acres which wernot prevented from planting for all applicable units being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Un Discount, "A01090". Unit is not eligible as an enterprise unit if summed planted acres are le than 20 acres or 20% of insured crop acreage.		

Insurance Plan Code	Exhibit Name Exhibit Number Record Name Record Code 01 Yield Protection	Version	Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024 03 Revenue Protection with Harvest Price Exclusion				
<u>Commodity Code</u>	0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans		0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	<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	Rules
When commodities are se	tup in the unit discount table for lookups based on acres <u>an</u>	<u>i</u> coverage levels.					
	When the Unit Structure Code is Optional Unit, "OU", "UA", or "UD":	Revenue Lookup Adjustment Factor	Internal		9.9999999	None	
	Unit Structure Discount Factor	Unit Structure Discount Factor	Internal		9.9999999	None	Capped at 1.0 From below for Unit Structure "OU", "UA", or "UD".
Revenue Lookup Adjustment Factor	When Unit Structure Code is Basic Unit, "BU": Basic Unit Discount Factor for 65% Coverage Level	Basic Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090" for 655 Coverage Level. Basic Unit Discount Factor is contingent upon the sum of the reported acres which were not prevented from planting for the unit being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Unit Discount, "A01090" for 65% Coverage Level.
	When the Unit Structure Code is Enterprise Unit, "EU" or Whole Farm Unit "WU": Enterprise Unit Discount Factor for 65% Coverage Level	Enterprise Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090" for 659 Coverage Level. Enterprise Unit Discount Factor is contingent upon the sum of the reported acres which wer not prevented from planting for all applicable units being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Un Discount, "A01090" for 65% Coverage Level.

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name	Record Name: Acreage Record Code: P11 02 Revenue Protection			Reinsurance Yea Versio Release Dat		
Insurance Plan Code	01 Yield Protection					03 Revenue Protect	ection with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field		0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	Field	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Name</u>	Record Number	<u>Number</u>	<u>Field</u> <u>Format</u>	Rounding	<u>Rules</u>
	When the Unit Structure Code is Optional Unit, "OU", "UA", or "UD":	Unit Structure Discount Factor	Internal		9.9999999	None	Capped at 1.0 See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss).
	Optional Unit Discount Factor	Optional Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090". See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), "QL" (Quality Loss).
Unit Structure Discount Factor	When Unit Structure Code is Basic Unit, "BU": Basic Unit Discount Factor	Basic Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090" by Coverage Level. Basic Unit Discount Factor is contingent upon the sum of the reported acres which were not prevented from planting for the unit being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Unit Discount, "A01090" for Coverage Level. See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss Option).

	Exhibit Numbe	Name: Premium Calculation umber: P11-1, Plan 01, 02, 03 Name: Acreage d Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice Calculations	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field Name	Record Number	<u>Field</u> Number	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field Format	<u>Field</u> Rounding	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
Factor =	When the Unit Structure Code is Enterprise Unit, "EU":	Enterprise Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090" by Coverage Level. Enterprise Units will now mandate that all insured acreage for a commodity will be included in the Enterprise Unit. This includes both fall and spring planted acreage. Enterprise Unit Discount Factor is contingent upon the sum of the reported acres which were not prevented from planting for all applicable units being greater than or equal to the Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Unit Discount, "A01090" for Coverage Level. Unit is not eligible as an enterprise unit if summed planted acres are less than 20 acres or 20% of insured crop acreage. See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss).		

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

		Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year Versior Release Date			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	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 0094 Rye 0805 Weaned Calves	
	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	
Section 3: Base Premium F	Rate Calculation						If Written Agreement is applicable make the necessary changes as provided by the agreement and ROE ADM.	
		Current Year Yield Ratio	Internal		9.9999	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.	
Current Year Yield Ratio	Current Year Yield Ratio = Rate Yield / Reference Amount		P15	35	99999999.99	None	For skip row commodities, the rate yield is the converted rate yield from the P15 record with skip row (yield conversion factor) applied.	
		Reference Yield	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".	
When previous year yield equals Spring Contract "98	•	Code List contains Yield Cup (YC), and Commodity	Code Dry Bear	ns "0047" and	d Type Code equals Contra	ct "62", or Commodity	Code equals Dry Peas "0067" and Type Code	
		Prior Year Yield Ratio	Internal		999999.99	Round to 2 decimals.		
	Round(Approved Yield * Contract Price	e,0) / Prior Year Approved Yield	P11	42	9999999.99	None		
Prior Year Yield Ratio	Reference Amount	Contract Price	P11	46	9999.9999	None		
		Prior year Reference Amount	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".	
When previous year yield	limitation code = '03' and Insurance Opt	ion Code List contains Yield Cup (YC) and the afore	mentioned co	mmodities/t	ypes are not applicable:			
		Prior Year Yield Ration	Internal		9.9999	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.	
Prior Year Yield Ratio	= Approved Yield / Prior Year Reference	Amount Approved Yield	P11	42	99999999.99	None	For skip row commodities, the rate yield is the converted rate yield from the P15 record with skip row (yield conversion factor) applied.	
		Prior Year Reference Amount	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".	

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name:	P11-1, PldN U1, U2, U3	Version: Approved						
	Record Code: P11								
Insurance Plan Code	01 Yield Protection	02 Revenue Protection			Release Date:		n with Harvest Price Exclusion		
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans		
Commodity Code	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		
	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>		
Otherwise:			•	•					
		Prior Year Yield Ratio	Internal		9.9999	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.		
Prior Year Yield Ratio	= Rate Yield / Prior Year Reference Amount	Rate Yield	P15	35	99999999.99	None	For skip row commodities, the rate yield is the converted rate yield from the P15 record with skip row (yield conversion factor) applied.		
			ADM		99999.99	None	Edit with ADM Base Rate, "A01010".		
Current Year Rate	= Current Year Yield Ratio ^ Exponent Value	Current Year Rate Multiplier	Internal		9999.99999999	Round to 8 decimals.			
Multiplier	·	Exponent Value	ADM		\$99.999	None	Edit with ADM Base Rate, "A01010".		
Prior Year Rate Multiplier	= Prior Year Yield Ratio ^ Prior Year Exponent Value	Prior Year Rate Multiplier	Internal		9999.99999999	Round to 8 decimals.			
	·	Prior Year Exponent Value	ADM		\$99.999	None	Edit with ADM Base Rate, "A01010".		
	When Rate Method Code is Fixed, "F":	Current Year Base Rate	Internal		9999999999999999999999	Round to 8 decimals.			
	Sub County Rate	Sub County Rate	ADM		99.9999	None	Edit with ADM Sub County Rate, "A01050".		
Current Year Base Rate	When Rate Method Code is Additive, "A": Sub County Rate + (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Current Year Rate Multiplier	Internal		9999.9999999	None			
-	When Rate Method Code is Multiplicative, "M": Sub County Rate * (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
	Otherwise: Current Year Rate Multiplier * Reference Rate + Fixed rate	Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		

Evhibit Number: P11 1 Plan 01 02 02

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion			
Commodity Code	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 0094 Rye 0805 Weaned Calves			
	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>			
		Prior Year Base Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.				
	When Rate Method Code is Fixed, "F": Sub County Rate	Sub County Rate	ADM		99.9999	None	Edit with ADM Sub County Rate, "A01050".			
Prior Year Base Rate	When Rate Method Code is Additive, "A": Sub County Rate + (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate)	Prior Year Rate Multiplier	Internal		9999.9999999	None				
	When Rate Method Code is Multiplicative, "M": Sub County Rate * (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate)	Prior Year Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".			
	Otherwise: Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed rate	Prior Year Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".			

	Exhibit Number Record Name Record Code	=		Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion	
Commodity Code	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 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>	
		Current Year Base Premium Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.	If Option Code "QL", "YE" or "TA" is applicable and the effective coverage level exceeds the highest coverage level for the offer in the ADM, see Section 23 for the Current Year Base Premium Rate calculation.	
-	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU": Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8)	Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss).	
Current Year Base Premium Rate		Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Unit Structure Code equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, 'BU'.	
=	When Unit Structure code is Enterprise Unit, "EU": Round(Current Year Base Rate * Rate Differential Factor * Enterprise Unit Residual Factor, 8)	Enterprise Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Unit Structure Code equal to Enterprise Unit, 'EU'.	
-	When Unit Structure code is Whole Farm Unit, "WU": Round(Current Year Base Rate * Rate Differential Factor * Whole Farm Unit Residual Factor, 8)	Whole Farm Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Unit Structure Code equal to Whole Farm Unit, 'WU'.	

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name: Record Code:	Name: Acreage Version: App Code: P11 Release Date: 6/2					
Insurance Plan Code	an Code 01 Yield Protection 02 Revenue Protection					. ,	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola	0021 Cotton 0041 Corn			0051 Grain Sorghum 0067 Dry Peas		0081 Soybeans 0091 Barley
	0016 Oats 0018 Rice	16 Oats 0043 Popcorn					0094 Rye 0805 Weaned Calves
	Calculations	Field Name	 				Rules
When previous year yield li	mitation code = '03' and Insurance Option Code List contain	s Yield Cup (YC):					
	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":	Prior Year Base Premium Rate	Internal		99999999999999999	Round to 8 decimals.	
	OU, OA, OD, OI BASIC OIIIC, BO.	Prior Year Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040."
	Round(Prior Year Base Rate * 1.05 * Prior Year Rate Differential Factor * Prior Year Unit Residual Factor, 8)	Prior Year Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040."
Prior Year Base Premium Rate	When Unit Structure code is Enterprise Unit, "EU": Round(Prior Year Base Rate * 1.05* Prior Year Rate Differential Factor * Prior Year Enterprise Unit Residual Factor, 8)	Prior Year Enterprise Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040".
	When Unit Structure code is Whole Farm Unit, 'WU': Round(Prior Year Base Rate * 1.05 * Prior Year Rate Differential Factor * Prior Year Whole Farm Unit Residual Factor, 8)	Prior Year Whole Farm Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040."

Exhibit Number: P11-1, Plan 01, 02, 03

	Exhibit N Record Record		Reinsurance Year Version Release Date	: Approved			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n 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	0041 Corn 0043 Popcorn			0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	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
Otherwise:			•	•	•	•	
	When Unit Structure Code is equal to Optional Un "OU", "UA", "UD", or Basic Unit, "BU":	Prior Year Base Premium Rate	Internal		99999999999999999	Round to 8 decimals.	
	Round(Prior Year Base Rate * Prior Year Rate Differont Factor * Prior Year Unit Residual Factor, 8)	ential Prior Year Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss).
Prior Year Base Premium		Prior Year Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), "QL" (Quality Loss) where Unit Structure Code equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU".
Rate	When Unit Structure code is Enterprise Unit, "EU": Round(Prior Year Base Rate * Prior Year Rate Difference Factor * Prior Year Enterprise Unit Residual Factor,	Prior Year Enterprise Unit ential Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Unit Structure Code equal to Enterprise Unit, 'EU'.
,	When Unit Structure code is Whole Farm Unit, 'WI Round(Prior Year Base Rate * Prior Year Rate Differed Factor * Prior Year Whole Farm Unit Residual Factor	Prior Year Whole Farm Unit ential Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "YE" (Yield Exclusion), and "QL" (Quality Loss) where Unit Structure Code equal to Whole Farm Unit, 'WU
Base Premium Rate	= MIN (Current Year Base Premium Rate, Prior Year B Premium Rate * 1.2, .999)	ase Base Premium Rate	P11	97	999999999999999999999999999999999999999	Round to 8 decimals.	
Revenue Lookup Rate	= MIN(Current Year Base Rate, Prior Year Base Rate * 0.9999)	1.2, Revenue Lookup Rate	Internal		9999999999.9999	Round to 4 decimals.	

Exhibit Number: P11-1, Plan 01, 02, 03

		Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				n: 2025 n: Approved ne: 6/27/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	Calculations	Field Name	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Section 4: Optional Covera	ge (Additive "A" and Multiplicative "M	")					If Option Rate Method Code equal "T' (Total Premium Rate Adjustment) see Section 9.
		Additive Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
Additive Optional Rate	When Rate Method Code is Additive, "A":	Option Rate	ADM		99999.9999	None	Option Rate will be the Sum of all Option Rate with Rate Method Code equal to Additive, "A". Edit with ADM Option Rate, "A01060".
Adjustment Factor	= ∑ Option Rate * Rate Differential Fac	Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).
Multiplicative Optional Rate Adjustment Factor	When Rate Method Code is Multiplic	Multiplicative Optional R Adjustment Factor	ate Internal		999999.9999	Round to 4 decimals.	
	∑ Option Rate1 * Option Rate2 * Opt	ion Rate3 Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".

		Record Name: Record Code:	•			Reinsurance Year Version Release Date			
Insurance Plan Code	01 Yield Protection		02 Revenue Protection				03 Revenue Protectio	on with Harvest Price Exclusion	
Commodity Code	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 0094 Rye 0805 Weaned Calves	
	<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	
Section 5: Revenue Covera	age Add on Rates (Applicable only	y for Plans 02 and 03)						It is recommended that other than hard coding for specific type and practice codes which will eventually change when the new key structure is adopted, that a condition be put in place that will set the add on rate to 0 when the Price Volatility is 0. This condition MUST occur at some point in order to circumvent the Calculation of Preliminary Revenue Protection Add on Rate and Preliminary Revenue Protection with Harvest Price Exclusion Add on Rate, which contains a constraint that the add on rate be at least 1% greater than the base Premium Rate.	
Lookup Rate	e = Revenue Lookup Rate * Revenu		Lookup Rate Revenue Lookup Rate	Internal Internal		999999999999999999999999999999999999999	Round to 4 decimals. Round to 4 decimals.	From Section 3.	
			Revenue Lookup Adjustment Factor	Internal		9.9999999	None	From Section 2.	

	E	Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
		Adjusted Mean Quantity (AdjMean)	Internal		999999.9999999	Round to 8 decimals.	
Adjusted Mean Quantity	Adjusted Mean Quantity = Approved Yield * Mean Quantity / 100		P11	42	99999999.99	None	For APH Trend, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.
		Mean Quantity	ADM		999.99999999	None	Edit with ADM Combo Revenue Factor, "A01030". Search the Combo Revenue Factor, "A01030" for the Mean Quantity using Lookup Rate.
		Adjusted Standard Deviation Quantity (AdjStndDev)	Internal		9999999999999999	Round to 8 decimals.	
Adjusted Standard Deviation Quantity	Adjusted Standard Deviation Quantity = Approved Yield * Standard Deviation Quantity / 100		P11	42	99999999.99	None	For APH Trend, Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. For skip row cotton, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.
			ADM		999.99999999	None	Edit with ADM Combo Revenue Factor, "A01030". Search the Combo Revenue Factor "A01030" for the Standard Deviation Quantity using Lookup Rate.

