Record Name: Acreage Record Code: P11 Reinsurance Year: 2013
Version: Approved
Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules Section 1: Liability Calculation If Unit of Measure equals Pounds "LBS", then round to whole number. Common Crop Insurance Policy definition 'production guarantee (per acre)'. If Unit of Measure Premium Guarantee Per Acre 99999999.99 Internal Amount equals Tons "TONS", Premium Guarantee Per Acre Amount should be then round to 2 rounded to whole pounds for Dry Beans, "0047" decimals. (all types), and Dry Peas, "0067" (all types). Otherwise, round to 1 decimal. Premium Guarantee Per = Approved Yield \* Coverage Level Percent For APH Trend, the Approved Yield will be the greater of the Trended yield and the adjusted yield (the approved yield that would have been if TA wasn't selected without the effects to cups or floors) Approved Yield P11 46 9999999.99 None For skip row commodities, the approved yield is the coverted approved yield from the P15 record with skip row (yield conversion factor) applied. For APH Trend the Coverage Level Percent in Coverage Level Percent P14 34 9.9999 None this section is ALWAYS the chosen coverage level and NOT the Effective Coverage Level.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013
Version: Approved
Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules When Guarantee Adjustment Type Code equals Late Planting, "L" OR Prevented Planting, "P": If Unit of Measure equals Pounds "LBS", then round to whole number. Premium Guarantee Per Acre Amount \* Guarantee Guarantee Per Acre Amount should be rounded