Exhibit Number: P11-1, Plan 01, 02, 03

		Record Name: Acreage Record Code: P11	Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	<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>	<u>Rules</u>
		log Mean Quantity (LnMean)	Internal		999999.99999999	Round to 8 decimals.	
LnMean	Ln(Projected Price or Contract Price) –	Projected Price	ADM		99999.9999		Edit with ADM Price, "A00810".
	(Price Volatility Factor) ² / 2	Contract Price	P11	46	9999.9999	None	Contract price as addressed in Section 1, capped with Max Contract Price from ADM.
		Price Volatility Factor	ADM		9.99		Edit with ADM Price, "A00810".
Yield Draw Quantity _{Sequence Number}	For Sequence Number 1 to 500 = Yield Draw Quantity	Yield Draw Quantity	ADM		S99.999999999	None	Edit with ADM Beta, "A01020". Use the Beta ID field from ADM Insurance Offer, "A00030" and the Beta "A01020" to obtain the applicable draws. There should be 500 draws (or sequence numbers) per Beta Id for every distinct Beta Id in the Insurance Offer ADM, "A00030".
Price Draw Quanity _{Sequence}	For Sequence Number 1 to 500 = Price Draw Quantity	Price Draw Quantity	ADM		\$99.99999999		Edit with ADM Beta, "A01020". Use the Beta ID field from ADM Insurance Offer, "A00030" and the Beta "A01020" to obtain the applicable draws. There should be 500 draws (or sequence numbers) per Beta Id for every distinct Beta Id in the Insurance Offer ADM

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion		
Commodity Code	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 0094 Rye 0805 Weaned Calves		
	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		
		Simulated Yield Protection Losses Quantity (SimYPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.			
Simulated Yield Protection Losses Quantity	500 = Σ Round(MAX(0, AY * covlvl - Round(MAX(0, Yieldi * = i=1 AdjStndDev + AdjMean),12)), 12)	Approved Yield (AY)	P11	42	99999999.99	None	For APH Trend, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.		
		Coverage Level Percent (covlvl)	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss) and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), and "YE" (Yield Exclusion).		
		Yield Draw Quantity _i (Yield _i)	ADM		S99.99999999	None			

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

		nber: P11-1, Plan 01, 02, 03 ame: Acreage Code: P11			Reinsurance Year Version Release Date		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record	<u>Field</u>	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	<u>Field</u>	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
		Simulated Revenue Protection Losses Quantity(SimRPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	
Simulated Revenue Protection Losses	(D 1/0 4 6) / (O) / (- - + 6 - C - D 6 - 10 4) 4.3		P11	42	99999999.99	None	For APH Trend, Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.
Quantity	* Round(MIN(2 * ProjPrice, Round(e ^{(Price} i * Price Volatility Factor + LnMean),12}), 12))),12)	Coverage Level Percent (covivi)	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).
		Yield Draw Quantity _i (Yield _i)	ADM		S99.99999999	None	
		Projected Priced or Contract Price (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.

	Record Na	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year Version Release Date		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice Calculations	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field Name	Record Number				0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
		Simulated Revenue Protection with Harvest Price Exclusion Losses Quantity (SimRPhpeLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	
Simulated Revenue Protection with Harvest Price Exclusion Losses Quantity	i=1 AdjStdDev + AdjMean),12) * Round(MIN(2 *	Approved Yield (AY)	P11	42	9999999.99	None	For APH Trend, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. For skip row commodities, the approved yield it the converted approved yield from the P15 record with skip row (yield conversion factor) applied.
		Coverage Level Percent (covIvI)	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment), "YC' (Yield Cup), "QL" (Quality Loss) and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).
		Projected Priced or Contract Price (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2025

Version: Approved

Release Date: 6/27/2024

	Record Code:	P11		Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion	
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans	
Commodity Code	0015 Canola			0067 Dry Peas		0091 Barley		
	0016 Oats			0075 Peanuts		0094 Rye		
	0018 Rice	0047 Dry Beans			0078 Sunflowers		0805 Weaned Calves	
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules	
Simulated Yield Protection Base Premium = Rate	(Simulated Yield Protection Losses Quantity / 500) / (Approved Yield * Coverage Level Percent)	Simulated Yield Protection Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) Effective Coverage Level Percent will replace Coverage Level Percent.	
Protection Base Premium =	(Simulated Revenue Protection Losses / 500) / (Approved = Yield * Coverage Level Percent * (Projected Price or Contract Price))	Simulated Revenue Protection Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) Effective Coverage Level Percent will replace Coverage Level Percent.	
Simulated Revenue Protection with Harvest Price Exclusion Base Premium Rate	(Simulated Revenue Protection with harvest Price Exclusion = Losses Quantity / 500) / (Approved Yield * Coverage level Percent * (Projected Price or Contract Price))	Simulated Revenue Protection with Harvest Price Exclusion Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) Effective Coverage Level Percent will replace Coverage Level Percent.	
Protection Premium Add =	MAX(Simulated Revenue Protection Base Premium Rate - - Simulated Yield Protection Base Premium Rate, 0.01 * Base Premium Rate)	Preliminary Revenue Protection Premium Add on Rate	Internal		999999.9999999	Round to 8 decimals.	This is a control meant to ensure that the premium rate associated with Revenue Protection is at least 1% greater than the basic Base Premium Rate where the Price Volatility Factor is NOT EQUAL to 0.	
Preliminary Revenue Protection with Harvest Price Exclusion Add on Rate	MAX(Simulated Revenue Protection with Harvest Price Exclusion Base Premium Rate - Simulated Yield Protection Base Premium Rate, -0.5 * Base Premium Rate)	Preliminary Revenue Protection with Harvest Price Exclusion Add on Rate	Internal		999999.9999999	Round to 8 decimals.	This is a control meant to ensure that the premium rate associated with Revenue Protection with Harvest Price Exclusion will not be less than half of the Base Premium Rate where the Price Volatility Factor is NOT EQUAL to 0.	

Insurance Plan Code Commodity Code	01 Yield Protection 0011 Wheat 0015 Canola	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11 02 Revenue Protection 0021 Cotton 0041 Corn				on: Approved te: 6/27/2024	n with Harvest Price Exclusion 0081 Soybeans 0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice <u>Calculations</u>	0047 Dry Beans Field <u>Name</u>	Record Number	<u>Field</u> Number	0078 Sunflowers <u>Field</u> <u>Format</u>	<u>Field</u> Rounding	0805 Weaned Calves <u>Rules</u>
Section 6: Historical Revenue Capping (Applicable only for Plans 02 and 03) Note: This Section will not apply if record has a Written Agreement.		·				Level Base Premium Ra applicable. Then it is us Revenue Add On Rates table is set up such that the Commodity Year. B premium calculation m capping over time. If there is NOT a correst ADM, "A01110", then the Furthermore, since cover Revenue Assurance (RA performed for those cothis will be based on the statement.	ation the 2010 Revenue Assurance Optional Unit the for coverage level percents 65 thru 85 where used in conjunction with the Base Premium Rate and to compute capped Revenue Add On Rates. This is the only value that will change from year to year is by doing this we are fixing a point where the lethod was changed and applying an exponential conding row in the Historical Revenue Capping this calculation does not need to be performed. Percents 50, 55, 60 did not exist for conditionally capping does not need to be verage level percents as well. If TA is applicable then the TA Effective Coverage Level Percent. See next put on its selected, this section does not apply when Level is less than 65%.
		Capping Yield Ratio	Internal		9.99	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.
Capping Yield Ratio	o = Rate Yield / Capping Reference Yie	Rate Yield	P15	35	99999999.99	None	For skip row commodities, the rate yield is the converted rate yield from the P15 record with skip row (yield conversion factor) applied.
		Capping Reference Yield	ADM		99999.99	None	Edit with ADM Historical Revenue Capping, "A01110".

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name:	Acreage	Version: Approved						
	Record Code:	•			Release Date	• •			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion		
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans		
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley		
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye		
	0018 Rice	0047 Dry Beans	ı	ı	0078 Sunflowers	1	0805 Weaned Calves		
	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		
		Prior Capping Yield Ratio	Internal		9.99	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.		
Prior Capping Yield Ratio	= Rate Yield / Prior Capping Reference Yield	Rate Yield	P15	35	99999999.99	None	For skip row commodities, the rate yield is the converted rate yield from the P15 record with skip row (yield conversion factor) applied.		
		Prior Capping Reference Yield	ADM		99999.99	None	Edit with ADM Historical Revenue Capping, "A01110".		
Comming Data Multiplian	Consider World Bestie Accounting Forest and Volum	Capping Rate Multiplier	Internal		999999.9999999	Round to 8 decimals.			
Capping Rate Multiplier	= Capping Yield Ratio ^Capping Exponent Value	Capping Exponent Value	ADM		S99.999	None	Edit with ADM Historical Revenue Capping, "A01110".		
Prior Capping Rate	= Prior Capping Yield Ratio ^Prior Capping Exponent Value	Prior Capping Rate Multiplier	Internal		999999.9999999	Round to 8 decimals.			
Multiplier	- Prior Capping field Ratio 11101 Capping Exponent Value	Prior Capping Exponent Value	ADM		S99.999	None	Edit with ADM Historical Revenue Capping, "A01110".		
	If Rate Method Code = Fixed, "F":	Historical Capping Base Rate	Internal		999999.9999999	Round to 8 decimals.			
	Sub County Rate If Rate Method Code = Additive, "A":								
	Sub County Rate + (Capping Rate Multiplier * Capping Reference Rate + Capping Fixed Rate)	Sub County Rate	ADM		9.9999	None	Edit with ADM Sub County Rate, "A01050".		
Historical Capping Base Rate	If Rate Method Code = Multiplicative, "M":								
Nate	Sub County Rate * (Capping Rate Multiplier * Capping Reference Rate + Capping Fixed Rate)	Capping Reference Rate	ADM		9.9999		Edit with ADM Historical Revenue Capping, "A01110".		
	Otherwise:								
	(Capping Rate Multiplier * Capping Reference Rate + Capping Fixed Rate)	Capping Fixed Rate	ADM		9.9999		Edit with ADM Historical Revenue Capping, "A01110".		

	Exhibit Number Record Name Record Code	Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion	
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans	
Commodity Code	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	
	Calculations	<u>Field</u> <u>Name</u>	<u>Record</u> <u>Number</u>	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	Rules	
	If Rate Method Code = Fixed "F": Sub County Rate	Historical Prior Capping Base Rate	Internal		999999.99999999	Round to 8 decimals.		
	If Rate Method Code = Additive, "A": Sub County Rate + (Prior Capping Rate Multiplier * Prior Capping Reference Rate + Prior Capping Fixed Rate)	Sub County Rate	ADM		9.9999	None	Edit with ADM Sub County Rate, "A01050".	
Historical Prior Capping Base Rate	If Rate Method Code = Multiplicative, "M": Sub County Rate * (Prior Capping Rate Multiplier * Prior Capping Reference Rate + Prior Capping Fixed Rate)	Prior Capping Reference Rate	ADM		9.9999		Edit with ADM Historical Revenue Capping, "A01110".	
	Otherwise: (Prior Capping Rate Multiplier * Prior Capping Reference Rate + Prior Capping Fixed Rate)	Prior Capping Fixed Rate	ADM		9.9999		Edit with ADM Historical Revenue Capping, "A01110".	
Historical Basic Unit Base Rate	.9 * MIN(.999, Historical Prior Capping Base Rate * 1.2, Historical Capping Base Rate)	Historical Basic Unit Base Rate	Internal		999999.99999999	Round to 8 decimals.		

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record	Field	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field	Field	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Name</u>	Number	Number	Format	Rounding	Rules			
	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":	Coverage Level Percent	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).			
[beta0 Factor + Beta 1 Factor * Historical Basic Unit Base Rate + Beta 2 Factor Historical Basic Unit Base Rate ^2 + Beta 3 Factor * Coverage Level Percent + Beta 4 Factor * Coverage Level Percent ^2 + Beta 5 Factor * Approved Yield / Capping Reference Yield + Beta 6 Factor * (Approved Yield / Capping Reference Yield)^2 Beta 7 Factor * Price Volatility Factor +	Beta 1 Factor * Historical Basic Unit Base Rate + Beta 2 Factor * Historical Basic Unit Base Rate ^2 + Beta 3 Factor * Coverage Level Percent + Beta 4 Factor * Coverage Level Percent ^2 + Beta 5 Factor * Approved Yield / Capping Reference Yield + Beta 6 Factor * (Approved Yield / Capping Reference Yield)^2 +	Historical Revenue Protection Base Premium Rate	Internal		999999999999999999999999999999999999999	Round each intermittent Beta * calculation to 8 decimals as it has been done historically.				
Historical Revenue		Beta O Factor - Beta 14 Factor	ADM		S99.99999999	None	Edit with ADM Historical Revenue Capping, "A01110".			
Protection Base Premium Rate	/ Compile a Defended Wield .	Price Volatility Factor	ADM		9.99	None	Edit with ADM Price, "A00810".			
Capping Reference Yield + Beta 13 Factor * Coverage Level Beta 14 Factor * (Approved Yield	Factor + Beta 12 Factor * Coverage Level Percent * Approved Yield /	+ Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).			
	When Unit Structure Code is equal to Enterprise Unit, "EU": Replace 'Unit Residual Factor' with 'Enterprise Unit Residual Factor'	Enterprise Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).			

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2025 Version: Approved

	Record Name: Acreage Record Code: P11				Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection					on with Harvest Price Exclusion			
Commodity Code	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 0094 Rye 0805 Weaned Calves			
	Calculations	Field Name	Record Number	<u>Field</u> Number	Field Format	Field Rounding	Rules			
	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":	Coverage Level Percent	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).			
Historical Revenue Protection with Harvest Price Exclusion Base Premium Rate	Protection with Harvest Beta 9 Factor * Historical Basic Unit Base Rate * Coverage Level	Historical Revenue Protection with Harvest Price Exclusion Base Premium Rate	Internal		999999999999999999999999999999999999999	Round each intermittent Beta * calculation to 8 decimals as it has been done historically.				
	Beta 10 Factor * Historical Basic Unit Base Rate * Approved Yield / Capping Reference Yield + Beta 11 Factor * Historical Basic Unit Base Rate * Price Volatility	Beta 0 Factor - Beta 14 Factor	ADM		S99.99999999	None	Edit with ADM Historical Revenue Capping, "A01110".			
	Factor + Beta 12 Factor * Coverage Level Percent * Approved Yield /	Price Volatility Factor	ADM		9.99	None	Edit with ADM Price, "A00810".			
	Capping Reference Yield + Beta 13 Factor * Coverage Level Percent * Price Volatility Factor + Beta 14 Factor * (Approved Yield / Capping Reference Yield) * Price Volatility Factor] * Unit Residual Factor X 1.1	Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).			
	When Unit Structure Code is equal to Enterprise Unit, "EU": Replace 'Unit Residual Factor' with 'Enterprise Unit Residual Factor'	Enterprise Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).			

	Record Name:	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record	<u>Field</u>	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	<u>Field</u>	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>			
Capped Revenue Protection Add on Rate	MIN(Base Premium Rate + Preliminary Revenue Protection Add On Rate, Historical Revenue Protection Base Premium Rate * 1.2^(Commodity Year - Capping Year)) - Base Premium Rate	Capped Revenue Protection Add on Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.	Use the Preliminary Add On Rates for Insurance Plan Code Revenue Protection, "02" or Revenue Protection with Harvest Price Exclusion, "03" from section 5, the Base Premium Rate from section 3 to calculate the Capped Revenue add on factors.			
	emium kate	Base Premium Rate	P11	97	999999.9999999	None				
		Commodity Year	P14	10	CCYY	None				
		Capping Year	ADM		CCYY	None	Edit with ADM Historical Revenue Capping, "A01110".			
Protection with Harvest Price Exclusion Add on Revenue Protection with Harvest Price Exclusion Add on Revenue Protection with Harvest Price Exclusion Add on	MIN(Base Premium Rate + Preliminary Revenue Protection with Harvest Price Exclusion Add On Rate, Historical = Revenue Protection with Harvest Price Exclusion Base Premium Rate * 1.2^(Commodity Year - Capping Year)) -	Capped Revenue Protection with Harvest Price Exclusion Add on Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimal.	Use the Preliminary Add On Rates for Insurance Plan Code Revenue Protection, "02" or Revenue Protection with Harvest Price Exclusion, "03" from section 5, the Base Premium Rate from section 3 to calculate the Capped Revenue add on factors.			
Rate	Base Premium Rate	Base Premium Rate	P11	97	999999.9999999	None				
		Commodity Year	P14	10	CCYY	None				
			ADM		ССҮҮ	None	Edit with ADM Historical Revenue Capping, "A01110".			

	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024							
Insurance Plan Code	lan Code 01 Yield Protection 0		02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion			
Commodity Code	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 0094 Rye 0805 Weaned Calves			
	<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: Whole Farm Uni	t Base Premium Rate							The Whole Farm Unit Discount is only applicable to the Revenue Protection and Revenue Protection with Harvest Price Exclusion Insurance Plans, unless the Special Provisions allow Whole Farm Units for other Insurance Plans. Whole Farm Units will now mandate that producers include both their spring and fall planted commodities into the whole farm unit for commodity/plans offering Whole Farm Units. Malting Barley Coverage is NOT applicable for Whole Farm Unit.			
			Lookup Rate	Internal		9999999999.9999	Round to 4 decimals.				
Lookup Rate	= Revenue Lookup Rate * Revenue Look	up Adjustment Factor	Revenue Lookup Rate	Internal		99999999999999	Round to 4 decimals.	From Section 3.			
			Revenue Lookup Adjustment Factor	Internal		9.9999999	None	From Section 2.			
Mean Quantity _{commodityj}	= Mean Quantity _{commodityj} WHERE Looku = Base Rate _{commodityj}	ıp Rate _{commodityj} =	Mean Quantity _{commodityj}	ADM		999.99999999	None	Edit with ADM Combo Revenue Factor, "A01030". Search the Combo Revenue Factor, "A01030" for the Mean Quantity, When the Lookup Rate = Base Rate			
			Lookup Rate commodityj	Internal		9.9999	None				
			Base Rate commodityj	ADM		9.9999	None	Edit with ADM Combo Revenue Factor, "A01030".			

	Record	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record		0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field	Field	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules			
Standard Deviation Quantity _{commodityj}	Standard Deviation Quantity commodityj = Standard Deviation Quantity commodityj WHERE Lookup Rate commodityj = Base Rate commodityj	Standard Deviation Quantity commodityj	ADM		999.99999999	None	Edit with ADM Combo Revenue Factor, "A01030". Search the Combo Revenue Factor, "A01030" for the Standard Deviation Quantity, When the Lookup Rate = Base Rate			
		Lookup Rate commodityj	Internal		9.9999	None				
		Base Rate _{commodityj}	ADM		9.9999	None	Edit with ADM Combo Revenue Factor, "A01030".			
		Adjusted Mean Quantity commodityj	Internal		999999.99999999	Round to 8 decimals.				
Adjusted Mean Quantity commodityj	= Approved Yield _{commodityj} * Mean Quantity _{commodityj} /	100 Approved Yield _{commodityj}	P11	42	9999999.99	None	For APH Trend, Yield Cup, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.			

Exhibit Number: P11-1, Plan 01, 02, 03

	Exhibit Number: P11-1, Plan 01, 02, 03				Reinsurance Year: 2025				
	Record Name	: Acreage		Version: Approved					
	Record Code: P11				Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion		
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans		
Commodity Code	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		
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules		
		Adjusted Standard Deviation Quantity commodityj	Internal		99999999999999999	Round to 8 decimals.			
Adjusted Standard Deviation Quantity commodityj	= Approved Yield _{commodityj} * Standard Deviation Quantity _{commodityj} / 100	Approved Yield commodityj	P11	42	9999999.99	None	For APH Trend, Yield Cup, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield.		
		"					For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.		
		log Mean _{commodityj} (LnMean)	Internal		999999.99999999	Round to 8 decimals.			
LnMean _{commodityj}	In(Projected Price or Contract Price _{commodityj}) – (Price Volatility Factor _{commodityj}) ² / 2	Projected Price or Contract Price _{commodityj}	ADM		99999.9999		Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.		
		Price Volatility Factor _{commodityj}	ADM		9.99	None	Edit with ADM Price, "A00810".		
Yield Draw Quantity commodityj Sequence Number	= Yield Draw Quantity _{commodity}	Yield Draw Quantity	ADM		\$99.99999999	None	ADM Insurance Offer, "A00030", and Beta, "A01020", should be used to obtain the applicable draws. There should be 500 Draws (or sequence numbers) per Beta Id in the ADM Beta, "A01020" for every distinct Beta Id in the ADM Insurance Offer, "A00030".		
Price Draw Quantity commodity Sequence Number	= Price Draw Quantity _{commodity}	Price Draw Quantity	ADM		S99.999999999	None	ADM Insurance Offer, "A00030", and Beta, "A01020", should be used to obtain the applicable draws. There should be 500 Draws (or sequence numbers) per Beta Id in the ADM Beta, "A01020" for every distinct Beta Id in the ADM Insurance Offer, "A00030".		

	Exhibit Number: Record Name: Record Code:	•		Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field Name	Record Number	<u>Field</u> Number	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field Format	<u>Field</u> Rounding	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
		Simulated Revenue Protection Losses Whole Farm (SimRPLossesWF)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	Simulated Revenue Protection Losses for All Commodity/Acreage report line in the Whole Farm Unit.	
		Coverage Level Percent _{commodityj} (covlvi)	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).	
Simulated Revenue	500 all Commodities ∑ Round(MAX(0,∑ Ay _{commodityj} * i=1 j= Acres _{commodityj} * covIvI _{commodityj} * Round(MAX(ProjPrice _{commodityj} , Round(MIN(2 * ProjPrice _{commodityj} , Round(e ^(Pricecommodityj) * Price Volatility Factor	Approved Yield _{commodityj} (AY)	P11	42	99999999999	None	Approved Yield for each Commodity/Acreage report line in the Whole Farm Unit. For APH Trend, Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.	
	Protection Losses Whole =	Reported Acreage _{commodityj} (Acres)	P11	48	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage. Reported Acreage for each Commodity/Acreage report line in the Whole Farm Unit.	
	Round(MIN(2 * ProjPrice_commodityj, Round(e(Pricecommodityji * Price Volatility Factorcommodityj + LnMeancommodityj),12)),12) * Round(Acres_commodityj,12)), 12)	Projected Price or Contract Price _{commodityj} (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Projected Price or Contract Price for each Commodity/Acreage report line in the Whole Farm Unit.	
		Price Draw Quanity _{commodity} i (Price)	ADM		\$99.999999999	None	Price Draw Quantity for each Commodity /Acreage report line in the Whole Farm Unit.	

Exhibit Number: P11-1, Plan 01, 02, 03

		nber: P11-1, Plan 01, 02, 03 lame: Acreage Code: P11			Reinsurance Year: Version: Release Date:	: Approved	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	ion with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	<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	Rules
		Price Volatility Factor _{commodityj}	Internal		999999.99999999	None	Price Volatility Factor for each Commodity/Acreagoreport line in the Whole Farm Unit.
		log Mean _{commodityj} (LnMean)	Internal		999999.99999999	None	Log Mean for each Commodity/Acreage report line in the Whole Farm Unit.
		Yield Draw Quantity _{commodityj} i (Yield)	ADM		S99.999999999	None	Yield Draw Quantity for each Commodity/Acreage report line in the Whole Farm Unit.
Simulated Revenue Protection Losses Whole Farm (continued)	all Commodities $\sum_{\mathbf{Round(MAX(0,Round(Yield_{commodityji})}^**} \mathbf{p} = \mathbf{AdjStdDev}_{commodityj}^* + \mathbf{AdjMean}_{commodityj,12)},12) * \\ \mathbf{Round(MIN(2*ProjPrice}_{commodiyj}, \mathbf{Round(e}^{(Pricecommodityji)}, \mathbf{Price}_{volatility}^*),12),12) * \\ \mathbf{Round(MIN(2*ProjPrice}_{commodityj}, \mathbf{Round(e}^{(Pricecommodityji)}, \mathbf{Round(e}$	Commonly ()	Internal		999999999999999999999999999999999999999	None	Adjusted Standard Deviation Quantity for each Commodity/Acreage report line in the Whole Farm Unit.
	Round(Acres _{commodityj,12})), 12)	Adjusted Mean Quantity _{commodityj} (AdjMean)	Internal		999999.999999999	None	Adjusted Mean Quantity for each Commodity/Acreage report line in the Whole Farm Unit.

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name: Acreage				Version: Approved				
	Record Coo	le: P11			Release Date	: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion		
Commodity Code	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 0094 Rye 0805 Weaned Calves		
		<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>		
		Simulated Revenue Protection Harvest Price Excluded Losses Whole Farm (SimRPhpeLossesWF)	Internal		999999999.9999999999	Round to 12 decimals.	Simulated Revenue Protection Harvest Price Excluded Losses for All Commodity/Acreage report lines in the Whole Farm Unit.		
		Coverage Level Percent _{commodityj} (covIvI)	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).		
Simulated Revenue Protection Harvest Price	all COMMODINES	Approved Yield _{commodityj} (AY)	P11	42	99999999.99	None	Approved Yield for each Commodity/Acreage report line in the Whole Farm Unit. For APH Trend, Yield Cup, Quality Loss, Yield Cup, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied.		
Excluded Losses Whole Parm		Reported Acreage _{commodityj} (Acres)	P11	48	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage. Reported Acreage for each Commodity/Acreage report line in the Whole Farm Unit.		
		Projected Price or Contract Price _{commodityj} (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Projected Price or Contract Price (as addressed in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.		
		Yield Draw Quantity _{commodityj} i (Yield)	ADM		\$99.99999999	None	Yield Draw Quantity for each Commodity/Acreage report line in the Whole Farm Unit.		

Exhibit Number: P11-1, Plan 01, 02, 03

	Exhibit Number: Record Name: Record Code:	me: Acreage			Reinsurance Year: Version: Release Date:	: Approved	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	Calculations	Field <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	Field Rounding	Rules
		Adjusted Standard Deviation Quantity _{commodityj} (AdjStnDev)	Internal		999999999999999999999999999999999999999	None	Adjusted Standard Deviation Quantity for each Commodity/Acreage report line in the Whole Farm Unit.
		Adjusted Mean Quantity _{commodityj} (AdjMean)	Internal		999999.99999999	None	Adjusted Mean Quantity for each Commodity/Acreage report line in the Whole Farm Unit.
		Price Draw Quanity _{commodityj} i (Price)	ADM		\$99.99999999	None	Price Draw Quantity for each Commodity/Acreage report line in the Whole Farm Unit.
Simulated Revenue Protection Harvest Price Excluded Losses Whole Farm (contintued)	Soo all commodities ∑ Round(MAX (0, ∑COVIVI _{commodityj} * i=1 AY _{commodityj} * ProjPrice _{commodityj} * Acres _{commodityj}) - all commodities ∑ Round(MAX(0, Round(Yield _{commodityj}) j= AdjStdDev _{commodityj} + AdjMean _{commodityj} , 12)), 12) * Round(MIN(2 * ProjPrice _{commodityj} , Round(e ^(Pricecommodityj) * Price Volatility Factorcommodityj + LnMeancommodityj), 12)), 12) * Round(Acres _{commodityj, 12})), 12)	Price Volatility Factor _{commodityj}	Internal		999999.99999999	None	Price Volatility Factor for each Commodity/Acreage report line in the Whole Farm Unit.
	Todala (Pol Goommodityj, 12/1)	log Mean _{commodityj} (LnMean)	Internal		999999.99999999	None	Log Mean for each Commodity/Acreage report line in the Whole Farm Unit.

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	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>
	<u>SimRPLossesWF</u> 500	Coverage Level Percent _{commodityj} (covlvl)	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).
Revenue Protection Whole Farm Rate	= $\sum_{j=1}^{n} (covIvI_{commodityj} * AY_{commodityj} * ProjPrice_{commodityj} * j = 1$	Revenue Protection Whole Farm Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.	
	Acres _{commodityj})	Projected Price or Contract Price _{commodityj} (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Projected Price or Contract Price (as addressed in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.

	Exhibit Numbe Record Nam Record Cod	•					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	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>
	<u>SimRPhpeLossesWF</u> 500	Coverage Level Percent _{commodityj} (covlvl)	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment), "YC (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment), "QL" (Quality Loss), and "YE" (Yield Exclusion).
Revenue Protection with Harvest Price Exclusion Whole Farm Rate	= 1000000000000000000000000000000000000	Revenue Protection with Harvest Price Exclusion Whole Farm Rate	Internal		99999999999999999	Round to 8 decimals.	
	Acres _{commodityj})	Projected Price or Contract Price _{commodityj} (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Projected Price or Contract Price (as addressed in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.
When Insurance Plan Code	equals Revenue Protection, "02":						
Whole Farm Base Premium Rate	= Revenue Protection Whole Farm Rate	Whole Farm Base Premium Rate	Internal		999999999999999999999	None	
When Insurance Plan Code "03":	equals Revenue Protection with Harvest Price Exclusion,						
Whole Farm Base Premium Rate	Revenue Protection with Harvest Price Exclusion Whole Farm Rate	Whole Farm Base Premium Rate	Internal		9999999999999999	None	

	Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion	
Commodity Code Section 8: Premium Rate	0011 Wheat 0015 Canola 0016 Oats 0018 Rice Calculations	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field Name	Record Number		0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field Format	Field Rounding	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves Rules The Premium Rate for ALL Unit Structures should be capped at .999 in the event various adjustments to the Base Premium Rate would cause it to exceed 1.0.	
When Unit Structure Code Premium Rate	Whole Farm including Prevented Planting) + Sum ((Reported Acreage * Additive Optional Rate Adjustment Factor) / Sum(Total Reported Acreage) for	Premium Rate	Internal		999999999999999	Round to 8 decimals.	Premium Rate is capped at 0.99900000. For situations where the option factors vary by Commodity, a reported Acreage weighted average of the Option Factors should be used to determine the Multiplicative and Additive Optional Rate adjustments to be used in the computation of the Premium Rate for Whole Farm Unit.	
	Whole Farm including Prevented Planting), 8))	Total Reported Acreage	Internal		9999999.99	None	Total Reported Acreage for the Whole Farm including Prevented Planting.	

Evhibit Number: B11 1 Blan 01 02 02

	Record N Record	mber: P11-1, Plan 01, 02, 03 lame: Acreage Code: P11				on: Approved te: 6/27/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				U3 Kevenue Protectio	on with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans
Commodity Code	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
	Calculations	<u>Field</u> <u>Name</u>	<u>Record</u> <u>Number</u>	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
When Unit Structure Code	e DOES NOT EQUAL Whole Farm Unit, "WU":						Set Capped Revenue Add On Factor as follows
Premium Rate	MIN(.999, Base Premium Rate * Unit Structure Discou = Factor * Multiplicative Optional Rate Adjustment Facte Additive Optional Rate Factor + Capped Revenue Add (Factor)	Or+ Premium Rate	Internal		999999999.9999999	Round to 8 decimals.	If Insurance Plan Code equals 01, Capped Revenue Add On Factor will equal zero. If Unit Structure Code does not equal Whole Farm (WU), set Capped Revenue Add On Factor as follows: If Section 6 is applicable, Capped Revenue Add On Factor will equal Capped Revenue Protection Add On Rate when Insurance Plan Code equals 02 or Capped Revenue Protection with Harvest Price Exclusion Add On Rate when Insurance Plan Code equals 03. If Section 6 is not applicable, Capped Revenue Add On Factor will equal Preliminary Revenue Protection Add On Rate when Insurance Plan Code equals 02 or Preliminary Revenue Protection with Harvest Price Exclusion Add On Rate when Insurance Plan Code equals 03.

	Exhibit Numbe Record Nam Record Code	•				ar: 2025 on: Approved te: 6/27/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	tion with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	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>
Section 9: Total Premium	Amount, Subsidy Amount, and Producer Premium Amount						
		Preliminary Total Premium	Internal		999999999	Round to whole number.	
		Experience Factor	P11	47	9.999	None	Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".
Preliminary Total Premium	= Factor * Premium Surcharge Percent * Lotal Premium	Premium Surcharge Percent	Internal				Use when the Approved Yield Had a Cup or Surcharge applied. Does not apply when option "YC" is elected. Se to 1.00.
		Total Premium Multiplicative Optional Rate Adjustment Factor	ADM		9.9999	None	If Option Rate with Rate Method Code equal "T". Edit with ADM Option Rate, "A01060". Currently this will be used for Short Rate Option.
		Total Premium Amount	P11	95	999999999	Round to whole number.	
Total Premium Amount	= Preliminary Total Premium * Multiple Commodity Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Used when there is a first Commodity Loss.
Subsidy Amount	= Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	93	999999999	Round to whole number.	If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 18 for subsidy calculations.
,	t – Total i Tellialii Allioulit Subsity refeelt	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount		Producer Premium Amount	P11	94	999999999	Round to whole number.	

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	tion with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record		0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field	<u>Field</u>	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>			
Cottonseed Endorsement (Information (Approved Yield, Reported Acreage, Insured Share Percent) will be obtained from Cotton P11 record and Rate Yiel from P15 record associated with the Cottonseed record. CAT does not apply to Plar 01 Cottonseed. Unit Structure Code 'WU' does not apply to Cottonseed.			
ection 10. Liability Calcul	ation					Round to whole				
		Modified Yield	Internal		99999999.99	Number.				
Modified Yield	= Approved Yield * Option Conversion Factor	Approved Yield	P11	42	99999999.99	None	From Cotton P11 record. For skip row cotton, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied			
		Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".			
Premium Guarantee Per Acre Amount	= Modified Yield * Coverage Level Percent	Premium Guarantee Per Acre Amount	Internal		999999999.99	Round to whole number.				
		Coverage Level Percent	P14	34	9.9999	None				
Guarantee Per Acre	When Guarantee Adjustment Type Code equals Late Planting, "L" OR Prevented Planting, "P":	Guarantee Per Acre Amount	Internal		99999999.99	Round to whole number.				
Amount	= Premium Guarantee Per Acre Amount * Guarantee Adjustment Factor	Guarantee Adjustment Factor	P11	69	0.999	None	Edit with the Guarantee Adjustment ICE, "D00068" or ADM Guarantee Adjustment, "A01220" for Prevented Planting.			
Price Flection Amount	= Projected Price * Price Election Percent	Price Election Amount	Internal		9999.9999	None	Cottonseed will equal the Projected Price from ADM regardless of Price Election Percent for Cotton Lint.			
Price Election Amount	- Projected Price - Price Election Percent	Projected Price	ADM		99999.9999					
		Price Election Percent	ICE		9.9999	None	Will always be 1.000 for Cottonseed.			

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion				
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves				
	Calculations	0047 Dry Beans Field Name	Record Number	<u>Field</u> <u>Number</u>	Field Format	<u>Field</u> <u>Rounding</u>	Rules				
	Premium Guarantee Per Acre Amount * Price Election	Premium Total Guarantee Amount	Internal		99999999.99	Round to 2 decimals.					
Amount	Amount * Reported Acreage	Price Election Amount Reported Acreage	Internal P11	48	9999.9999 99999999.99	None None	From Cotton P11 record.				
Total Guarantee Amount =	Guarantee Per Acre Amount * Price Election Amount *	Total Guarantee Amount	P11	103	99999999.99	Round to 2 decimals.					
Total Guarantee Amount	Reported Acreage	Price Election Amount Reported Acreage	Internal P11	48	9999.9999 999999.99	None None	From Cotton P11 record.				
Premium Liability Amount = Premium Total Guarantee Amount * Insured Share Perce		Premium Liability Amount	Internal		999999999	Round to whole number.					
		Insured Share Percent	P11	43	9.9999	None	From Cotton P11 record.				
Liability Amount =	Total Guarantee Amount * Insured Share Percent	Liability Amount	P11	94	999999999	Round to whole number.					
		Insured Share Percent	P11	43	9.9999	None	From Cotton P11 record.				

Exhibit Number: P11-1, Plan 01, 02, 03

Premium Rate * Unit Structure Discount Premium Rate = Factor * Multiplicative Optional Rate Adjustment Factor+ Additive Optional Rate Factor) Premium Rate = Factor * Multiplicative Optional Rate Adjustment Factor+ Additive Optional Rate Factor) Premium Rate = Factor * Multiplicative Optional Rate Adjustment Factor+ Additive Optional Rate Factor) Premium Rate = Internal 99999999999999999999999999999999999		Record Name Record Code	•			Version Release Date	: Approved	
Commodity Code 0015 Canola 0041 Corn 0067 Dry Peas 0093 Barley 0045 Dry Beants 0043 Popcorn 0075 Peanuts 0095 Weaned Calves 0047 Dry Beants 0048 Rpc 0047 Dry Beants 0078 Sunflowers 0805 Weaned Calves 080	Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
0016 Oats 0047 Paye Beans 0075 Peanuts 0075 Meanuts 0085 Weaned Calves Field Name Record Number Field Number Format Rounding Rules		0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans
O018 Rice O047 Dry Beans O778 Sunflowers O805 Weaned Calves	Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
Section 11: Premium Rate MINI (999, Base Premium Rate * Unit Structure Discount Premium Rate = Factor * Multiplicative Optional Rate Adjustment Factor Additive Optional Rate Factor) Multiplicative Optional Rate Mu		0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
Section 11: Premium Rate Number Number Number Format Rounding Rules		0018 Rice	0047 Dry Beans			0078 Sunflowers		0805 Weaned Calves
Section 11: Premium Rate To Determine the Premium Rate for the Cottonseed records: 1) Use the Rate Vield as determined under normal procedures. 2) Process the Rate Vield through section 3 these procedures using the rating componer for regular Cotton offer. If Vield Exclusion, Vield Cup, or Quality Loss is elected, see section 24 for the current year the Effective Coverage Level exceeds the MAX A pipiled later from section 2 of these procedures for regular Cotton offer. 4) Find the applicable Option Factors to be applied later from section 4 for regular Cotton offer. 5) Sections 5, 6, 7 are not applicable for Cottonseed records.			<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	
To Determine the Premium Rate for the Cottonseed records: 1) Use the Rate Yield as determined under normal procedures. 2) Process the Rate Yield through section 3 these procedures using the rating componer for regular Cotton offer. If Yield Exclusion, Yield Cup, or Quality Loss is these procedures using the rating componer for regular Cotton offer. If Yield Exclusion, Yield Cup, or Quality Loss is elected, see section 24 for the current year base premium rate calculation when the Effective Coverage level. Premium Rate Premium Rate Additive Optional Rate Adjustment Factor* Additive Optional Rate Factor) Premium Rate Internal 999999999999999999999999999999999999		Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules
Cottonseed records: 1) Use the Rate Yield as determined under normal procedures. 2) Process the Rate Yield through section 3 of these procedures using the rating componer for regular Cotton offer. If Yield Exclusion, Yield Cup, or Quality Loss in elected, see section 24 for the current year permium Rate = Factor * Multiplicative Optional Rate Adjustment Factor+Additive Optional Rate Factor) Premium Rate = Factor * Multiplicative Optional Rate Adjustment Factor+Additive Optional Rate Factor) Round to 8 decimals. Round to 8 decimals. Round to 8 decimals. Sign the Unit Structure Discount Factor to applied later from section 2 of these procedures for regular Cotton offer. 4) Find the applicable Option Factor to applied later from section 4 for regular Cotton offer. 5) Sections 5, 6, 7 are not applicable for Cottonseed records. Multiplicative Optional Rate Internal Multiplicative Optional Rate Internal Pagagagagagagagagagagagagagagagagagaga	Section 11: Premium Rate							
Additive Optional Rate Internal 999999.9999	Premium Rate	= Factor * Multiplicative Optional Rate Adjustment Factor+	Multiplicative Optional Rate Adjustment Factor	Internal		999999.9999	Round to 8 decimals.	Cottonseed records: 1) Use the Rate Yield as determined under normal procedures. 2) Process the Rate Yield through section 3 of these procedures using the rating components for regular Cotton offer. If Yield Exclusion, Yield Cup, or Quality Loss is elected, see section 24 for the current year base premium rate calculation when the Effective Coverage Level exceeds the MAX ADN coverage level. 3) Find the Unit Structure Discount Factor to be applied later from section 2 of these procedures for regular Cotton offer. 4) Find the applicable Option Factors to be applied later from section 4 for regular Cotton offer. 5) Sections 5, 6, 7 are not applicable for

	Rec	it Number: P11-1, Plan 01, 02, 03 ord Name: Acreage cord Code: P11				ar: 2025 on: Approved te: 6/27/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans
Commodity Code	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
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>
Section 12: Total Premiun	n Amount, Subsidy Amount, and Producer Premiur	m Amount					
		Preliminary Total Premium	Internal		999999999	Round to whole number.	
Preliminary Total Premium	= Premium Liability Amount * Premium Rate * Expo Factor * Premium Rate Surcharge Percent	Experience Factor	P11	47	9.999	None	Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".
		Premium Rate Surcharge Percent					Does not apply when option "YC" is elected. Set to 1.00.
Total Premium Amount	Preliminary Total Premium * Multiple Commodit	Total Premium Amount	P11	95	999999999	Round to whole number.	
Total Fremium Amount	Adjustment Factor		ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Subsidy Amount	Subsidy Amount = Total Premium Amount * Subsidy Percent		P11	93	999999999	Round to whole number.	If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 18 for subsidy calculations.
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.	

Exhibit Name: Premium Calculation Reinsurance Year: 2025 Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Version: Approved Record Code: P11 Release Date: 6/27/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0021 Cotton 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 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 Field Field Field Field Record **Calculations** Name Number Number **Format** Rounding Rules Trend Adjustment Option (TA), Yield Cup Option (YC), Quality Loss Option (QL), and Yield APH Yield Trend (Trend Adjustment Option 'TA'), Yield Cup (Option 'YC'), Quality Loss (Option 'QL'), and Yield Exclusion (Option 'YE') Exclusion Option (YE) ONLY available in select counties for selected crops. See "white papers" for examples. Section 13: Effective Coverage Level Calculation When Commodity Code equals Dry Beans "0047" and Type Code equals Contract "62", or Commodity Code equals Dry Peas "0067" and Type Code equals Spring Contract "98": Effective Coverage Level Internal 99.9999 Round to 2 decimals. Percent None Coverage Level Percent P14 34 9.9999 For APH Trend, Yield Cup, Quality Loss, and Effective Coverage Level _ Coverage Level Percent * Round(Approved Yield * Contract Yield Exclusion, the Approved Yield will be the Percent Price,0) / Adjusted Yield P11 42 9999999.99 None Approved Yield greater of the calculated Approved Yield and the Adjusted Yield. Contract Price P11 46 9999.9999 None Adjusted Yield P15 44 9999999.99 None For all others: Effective Coverage Level Rounded to 2 decimal Internal 99.9999 places. Percent Coverage Level Percent P14 34 9.9999 None For APH Trend, Yield Cup, Quality Loss, and Yield Exclusion, the Approved Yield will be the greater of the calculated approved yield and the adjusted yield. Effective Coverage Level P11 42 Approved Yield 9999999.99 None = Coverage Level Percent * Approved Yield/Adjusted Yield For skip row commodities, the approved yield is the converted approved yield from the P15 record with skip row (yield conversion factor) applied. For skip row commodities, the adjusted yield is the converted adjusted yield from the P15

P15

44

9999999.99

None

record with skip row (yield conversion factor)

applied.

Adjusted Yield

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Record Name: Acreage Version: Approved Record Code: P11 Release Date: 6/27/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0021 Cotton 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 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 Field Field Field Field Record **Calculations** Name Number Number **Format** Rounding Rules When Trend Adjustment Option (TA) was chosen and yield reflects a trend or when Yield Section 14: Rate Differential Factor Cup Option (YC) was chosen or when Quality Loss Option (QL) was chosen or when Yield Exclusion Option (YE) was chosen. When the Insurance Option Code List contains Options "QL", "YE" or "YC": Round to 9 decimal 9.99999999 Rate Differential Factor Internal places. Base Rate Differential Factor is equal to Rate Differential for Minimum of 1) Maximum available Coverage Level or; 2) available Base Rate Differential Factor ADM 9.99999999 None Coverage Level less than or equal to Effective

(1+ (ROUND (MIN ((MAX (0.85, Effective Coverage

Rate Differential Factor = Rate Differential Factor + (Upper Bound Rate Differential

Percent) * 20, 9))

Level Percent) -0.85) / 0.15) ,1)3,7)) * 0.05) * (Round(Base

Factor - Lower Bound Rate Differential Factor) * (Effective

Coverage Level Percent - Floored Effective Coverage Level

Coverage Level. Edit with ADM Coverage Level

Based on the 'upper bound' Coverage Level.

Edit with ADM Coverage Level Differential,

If the Effective Coverage Level equals an

based on the Effective Coverage Level.

existing ADM Coverage Level then this will be

If the Effective Coverage Level falls between

existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage

Differential, "A01040".

"A01040".

Level.

ADM

9.99999999

None

Upper Bound Rate Differential

Factor

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Yea Versio Release Dat		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	<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>
Rate Differential Factor	(1+ (ROUND (MIN (((MAX (0.85,Effective Coverage Level Percent) -0.85) / 0.15) ,1) ³ ,7)) * 0.05) * (Round(Base	Lower Bound Rate Differential Factor	ADM		9.99999999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Leve then this will be based on the second highest ADM Coverage Level.
	Rate Differential Factor + (Upper Bound Rate Differential Factor - Lower Bound Rate Differential Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level	Effective Coverage Level Percent	Internal		99.9999	None	
	Percent) * 20, 9))	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

	Exhibit Number Record Name Record Code	Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules_
		Prior Year Rate Differential Factor	Internal		9.99999999	Round to 9 decimal places.	
	Round(Base Prior Year Rate Differential Factor + (Upper	Base Prior Year Rate Differential Factor	ADM		9.99999999	None	Base Prior Year Rate Differential Factor is equal to Prior Year Rate Differential for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".
Prior Year Rate Differential Factor	Bound Prior Vear Rate Differential Factor - Lower Bound	Upper Bound Prior Year Rate Differential Factor	ADM		9.99999999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.

Exhibit Name: Premium Calculation Evhibit Number: P11 1 Plan 01 02 02

	Record Na	nber: P11-1, Plan 01, 02, 03 ame: Acreage ode: P11		Reinsurance Yea Versio Release Dat			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
	Round(Base Prior Year Rate Differential Factor + (Uppe	Lower Bound Prior Year Rate Differential Factor	ADM		9.999999999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.
	Bound Prior Year Rate Differential Factor - Lower Bound = Prior Year Rate Differential Factor) * (Effective Coverage)		Internal		99.9999	None	
(contintued)	Level Percent - Floored Effective Coverage Level Percent 20, 9)	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection		02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	<u>Calculations</u>		Field Name	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
When Trend Adjustment	Option "TA" is elected alone (excl	udes "YC" and "YE")						
			Rate Differential Factor	Internal		9.99999999	Round to 9 decimal places.	
			Base Rate Differential Factor	ADM		9.999999999	None	Base Rate Differential Factor is equal to Rate Differential for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".
Rate Differential Factor	Round(Base Rate Differential Fa - Differential Factor - Lower Bour (Effective Coverage Level Percei Coverage Level Percent) * 20, 9	nd Rate Differential Factor) * nt - Floored Effective	Upper Bound Rate Differential Factor	ADM		9.99999999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.

Exhibit Name: Premium Calculation Evhibit Number: P11 1 Plan 01 02 02

Painsurance Vear: 2025

	Record Name:	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion	
Commodity Code	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 0094 Rye 0805 Weaned Calves	
	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>	
		Lower Bound Rate Differential Factor	ADM		9.99999999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.	
		Effective Coverage Level Percent	Internal		99.9999	None		
Rate Differential Factor	Round(Base Rate Differential Factor + (Upper Bound Rate Differential Factor - Lower Bound Rate Differential Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 9)	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level Hen this will be the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level Level.	

	Exhibit Namer: Exhibit Number: Record Name: Record Code:	5			Reinsurance Yea Version Release Date		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	<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>	<u>Rules</u>
		Prior Year Rate Differential Factor	Internal		9.99999999	Round to 9 decimal places.	
	Round(Base Prior Year Rate Differential Factor + (Upper	Base Prior Year Rate Differential Factor	ADM		9.99999999	None	Base Prior Year Rate Differential Factor is equal to Prior Year Rate Differential for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".
Prior Year Rate Differential Factor	Bound Prior Year Rate Differential Factor - Lower Bound Prior Year Rate Differential Factor - Lower Bound = Prior Year Rate Differential Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 9)	Upper Bound Prior Year Rate Differential Factor	ADM		9.99999999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.

	Exhibit Number Record Name Record Code	•				ear: 2025 ion: Approved ate: 6/27/2024		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection			03 Revenue Protect	cion with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice Calculations	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field Record Name Number		_		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves Field Rounding Rules		
	Round(Base Prior Year Rate Differential Factor + (Upper	Lower Bound Prior Year Rate Differential Factor	ADM		9.999999999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.	
	Bound Prior Year Rate Differential Factor - Lower Bound = Prior Year Rate Differential Factor) * (Effective Coverage	Effective Coverage Level Percent	Internal		99.9999	None		
Prior Year Rate Bound Prior Year Rate Differential Factor - Lower Bound Differential Factor = Prior Year Rate Differential Factor) * (Effective Coverage (contintued)	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level Level.		

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Record Name: Acreage Version: Approved Record Code: P11 Release Date: 6/27/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0021 Cotton 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 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 Field Field Field Field Record **Calculations** <u>Name</u> Number Number **Format** Rounding Rules The lookup/interpolation/extrapolation procedure for 'Unit Residual Factor and Prior Unit Residual Factor' when Trend Adjustment Section 15: Unit Residual Factor Option (TA) was chosen and yield reflects a trend or when Yield Cup Option was chosen or when Quality Loss Option (QL) was chosen or when Yield Exclusion Option (YE) was chosen. When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU", use the following calculations for Unit Residual Factor and Prior Year Unit Residual Factor: The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels Round to 4 decimal Unit Residual Factor Internal 999.9999 within the chosen unit structure regardless of places. Coverage Type Code where applicable (Buyup/CAT). Base Unit Residual Factor is equal to Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level Base Unit Residual Factor ADM 999.9999 None less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".

	Exhibit Number: Record Name: Record Code:					version: Approved vase Date: 6/27/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice Calculations	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field Name	Record Number	<u>Field</u> Number	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field Format	Field Rounding	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
Unit Residual Factor	Round(Base Unit Residual Factor + (Upper Bound Unit Residual Factor - Lower Bound Unit Residual Factor) (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	*	ADM		999.9999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.

	Record Nan	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers			0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	Name	Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>			
		Lower Bound Unit Residual Factor	ADM		999.9999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.			
Unit Residual Factor	Round(Base Unit Residual Factor + (Upper Bound Unit Residual Factor - Lower Bound Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective	Effective Coverage Level Percent	Internal		99.9999	None				
	Coverage Level Percent) * 20, 4)	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.			

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion	
Commodity Code	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 0094 Rye 0805 Weaned Calves	
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>	
		Prior Year Unit Residual Factor	Internal		999.9999	Round to 4 decimal places.	The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure	
		Base Prior Year Unit Residual Factor	ADM		999.9999	None	Base Prior Year Unit Residual Factor is equal to Prior Year Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".	
Round(Base Prior Year Unit Residual Factor + (Upper Bou Prior Year Unit Residual Factor - Lower Bound Prior Year Factor Unit Residual Factor) * (Effective Coverage Level Percent Floored Effective Coverage Level Percent) * 20, 4)	Unit Residual Factor) * (Effective Coverage Level Percent -	Upper Bound Prior Year Unit Residual Factor	ADM		999.9999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.	
	Lower Bound Prior Year Unit Residual Factor	ADM		999.9999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.		

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2025

Version: Approved

		Record Name: Acreage			Version: Approved			
		Record Code: P11		Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion	
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans	
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas 0091		0091 Barley	
	0016 Oats	0043 Popcorn		0075 Peanuts 0094 Rye			0094 Rye	
	0018 Rice	0047 Dry Beans		0078 Sunflowers 0805 Weaned Calves			0805 Weaned Calves	
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>		
	<u>Calculations</u>	<u>Calculations</u> <u>Name</u> <u>Nu</u>			<u>Format</u>	Rounding	<u>Rules</u>	
	Effective Coverage Level Percent				99.9999	None		

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name: Acreage Record Code: P11			Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0051 Grain Sorghum 0041 Corn 0067 Dry Peas 0043 Popcorn 0075 Peanuts 0047 Dry Beans 0078 Sunflowers				0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
	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>	
Prior Year Unit Residual Factor (continued)	= Prior Year Unit Residual Factor - Lower Bound Prior Year Unit Residual Factor) * (Effective Coverage Level Percent -	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.	

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record		0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field	<u>Field</u>	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	<u>Rules</u>			
When Unit Structure Code	e is equal to Enterprise Unit, 'EU', use the following calculation	Enterprise Unit Residual Factor	Internal	rior Year Ente	erprise Unit Residual Facto	Round to 4 decimal places.	The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure			
		Base Enterprise Unit Residual Factor	ADM		999.9999	None	Base Enterprise Unit Residual Factor is equal to Enterprise Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".			
	Round(Base Enterprise Unit Residual Factor + (Upper Bound Enterprise Unit Residual Factor - Lower Bound Enterprise Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4		ADM		999.9999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.			

Exhibit Number: P11-1, Plan 01, 02, 03

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protec	tion with Harvest Price Exclusion		
Commodity Code	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 0094 Rye 0805 Weaned Calves		
	<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	Rules		
		Lower Bound Enterprise Unit Residual Factor	ADM		999.9999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.		
Enterprise Unit Residual Factor	Bound Enterprise Unit Residual Factor - Lower Bound	Effective Coverage Level Percent	Internal		99.9999	None			
(contintued)	Enterprise Unit Residual Factor) * (Effective Coverage Leve		Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.		

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record	<u>Field</u>	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	<u>Field</u>	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
	Calculations	Name Prior Year Enterprise Unit Residual Factor	<u>Number</u> Internal	Number	<u>Format</u> 999.9999	Rounding Round to 4 decimal places.	Rules The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure			
	Round(Base Enterprise Prior Year Unit Residual Factor +	Base Enterprise Prior Year Unit Residual Factor	ADM		999.9999	None	Base Enterprise Prior Year Unit Residual Factor is equal to Enterprise Prior Year Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".			
Prior Year Enterprise Unit Residual Factor	(Upper Bound Prior Year Enterprise Unit Residual Factor - = Lower Bound Prior Year Enterprise Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Upper Bound Prior Year Enterprise Unit Residual Factor	ADM		999.9999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.			

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name Record Code	•						
Insurance Plan Code	01 Yield Protection	02 Revenue Protection			03 Revenue Protec	03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans	0041 Corn 0067 Dry Per 0043 Popcorn 0075 Peanut				0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	Calculations	Field Name	Record Number	<u>Field</u> <u>Number</u>	Field Format	<u>Field</u> <u>Rounding</u>	Rules	
Prior Year Enterprise Unit	Round(Base Enterprise Prior Year Unit Residual Factor + (Upper Bound Prior Year Enterprise Unit Residual Factor - = Lower Bound Prior Year Enterprise Unit Residual Factor) *	Lower Bound Prior Year Enterprise Unit Residual Factor	ADM		999.9999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.	
	(Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Effective Coverage Level Percent	Internal		99.9999	None		
	Coverage reverselectify 20, 4)	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.	

Exhibit Number: P11-1, Plan 01, 02, 03

Insurance Plan Code	Exhibit Number Record Name Record Code 01 Yield Protection	•				n: Approved e: 6/27/2024 03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	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 0094 Rye 0805 Weaned Calves	
	<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>	<u>Rules</u>	
When Unit Structure Code	e is equal to Whole Farm Unit, 'WU', use the following calcula	whole Farm Unit Res Whole Farm Unit Residual Factor	idual Factor a	nd Prior Year	r Whole Farm Unit Residu 999.9999	Round to 4 decimal places.	The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure	
		Base Whole Farm Unit Residual Factor	ADM		999.9999	None	Base Whole Farm Unit Residual Factor is equal to Whole Farm Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".	
Whole Farm Unit Residual Factor	Round(Base Whole Farm Unit Residual Factor + (Upper Bound Whole Farm Unit Residual Factor - Lower Bound = Whole Farm Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Upper Bound Whole Farm Unit Residual Factor	ADM		999.9999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.	

Exhibit Number: P11-1, Plan 01, 02, 03

	Exhibit Number Record Name Record Code	•				n: 2025 n: Approved e: 6/27/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	<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>
Whole Farm Unit Residual	Round(Base Whole Farm Unit Residual Factor + (Upper Bound Whole Farm Unit Residual Factor - Lower Bound	Lower Bound Whole Farm Unit Residual Factor	ADM		999.9999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.
Factor	= Whole Farm Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) *	Effective Coverage Level Percent	Internal		99.9999	None	
(continued)	20, 4)	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be the Effective Coverage Level Percent. If the Effective Coverage Level Percent falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level Level.

	Exhibit Number Record Name Record Code	•			Reinsurance Yea Versioi Release Dato		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0016 Oats 0018 Rice Calculations	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field Name	Record Number	<u>Field</u> Number	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field Format	<u>Field</u> Rounding	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
		Prior Year Whole Farm Unit Residual Factor	Internal	Number	999.9999	Round to 4 decimal places.	The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure
	Round(Base Whole Farm Prior Year Unit Residual Factor + (Upper Bound Prior Year Whole Farm Unit Residual Factor - Lower Bound Prior Year Whole Farm Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Base Whole Farm Base Prior Year Unit Residual Factor	ADM		999.9999	None	Base Whole Farm Base Prior Year Unit Residual Factor is equal to Whole Farm Base Prior Year Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".
		Upper Bound Prior Year Whole Farm Unit Residual Factor	ADM		999.9999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.
	Round(Base Whole Farm Prior Year Unit Residual Factor + (Upper Bound Prior Year Whole Farm Unit Residual Factor - Lower Bound Prior Year Whole Farm Unit Residual Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Lower Bound Prior Year Whole Farm Unit Residual Factor	ADM		999.9999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.
		Effective Coverage Level Percent	Internal		99.9999	None	

	Exhibit Number Record Name Record Code	•		Reinsurance Year: 2025 Version: Appr Release Date: 6/27			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	Rules
Prior Year Whole Farm Unit Residual Factor	Round(Base Whole Farm Prior Year Unit Residual Factor + (Upper Bound Prior Year Whole Farm Unit Residual Factor) Lower Bound Prior Year Whole Farm Unit Residual Factor) (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)		Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.
Section 16: Unit Discount (Calculation is equal to Optional Unit, "OU", "UA", or "UD", use the foll	owing calculation for Unit Struct	ure Discount	Factor:	Factor, and Enterprise Unit D	Discount Factor' when Tre	'Optional Unit Discount Factor, Basic Unit Discount and Adjustment Option (TA), Yield Cup Option (YC), was chosen and yield reflects a trend.
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Unit Structure Discount Factor	Internal		9.99999999	Round to 4 decimal places.	Capped at 1.0
		Base Coverage Level Percent Optional Unit Discount Factor	ADM		9.99999999	None	Base Coverage Level Percent Optional Unit Discount Factor is equal to Percent Optional Discount for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".

	Exhibit Nui Record N	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection with Harvest Price Exclusion				
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans <u>Field</u>	<u>Record</u>	<u>Field</u>	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field	<u>Field</u>	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves			
ı	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	Rules			
Unit Structure Discount Factor	Round(Base Coverage Level Percent Optional Unit Disc Factor + (Upper Bound Coverage Level Percent Option = Unit Discount Factor - Lower Bound Coverage Level Pe Optional Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) *	al rcent evel	ADM		9.99999999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.			
		Lower Bound Coverage Level Percent Optional Unit Discount Factor	ADM		9.999999999	None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existin ADM Coverage Levels then this will be based on the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.			

	Exhibit Numbe Record Nam Record Cod	•		r: 2025 n: Approved e: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u>	<u>Field</u> Rounding	Rules
	Calculations	Effective Coverage Level Percent	Internal	Number	<u>Format</u> 99.9999	None	nuies
Factor (continued)	Round(Base Coverage Level Percent Optional Unit Discour Factor + (Upper Bound Coverage Level Percent Optional = Unit Discount Factor - Lower Bound Coverage Level Perce Optional Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20,	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.
when Unit Structure Code	is equal to Basic Unit, 'BU', use the following calculation fo	Unit Structure Discount Factor:	Internal		9.99999999	Round to 4 decimal	Capped at 1.0
		Base Coverage Level Percent Basic Unit Discount Factor	ADM		9.99999999	None	Base Coverage Level Percent Basic Unit Discount Factor is equal to Basic Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".

	: P11-1, Plan 01, 02, 03 : Acreage : P11			r: 2025 n: Approved e: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	on with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	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
Unit Structure Discount Factor	= Discount Factor - Lower Bound Coverage Level Percent	Upper Bound Coverage Level Percent Basic Unit Discount Factor	ADM		9.999999999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level then this will be based on the highest ADM Coverage Level.

Evhibit Number: B11 1 Blan 01 02 02

Insurance Plan Code	Exhibit Numbe Record Name Record Code	· ·		Reinsurance Yeaı Versior Release Date	ion with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans	0067 Dry Peas 0075 Peanuts			0051 Grain Sorghum 0081 Soybeans 0067 Dry Peas 0091 Barley 0075 Peanuts 0094 Rye 0078 Sunflowers 0805 Weaned Calves	
	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>
		Lower Bound Coverage Level Percent Basic Unit Discount Factor	ADM			None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Level shen this will be based on the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.
		Effective Coverage Level Percent	Internal		99.9999	None	
Unit Structure Discount Factor (continued)	= Discount Factor - Lower Bound Coverage Level Percent	Floored Effective Coverage Level Percent	Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

	Exhibit Number: Record Name: Record Code:	: P11			Reinsurance Year Version Release Date		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans	Record	Field	0078 Sunflowers Field	Field	0805 Weaned Calves
	Calculations	<u>Field</u> Name	Number	Number	Format	Rounding	Rules
When Unit Structure Code	is equal to Enterprise Unit, 'EU', use the following calculatio			110111101	10		<u></u>
when our structure code	is equal to Enterprise Only, 20, use the following calculation	Unit Structure Discount Factor	Internal		9.99999999	Round to 4 decimal places.	Capped at 1.0.
		Base Coverage Level Percent Enterprise Unit Discount Factor	ADM		9.99999999	None	Base Coverage Level Percent Enterprise Unit Discount Factor is equal to Enterprise Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".
	Round(Base Coverage Level Percent Enterprise Unit Discount Factor + (Upper Bound Coverage Level Percent Enterprise Unit Discount Factor - Lower Bound Coverage Level Percent Enterprise Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	Upper Bound Coverage Level Percent Enterprise Unit Discount Factor	ADM		9.999999999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the higher ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.
		Lower Bound Coverage Level Percent Enterprise Unit Discount Factor	ADM			None	Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will be based on the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage Record Code: P11 Reinsurance Year: 2025 Version: Approved

Release Date: 6/27/2024

<u>Insurance Plan Code</u> 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion

 Commodity Code
 0011 Wheat
 0021 Cotton
 0051 Grain Sorghum
 0081 Soybeans

 Commodity Code
 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

Field Record Field Field Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules Effective Coverage Level Internal None 99.9999 Percent

		•			n: 2025 n: Approved e: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans <u>Field</u>	Record	<u>Field</u>	0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field	<u>Field</u>	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves	
	<u>Calculations</u>	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>	
Unit Structure Discount Factor (continued)	Round(Base Coverage Level Percent Enterprise Unit Discount Factor + (Upper Bound Coverage Level Percent Enterprise Unit Discount Factor - Lower Bound Coverage Level Percent Enterprise Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)		Internal		99.9999	None	Based on the 'floored' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". If the Effective Coverage Level equals an existing ADM Coverage Level then this will be the Effective Coverage Level falls between existing ADM Coverage Level falls between existing ADM Coverage Levels then this will be the lower ADM Coverage Level. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.	
Downed Rice Endorsemen	t (DRE) Option 'DC'						CAT does not apply to Downed Rice (DRE). On Unit Structure Codes 'BU and OU' apply regardless of the base Rice selection. Price Election Percent for base Rice will apply to DRE Subsidy Level will be 38% for DRE regardless of the base Rice Unit Structure or Coverage Level Insured Share can be different for DRE than base Rice. Insured Share will be 100%. DRE coverage is not available for high-risk CAT acreage if excluded from additional coverage for Base Rice.	
Section 17: Liability Calcul	ation							
		Premium Liability Amount	Internal		999999999	Round to whole number.		
Premium Liability Amount	Dollar Amount of Insurance * Reported Acreage * Insured	Dollar Amount of Insurance	ADM		99999	None	Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = 'DC'.	
,	Share Percent * Price Election Percent	Reported Acreage	P11	48	9999999.99	None		
		Insured Share Percent	P11	43	9.9999	None	DRE insured share will always be 100% withou regards to base Rice.	

Exhibit Number: P11-1, Plan 01, 02, 03

Reinsurance Year: 2025 Version: Approved

		Record Name: Acreage Record Code: P11			Version: Approved Release Date: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion	
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans	
Commodity Code	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	
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>		
	<u>Calculations</u> <u>Name</u> <u>Nume</u>			<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>	
				ICE 9.9999 None From base Rice P14 recor			From base Rice P14 record.	

Evhibit Number: D11 1 Plan 01 02 02

	Record Name	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	tion with Harvest Price Exclusion		
Commodity Code	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 0094 Rye 0805 Weaned Calves		
	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		
		Liability Amount	P11	94	999999999	Round to whole number.			
	Dollar Amount of Insurance * Reported Acreage * Insured	Dollar Amount of Insurance	ADM		99999	None	Edit with ADM Price, "A00810", Fixed Coverage Amount with insurance option = 'DC'.		
Liability Amount	= Share Percent * Price Election Percent	Reported Acreage	P11	48	999999.99	None			
		Insured Share Percent	P11	43	9.9999	None	DRE insured share will always be 100% without regards to base Rice.		
		Price Election Percent	ICE		9.9999	None	From base Rice P14 record.		
Section-18: Total Premium	n Amount, Subsidy Amount, and Producer Premium Amount								
Preliminary Total		Preliminary Total Premium	Internal		999999999	Round to whole number.			
Premium	= Premium Liability Amount * Premium Rate	Premium Rate	ADM			None	Edit with ADM Option Rate, "A01060", rate with insurance option = 'DC'.		
Total Premium Amount	= Preliminary Total Premium	Total Premium Amount	P11	95	999999999	Round to whole number.			
Subsidy Amount	= Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	93	999999999	Round to whole number.	If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 18 for subsidy calculations.		
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070". Wil always be 38% for DRE.		
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.			
	ner and Rancher (BFR), Veteran Farmer Rancher (VFR), Nativ	e Sod (NS) and Conservation C	ompliance (CO	C) Subsidy Cal	culations				
Base Subsidy Amount	= Total Premium Amount * Subsidy Percent	Base Subsidy Amount	Internal		999999999	Round to whole number.	Cupped by the standard rule of \$1 if applicable.		
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".		
BFR/VFR Subsidy Amount	= Total Premium Amount * 0.10 * (1 - CC Subsidy Reduction Percent)	BFR/VFR Subsidy Amount	Internal		999999999	Round to whole number.	Beginning Farmer Rancher/Veteran Farmer Rancher Subsidy Amount. If Applicable; else 0. 0.10 (10%).		

Exhibit Name: Premium Calculation Evhibit Number: P11 1 Plan 01 02 02

Paincurance Vear: 2025

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection			03 Revenue Protection with Harvest Price Exclusion				
Commodity Code	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 0094 Rye 0805 Weaned Calves		
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	<u>Rules</u>		
Native Sod Subsidy Amount	= Total Premium Amount * 0.50	Native Sod Subsidy Amount	Internal		999999999	Round to whole number.	If Applicable; else 0. 0.50 (50%). For CAT coverage, Native Sod Subsidy Amount is always 0.		
CC Subsidy Reduction	= Base Subsidy Amount * CC Subsidy Reduction Percent	CC Subsidy Reduction Percent	P11	76	9.9999	None	If Applicable; else 0.		
Amount	= Base Subsidy Afficulty - CC Subsidy Reduction Percent	CC Subsidy Reduction Amount	P11	111	999999999	Round to whole number.	CC Subsidy Reduction Amount. If Applicable; else 0.		
Subsidy Amount	_ Base Subsidy Amount + BFR/VFR Subsidy Amount - Native	Subsidy Amount	P11	93	999999999	Round to whole number.	Subsidy Amount cannot exceed Total Premium Amount. Subsidy Amount will be cupped at \$0.		

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name Record Code	•							
surance Plan Code	01 Yield Protection	02 Revenue Protection			03 Revenue Protection with Harvest Price Exclusion				
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans		
Commodity Code	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		
		<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>		
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.			
tion 20: Yield Cup, Yie	eld Exclusion, Quality Loss, and Trend APH Current Year Base	Premium Rate Calculations (only	use when th	ne Effective C	overage Level for the reco	ord exceeds the highest	coverage level for the offer in the ADM		
tion 20: Yield Cup, Yie	eld Exclusion, Quality Loss, and Trend APH Current Year Base	Premium Rate Calculations (only Unadjusted Liability Amount	use when th	ne Effective C	overage Level for the reco	Round to whole number.	coverage level for the offer in the ADM		
		1		ne Effective C		Round to whole	coverage level for the offer in the ADM		
Unadjusted Liability	eld Exclusion, Quality Loss, and Trend APH Current Year Base y = Round((Coverage Level Percent/Effective Coverage Level Percent),10) * Premium Liability Amount	Unadjusted Liability Amount	Internal		999999999	Round to whole number.	coverage level for the offer in the ADM		

Exhibit Number: P11-1, Plan 01, 02, 03

	Exhibit Number: Record Name: Record Code:	lame: Acreage			Reinsurance Year Version Release Date		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	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
		Max Coverage Level Adjustment Factor	Internal		9999999999999999	Round to 8 decimals.	
		Unadjusted Liability Amount	Internal		999999999	Round to whole number.	
	When Unit Structure Code is equal to Optional Unit, "OU", "UA" or "UD:	Current Year Base Rate	Internal		9999999999.99999	Round to 8 decimals.	
	ROUND(1.00/ Current Year Base Rate,8) — ROUND(Unadjusted Liability Amount/(Current Year Base Rate * Premium Liability Amount),8) + ROUND(ROUND(Base Rate Differential Factor * Base Unit Residual Factor * Base Optional Unit Structure Discount Factor * Unadjusted Liability Amount,8)/Premium Liability Amount,8)	Premium Liability Amount	Internal		999999999	Round to whole number.	
		Base Rate Differential Factor	ADM		9.99999999	None	
		Base Unit Residual Factor	ADM		999.9999	None	
Max Coverage Level Adjustment Factor		Base Optional Unit Structure Discount Factor	ADM		9.99999999	None	Base Optional Unit Structure Discount Factor is equal to Optional Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than cequal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". See Section 19 for more info.
	When Unit Structure code is Basic Unit, "BU": ROUND(1.00/ Current Year Base Rate,8) — ROUND(Unadjusted Liability Amount/(Current Year Base Rate * Premium Liability Amount),8) + ROUND(ROUND(Base Rate Differential Factor * Base Unit Residual Factor * Base Basic Unit Structure Discount Factor * Unadjusted Liability Amount,8)/Premium Liability Amount,8)	Base Basic Unit Structure Discount Factor	ADM		9.99999999	None	Base Basic Unit Structure Discount Factor is equal to Basic Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". See Section 19 for more info. When the total planted acres for the unit is 0 (all acres are prevented planted) set to 1.00.

Exhibit Number: P11-1, Plan 01, 02, 03

	Exhibit Number: Record Name: Record Code:	ne: Acreage				r: 2025 n: Approved e: 6/27/2024	
Insurance Plan Code	01 Yield Protection				cion with Harvest Price Exclusion		
Commodity Code	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 0094 Rye 0805 Weaned Calves
	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	Rules
	When Unit Structure code is Enterprise Unit, "EU": ROUND(1.00/ Current Year Base Rate,8) — ROUND(Unadjusted Liability Amount/(Current Year Base Rate * Premium Liability Amount),8) + ROUND(ROUND(Base Rate Differential Factor * Base	Base Enterprise Unit Structure Discount Factor	ADM		9.99999999	None	Base Enterprise Unit Structure Discount Factor is equal to Enterprise Unit Discount Factor for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". See Section 19 for more info. When the total planted acres for the unit is 0 (all acres are prevented planted) set to 1.00.
Max Coverage Level Adjustment Factor : (continued)	Enterprise Unit Residual Factor * Base Enterprise Unit Structure Discount Factor * Unadjusted Liability Amount,8)/Premium Liability Amount,8)	Base Enterprise Unit Residual Factor	ADM		999.9999	None	Base Enterprise Unit Residual Factor is equal to Enterprise Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".
	When Unit Structure code is Whole Farm Unit "WU": ROUND(1.00/ Current Year Base Rate,8) —	Unit Structure Discount Factor	Internal		9.9999999	None	Capped at 1.0 See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).
	ROUND(Unadjusted Liability Amount/(Current Year Base Rate * Premium Liability Amount),8) + ROUND(ROUND(Base Rate Differential Factor * Base Whole Farm Unit Residual Factor * Unit Structure Discount Factor * Unadjusted Liability Amount,8)/Premium Liability Amount,8)	Base Whole Farm Unit Residual Factor	ADM		999.9999	None	Base Whole Farm Unit Residual Factor is equal to Whole Farm Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) available Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name	Record Name: Acreage			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection					03 Revenue Protection with Harvest Price Exclusion			
Commodity Code	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 0094 Rye 0805 Weaned Calves			
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>		
		Marginal rate Adjustment Marginal Adjustment Rate Factor	Internal		9.9999999	Round to 8 decimals.			
		Max Coverage Level Adjustment Factor	Internal		9999999999999999	Round to 8 decimals.			
	Max Coverage Level Adjustment Factor /(Rate Differential Factor * Unit Residual Factor * Unit Structure Discount	Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).		
	Factor)	Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).		
Marginal Rate Adjustment Factor		Unit Structure Discount Factor	Internal		9.9999999	None	Capped at 1.0 See Section 19 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).		
	When Unit Structure code is Enterprise Unit, "EU": Max Coverage Level Adjustment Factor /(Rate Differential Factor * Enterprise Unit Residual Factor * Unit Structure Discount Factor)	Enterprise Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) where Unit Structure Code equal to Enterprise Unit, 'EU'.		
	When Unit Structure code is Whole Farm Unit, "WU": Max Coverage Level Adjustment Factor /(Rate Differential Factor * Whole Farm Unit Residual Factor * Unit Structure Discount Factor)	Whole Farm Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), and "YE" (Yield Exclusion) where Unit Structure Code equal to Whole Farm Unit, 'WU'.		

Exhibit Number: P11-1, Plan 01, 02, 03

Record Name: Acreage

Reinsurance Year: 2025 Version: Approved

	Record Name Record Code	•			Version: Approved Release Date: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion	
Commodity Code	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 0094 Rye 0805 Weaned Calves	
	<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>	
		Current Year Base Premium Rate	Internal		9999999999999999	Round to 8 decimals.		
	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":	Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).	
	Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00)	Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) where Unit Structure Code equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, 'BU'.	
Current Year Base Premium Rate		Marginal Rate Adjustment Factor	Internal		9999999999999999	Round to 8 decimals.		
	When Unit Structure code is Enterprise Unit, "EU": Round(Current Year Base Rate * Rate Differential Factor * Enterprise Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00)	Enterprise Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) where Unit Structure Code equal to Enterprise Unit, 'EU'.	
-	When Unit Structure code is Whole Farm Unit, "WU": Round(Current Year Base Rate * Rate Differential Factor * Whole Farm Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00)	Whole Farm Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) where Unit Structure Code equal to Whole Farm Unit, 'WU	

	Exhibit Number Record Name Record Code	•					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
the ADM).	d Exclusion, Quality Loss, and Trend APH for CottonseedCu	Current Year Base Premium Rate	Internal	only use wn	99999999999999999999999999999999999999	Round to 8 decimals.	ecus the highest coverage level for the offer i
	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU": Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00)	Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion).
Current Year Base Premium Rate		Unit Residual Factor	ADM		999.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) where Unit Structure Code equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, 'BU'.
		Marginal Rate Adjustment Factor	Internal		9999999999999999	Round to 8 decimals.	Copy value over from the base lint line.
	When Unit Structure Code is is Enterprise Unit, "EU": Round(Current Year Base Rate * Rate Differential Factor * Enterprise Unit Residual Factor, 8) * MIN(Marginal Rate Adjustment Factor, 1.00)	Enterprise Unit Residual Factor	ADM		9.9999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment), "YC" (Yield Cup), "QL" (Quality Loss), and "YE" (Yield Exclusion) where Unit Structure Code equal to Enterprise Unit, 'EU'.

	Record Nan	it Number: P11-1, Plan 01, 02, 03 ord Name: Acreage cord Code: P11				r: 2025 n: Approved e: 6/27/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	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	Rules
This Section is Specificallly	y for Weaned Calf Risk Protection, Commodity Code, "0805	," Premium Calculations.	•	•			
Section 1: Liability Calcula	tion	_					
		Premium Guarantee Per Head Amount	Internal		999999999.99	If Unit of Measure equals Pounds "LBS", then round to whole number.	Common Crop Insurance Policy definition 'production guarantee (per head)'.
Premium Guarantee Per Head Amount	= Approved Yield * Coverage Level Percent	Approved Yield	P11	42	99999999.99	None	Approved Yield must be in whole pounds when Commodity Code equals Weaned Calf, "0805."
		Coverage Level Percent	P14	34	9.9999	None	The Coverage Level Percent in this section is ALWAYS the chosen coverage level and NOT the Effective Coverage Level.
Guarantee Per Head Amount	Premium Guarantee Per Head Amount * Guarantee Adjustment Factor	Guarantee Per Head Amount	Internal		999999999999999999999999999999999999999	If Unit of Measure equals Pounds "LBS", then round to whole number.	Guarantee Per Head Amount should be rounded to whole pounds for Weaned Calf, "0805".
		Guarantee Adjustment Factor	P11	69	0.999	None	Edit with the Guarantee Adjustment ICE, "D00068".
		Formulated Producer Projected Price	Internal		9.9999		
Formulated Producer = Frojected Price (6	Projected Price * (1+Projected Price Adjustment Factor * (650-MAX(200, MIN(750, Approved Yield))))	Projected Price	ADM		99999.9999		Liability for Yield Protection, "01" allows the producer the opportunity to choose a percentage of the Projected Price. Liability for Revenue Protection, "02", or Revenue Protection with Harvest Price Exclusion, "03", requires the producer to choose 100 percent of the Projected Price. Edit with ADM Price, "00810".
		Projected Price Adjustment Factor	ADM		9.99999	None	Edit with ADM Price, "00810".
		Approved Yield	P11	42	9999999.99	None	Approved Yield must be in whole pounds when Commodity Code equals Weaned Calf, "0805."

Exhibit Number: P11-1, Plan 01, 02, 03

		Record Name: Acreage Record Code: P11			Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion		
Commodity Code		0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans			0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers	Release Date: 6/27/2024			
	Calculations	Field Name	Record Number	<u>Field</u> Number	<u>Field</u>				
		Price Election Amount	Internal			When Commodity Code equals Weaned Calf, "0805", round to nearest whole cent			
Price Election Amount	Formulated Producer Projected Price * Price Election Percent	Formulated Producer Projected Price	Internal		9.9999				
		Price Election Percent	ICE		9.9999	None	"02", or Revenue Protection with Harvest Price Exclusion, "03". Edit with ICE Price Election		
Premium Total Guarantee	Premium Guarantee Per Head Amount * Price Election Amount * Reported Head Count	Premium Total Guarantee Amount	Internal		99999999.99	Round to 2 decimals.			
Amount	Amount * Reported Head Count	Price Election Amount	Internal		9999.9999	None			
		Reported Head Count	P11	90	99999999999	None			
Tatal Cusyantas Amazunt	Guarantee Per Head Amount * Price Election Amount *	Total Guarantee Amount	P11	103	9999999.99	Round to 2 decimals.			
Total Guarantee Amount	= Reported Head Count	Price Election Amount	Internal		9999.9999	None			
		Reported Head Count	P11	90	999999.99	None			
Premium Liability Amount	= Premium Total Guarantee Amount * Insured Share Percent	Premium Liability Amount	Internal		999999999				
		Insured Share Percent	P11	43	9.9999	None			
Liability Amount	= Total Guarantee Amount * Insured Share Percent	Liability Amount	P11	94	999999999	Round to whole number.			
		Insured Share Percent	P11	43	9.9999	None			

Exhibit Number: P11-1, Plan 01, 02, 03

	Acreage								
	Record Code:	PII			Release Dat	e: 6/2//2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion		
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans		
Commodity Code	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		
		<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>	Rounding	<u>Rules</u>		
ction 2: Unit Discount Ca	lculation						The appropriate discount factor should be looked up and applied.		
Init Structure Discount	When Unit Structure Code is Basic Unit, "BU":	Unit Structure Discount Factor	Internal		9.99999999	None	capped at 1.0		
Factor	Basic Unit Discount Factor	Basic Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090".		
Revenue Lookup	When the Unit Structure Code is Basic Unit, "BU":	Revenue Lookup Adjustment Factor	Internal		9.99999999	None			
Adjustment Factor	Unit Structure Discount Factor	Unit Structure Discount Factor	Internal		9.9999999	None			
ction 3: Base Premium Ra	ate Calculation								
Current Year Yield Ratio = Rate Yield / Reference Amount		Current Year Yield Ratio	Internal		9.9999	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.		
current real fred flatto	nate near, nevertible name	Rate Yield	P15	35	99999999.99	None			
		Reference Yield	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".		
		Prior Year Yield Ratio	Internal		9.9999	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.		
Prior Year Yield Ratio =	Rate Yield / Prior Year Reference Amount	Rate Yield	P15	35	99999999.99	None			
		Prior Year Reference Amount	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".		
Current Year Rate	= Current Year Yield Ratio ^ Exponent Value	Current Year Rate Multiplier	Internal		9999.99999999	Round to 8 decimals.			
Multiplier -	- Current real field Katlo "Exponent Value	Exponent Value	ADM		\$99.999	None	Edit with ADM Base Rate, "A01010".		
rior Year Rate Multiplier =	= Prior Year Yield Ratio ^ Prior Year Exponent Value	Prior Year Rate Multiplier	Internal		9999.99999999	Round to 8 decimals.			
		Prior Year Exponent Value	ADM		S99.999	None	Edit with ADM Base Rate, "A01010".		
		Current Year Base Rate	Internal		99999999999999999	Round to 8 decimals.			
Current Year Base Rate = Current Year Rate Multiplier * Reference Rate + Fixed rate		Current Year Rate Multiplier	Internal		9999.99999999	None			
		Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
		Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
		Prior Year Base Rate	Internal		9999999999999999	Round to 8 decimals.			
Prior Vear Race Pate	_ Prior Year Rate Multiplier * Prior Year Reference Rate +	Prior Year Rate Multiplier	Internal		9999.9999999	None			
Prior Year Base Rate	Prior Year Fixed rate	Prior Year Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
		Prior Year Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		

Exhibit Number: P11-1, Plan 01, 02, 03

	Exhibit Number: Record Name: Record Code:		Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection with Harvest Price Exclusion		
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0051 Grain Sorghum 0041 Corn 0067 Dry Peas 0043 Popcorn 0075 Peanuts 0047 Dry Beans 0078 Sunflowers				0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
	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	
Current Year Base	When Unit Structure Code is equal to Basic Unit, "BU":	Current Year Base Premium Rate	Internal		9999999999999999	Round to 8 decimals.		
Premium Rate	Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8)	Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".	
Prior Year Base Premium	When Unit Structure Code is equal to Basic Unit, "BU":	Prior Year Base Premium Rate	Internal		9999999999999999	Round to 8 decimals.		
Rate	Round(Prior Year Base Rate * Prior Year Rate Differential Factor * Prior Year Unit Residual Factor, 8)	Prior Year Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".	
Base Premium Rate :	MIN (Current Year Base Premium Rate, Prior Year Base Premium Rate * 1.2, .999)	Base Premium Rate	P11	97	9999999999999999	Round to 8 decimals.		
Revenue Lookup Rate :	MIN(Current Year Base Rate, Prior Year Base Rate * 1.2, 0.9999)	Revenue Lookup Rate	Internal		99999999999999	Round to 4 decimals.		

Evhibit Number: P11 1 Plan 01 02 02

Painsurance Vear: 2025

	Exhibit Number: Record Name: Record Code:	•			Reinsurance Yea Versior Release Date		
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n 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 0075 Peanuts 0078 Sunflowers		0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	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	Rules
Section 4: Optional Coverage	ge (Additive "A" and Multiplicative "M")						
		Additive Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
Additive Optional Rate Adjustment Factor	When Rate Method Code is Additive, "A": = ∑ Option Rate * Rate Differential Factor	Option Rate	ADM		99999.9999	None	Option Rate will be the Sum of all Option Rate with Rate Method Code equal to Additive, "A". Edit with ADM Option Rate, "A01060".
		Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential, "A01040".
Multiplicative Optional	When Rate Method Code is Multiplicative, "M":	Multiplicative Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
Rate Adjustment Factor	\(\text{Option Rate1 * Option Rate2 * Option Rate3} \)	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
Section 5: Revenue Covera	ge Add on Rates (Applicable only for Plans 02 and 03)						
		Lookup Rate	Internal		9999999999.9999	Round to 4 decimals.	
Lookup Rate :	= Revenue Lookup Rate * Revenue Lookup Adjustment Factor	Revenue Lookup Rate	Internal		999999999999999	Round to 4 decimals.	From Section 3.
		Revenue Lookup Adjustment Factor	Internal		9.9999999	None	From Section 2.
		Adjusted Mean Quantity (AdjMean)	Internal		999999.99999999	Round to 8 decimals.	
		Approved Yield (AY)	P11	42	99999999.99	None	
Adjusted Mean Quantity	= Approved Yield * Mean Quantity / 100	Mean Quantity	ADM		999.99999999	None	Edit with ADM Combo Revenue Factor, "A01030". Search the Combo Revenue Factor, "A01030"
Adjusted Mean Quantity :	= Approved Yield * Mean Quantity / 100	Approved Yield (AY) Mean Quantity		42			"A01030".

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Nan Record Co	ne: Acreage de: P11		Version: Approved Release Date: 6/27/2024			
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
		Adjusted Standard Deviation Quantity (AdjStndDev)	Internal		9999999999999999	Round to 8 decimals.	
Adjusted Standard Deviation Quantity	= Approved Yield * Standard Deviation Quantity / 100	Approved Yield (AY) Standard Deviation Quantity	P11 ADM	42	999999999999999999999999999999999999999	None	Edit with ADM Combo Revenue Factor, "A01030". Search the Combo Revenue Factor "A01030" for the Standard Deviation Quantity using Lookup Rate.
	Ln(Formulated Producer Projected Price) – (Price Volatility Factor) ² / 2	log Mean Quantity (LnMean)	Internal		999999.9999999	Round to 8 decimals.	
LnMean		Formulated Producer Projected Price	Internal		99999.9999		
		Price Volatility Factor	ADM		9.99		Edit with ADM Price, "A00810".
Yield Draw Quantity _{Sequence Number}	For Sequence Number 1 to 500 = Yield Draw Quantity	Yield Draw Quantity	ADM		\$99.99999999	None	Edit with ADM Beta, "A01020". Use the Beta ID field from ADM Insurance Offer, "A00030" and the Beta "A01020" to obtain the applicable draws. There should be 500 draws (or sequence numbers) per Beta Id for every distinct Beta Id in the Insurance Offer ADM, "A00030".
Price Draw Quanity _{Sequence}	For Sequence Number 1 to 500 = Price Draw Quantity	Price Draw Quantity	ADM		\$99.99999999	None	Edit with ADM Beta, "A01020". Use the Beta ID field from ADM Insurance Offer, "A00030" and the Beta "A01020" to obtain the applicable draws. There should be 500 draws (or sequence numbers) per Beta Id for every distinct Beta Id in the Insurance Offer ADM

Exhibit Name: Premium Calculation Evhibit Number: B11 1 Blan 01 02 02

	Exhibit Number Record Name Record Code	·					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0016 Oats 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record		0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field	Field	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves
	Calculations	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
		Simulated Yield Protection Losses Quantity(SimYPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	
		Formulated Producer Projected Price (FormPPP)	Internal		9.9999		
		Projected Priced (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810".
	Secund(MAX(0, AV * covly) * FormPPP -	log Mean Quantity (LnMean)	Internal		999999.9999999	Round to 8 decimals.	
Simulated Yield Protection Losses =	= (Round(MAX(0,Yieldi*AdjStdDev+AdjMean)	Projected Price Adjustment Factor (PPAF)	ADM		9.99999	None	Edit with ADM Price, "00810".
		Approved Yield (AY)	P11	42	99999999.99	None	
		Adjusted Standard Deviation Quantity (AdjStdDev)	Internal		9999999999999999	Round to 8 decimals.	
		Adjusted Mean Quantity (AdjMean)	Internal		999999.99999999	Round to 8 decimals.	
		Coverage Level Percent (covlvl)	P14	34	9.9999	None	
		Price Draw Quantity _i (Price _i)	ADM		99.99999999	None	
		Yield Draw Quantity _i (Yield _i)	ADM		99.99999999	None	
		Simulated Revenue Protection Losses Quantity(SimRPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	
	500	Formulated Producer Projected Price (FormPPP)	Internal		9.9999		
	Σ Round(MAX(0, AY * covlvl * Round(MAX(FormPPP,	Price Volatility Factor (PVF)	ADM		9.99		Edit with ADM Price, "A00810".
	i=1 Round(MIN(2 * FormPPP, Round((1 + PPAF * (650 - MAX(200, MIN(750, AY)))) * e ^{(Price) *}	log Mean Quantity (LnMean)	Internal		999999.9999999	Round to 8 decimals.	
Simulated Revenue Protection Losses =	= PVF + LnMean),12)),12)),12) - (Round(Projected Price Adjustment Factor (PPAF)	ADM		9.99999	None	Edit with ADM Price, "00810".
Quantity	MAX(0, Yieldi * AdjStdDev + AdjMean),12) *	Approved Yield (AY)	P11	42	99999999.99	None	
*(650 - N	Round(MIN(2 * FormPPP, Round((1 + PPAF * (650 - MAX(200, MIN(750, (Round(MAX(0,	Adjusted Standard Deviation Quantity (AdjStdDev)	Internal		9999999999999999	Round to 8 decimals.	
	Yieldi *AdjStdDev + AdjMean),12)))))) * e ^(Pricei * PVF + LnMean) ,12)), 12))),12)	Adjusted Mean Quantity (AdjMean)	Internal		999999.9999999	Round to 8 decimals.	

Exhibit Number: P11-1, Plan 01, 02, 03

	Record Name Record Code	· ·			Versior Release Date	1: Approved	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection			neiease Date		n with Harvest Price Exclusion
Commodity Code	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 0094 Rye 0805 Weaned Calves	
	Calculations	<u>Field</u> Name	<u>Record</u> Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
		Coverage Level Percent (covlvl)	P14	34	9.9999	None	
		Price Draw Quantity _i (Price _i)	ADM		S99.99999999	None	
		Yield Draw Quantity _i (Yield _i)	ADM		S99.99999999	None	
		Simulated Revenue Protection with Harvest Price Exclusion Losses Quantity (SimRPhpeLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	
		Formulated Producer Projected Price (FormPPP)	Internal		9.9999		
	500	Price Volatility Factor (PVF)	ADM		9.99		Edit with ADM Price, "A00810".
Simulated Revenue Protection with Harvest	Σ Round(MAX(0, AY * covlvl * FormPPP - (Round(i=1 Max(0, Yieldi * AdjStdDev + AdjMean),12) *	log Mean Quantity (LnMean)	Internal		999999.9999999	Round to 8 decimals.	
Price Exclusion Losses	* (650 - MAX(200, MIN(750,(Round(MAX(0,	Projected Price Adjustment Factor (PPAF)	ADM		9.99999	None	Edit with ADM Price, "00810".
Quantity	Yieldi *AdjStdDev + AdjMean),12)))))) *	Approved Yield (AY)	P11	42	99999999.99	None	
	e ^(Pricei * PVF + LnMean) ,12)), 12))),12)	Adjusted Standard Deviation Quantity (AdjStdDev)	Internal		9999999999999999	Round to 8 decimals.	
		Adjusted Mean Quantity (AdjMean)	Internal		999999.9999999	Round to 8 decimals.	
		Coverage Level Percent (covlvl)	P14	34	9.9999	None	
		Price Draw Quantity, (Price,)	ADM		S99.999999999	None	
		Yield Draw Quantity, (Yield,)	ADM		S99.999999999	None	
Protection Base Premium	(Simulated Yield Protection Losses Quantity / 500) / = (Approved Yield * Coverage Level Percent * Formulated Producer Projected Price)	Simulated Yield Protection Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	
Protection Base Premium	(Simulated Revenue Protection Losses / 500) / (Approved = Yield * Coverage Level Percent * Formulated Producer Projected Price)	Simulated Revenue Protection Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	

Evhibit Number: P11 1 Plan 01 02 02

Painsurance Vear: 2025

	Record Name:	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion		
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans		
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley		
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye		
	0018 Rice	0047 Dry Beans			0078 Sunflowers	1	0805 Weaned Calves		
	Calculations	<u>Field</u> <u>Name</u>	<u>Record</u> <u>Number</u>	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>		
Simulated Revenue Protection with Harvest Price Exclusion Base Premium Rate	(Simulated Revenue Protection with harvest Price Exclusion = Losses Quantity / 500) / (Approved Yield * Coverage level Percent * Formulated Producer Projected Price)	Simulated Revenue Protection with Harvest Price Exclusion Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.			
Protection Premium Add	MAX(Simulated Revenue Protection Base Premium Rate - = Simulated Yield Protection Base Premium Rate, 0.01 * Base Premium Rate)	Preliminary Revenue Protection Premium Add on Rate	Internal		999999.99999999	Round to 8 decimals.	This is a control meant to ensure that the premium rate associated with Revenue Protection is at least 1% greater than the basic Base Premium Rate where the Price Volatility Factor is NOT EQUAL to 0.		
Preliminary Revenue Protection with Harvest Price Exclusion Add on Rate	MAX(Simulated Revenue Protection with Harvest Price = Exclusion Base Premium Rate - Simulated Yield Protection Base Premium Rate, -0.5 * Base Premium Rate)	Preliminary Revenue Protection with Harvest Price Exclusion Add on Rate	Internal		999999.99999999	Round to 8 decimals.	This is a control meant to ensure that the premium rate associated with Revenue Protection with Harvest Price Exclusion will not be less than half of the Base Premium Rate where the Price Volatility Factor is NOT EQUAL to 0.		

Exhibit Name: Premium Calculation Exhibit Number: P11-1, Plan 01, 02, 03 Reinsurance Year: 2025 Record Name: Acreage Version: Approved Record Code: P11 Release Date: 6/27/2024 03 Revenue Protection with Harvest Price Exclusion **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 0011 Wheat 0021 Cotton 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 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 Field Field Field Field Record **Calculations** <u>Name</u> Number Number **Format** Rounding Rules The Premium Rate for ALL Unit Structures should be capped at .999 in the event various Section 6: Premium Rate adjustments to the Base Premium Rate would cause it to exceed 1.0. Set Capped Revenue Add On Factor as follows: If Insurance Plan Code equals 01, Capped Revenue Add On Factor will equal zero. Set Capped Revenue Add On Factor as follows: If Section 6 is applicable, Capped Revenue Add On Factor will equal Capped Revenue MIN(.999, Base Premium Rate * Unit Structure Discount Protection Add On Rate when Insurance Plan Factor * Multiplicative Optional Rate Adjustment Factor+ Code equals 02 or Capped Revenue Protection Premium Rate = Premium Rate Internal Round to 8 decimals. Additive Optional Rate Factor + Capped Revenue Add On with Harvest Price Exclusion Add On Rate when Factor) Insurance Plan Code equals 03. If Section 6 is not applicable, Capped Revenue Add On Factor will equal Preliminary Revenue Protection Add On Rate when Insurance Plan Code equals 02 or Preliminary Revenue Protection with Harvest Price Exclusion Add On Rate when Insurance Plan Code equals 03.

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11			Reinsurance Year: 2025 Version: Approved Release Date: 6/27/2024					
Insurance Plan Code 01 Yi	ield Protection	02 Revenue Protection				03 Revenue Protect	tion with Harvest Price Exclusion		
Commodity Code 0015	1 Wheat 5 Canola 6 Oats 8 Rice	0021 Cotton 0041 Corn 0043 Popcorn 0047 Dry Beans Field	Record	(0051 Grain Sorghum 0067 Dry Peas 0075 Peanuts 0078 Sunflowers Field	Field	0081 Soybeans 0091 Barley 0094 Rye 0805 Weaned Calves		
<u>Calcı</u>	<u>ulations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>		
Section 7: Total Premium Amour	nt, Subsidy Amount, and Producer Premium Amount								
		Preliminary Total Premium	Internal		999999999	Round to whole number.			
Preliminary Total Foot	nium Liability Amount * Premium Rate * Experience	Experience Factor	P11	47	9.999	None	Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".		
Premium = Factor Mult	or * Premium Surcharge Percent * Total Premium tiplicative Optional Rate Adjustment Factor	Premium Surcharge Percent	Internal				Use when the Approved Yield Had a Cup or Surcharge applied.		
		Total Premium Multiplicative Optional Rate Adjustment Factor	ADM		9.9999	None	If Option Rate with Rate Method Code equal "T". Edit with ADM Option Rate, "A01060". Currently this will be used for Short Rate Option.		
Preli	iminary Total Premium * Multiple Commodity	Total Premium Amount	P11	95	999999999	Round to whole number.			
	istment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Used when there is a first Commodity Loss.		
Subsidy Amount = Tota	ıl Premium Amount * Subsidy Percent	Subsidy Amount	P11	93	999999999	Round to whole number.	If this record qualifies for Beginning Farmer an Rancher, see Section 18 for subsidy calculations.		
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".		
Producer Premium Amount = Tota	ıl Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.			
Section 8: Total Premium Amour	nt, Subsidy Amount, and Producer Premium Amount								
		Preliminary Total Premium	Internal		999999999	Round to whole number.			
$\frac{\text{Preliminary Total}}{\text{Premium}} = \frac{\text{Premiu}}{\text{Factor}}$	nium Liability Amount * Premium Rate * Experience or * Premium Rate Surcharge Percent	Experience Factor	P11	47	9.999	None	Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".		
		Premium Rate Surcharge Percent					Use when the Approved Yield Had a Cup or Surcharge applied.		
Lotal Dramilim Amount -	iminary Total Premium * Multiple Commodity	Total Premium Amount	P11	95	999999999	Round to whole number.			
Adju	istment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".		

Exhibit Number: P11-1, Plan 01, 02, 03

	Exhibit Number: P11-1, Plan 01, 02, 03 Record Name: Acreage Record Code: P11				Reinsurance Yea Versio		
						e: 6/27/2024	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0051 Grain Sorghum		0081 Soybeans
Commodity Code	0015 Canola	0041 Corn			0067 Dry Peas		0091 Barley
	0016 Oats	0043 Popcorn			0075 Peanuts		0094 Rye
	0018 Rice	0047 Dry Beans			0078 Sunflowers	1	0805 Weaned Calves
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
Subsidy Amount :	= Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	93	999999999	Round to whole number.	If this record qualifies for Beginning Farmer and Rancher, see Section 18 for subsidy calculations.
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.	
Section 9: Total Premium /	Amount, Subsidy Amount, and Producer Premium Amount						
Preliminary Total	= Premium Liability Amount * Premium Rate	Preliminary Total Premium	Internal		999999999	Round to whole number.	
Premium		Premium Rate	ADM			None	
Total Premium Amount	= Preliminary Total Premium	Total Premium Amount	P11	95	999999999	Round to whole number.	
Subsidy Amount	= Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	93	999999999	Round to whole number.	If this record qualifies for Beginning Farmer and Rancher, see Section 18 for subsidy calculations.
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.	
Section 10: Beginning Farm	ner and Rancher (BFR) and Veteran Farmer Rancher (VFR), ar	nd Subsidy Calculations					
Dana Culacido Assassada	Takal Danasiana Assaulta & Cultaida Danasat	Base Subsidy Amount	Internal		999999999	Round to whole number.	Cupped by the standard rule of \$1 if applicable.
Base Subsidy Amount	= Total Premium Amount * Subsidy Percent	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
BFR/VFR Subsidy Amount	= Total Premium Amount * 0.10 * (1 - CC Subsidy Reduction Percent)	BFR/VFR Subsidy Amount	Internal		999999999	Round to whole number.	Beginning Farmer Rancher/Veteran Farmer Rancher Subsidy Amount. If Applicable; else 0.
	= Base Subsidy Amount + BFR/VFR Subsidy Amount	Subsidy Amount	P11	93	999999999	Round to whole number.	Subsidy Amount cannot exceed Total Premium Amount. Subsidy Amount will be cupped at \$0.
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	94	999999999	Round to whole number.	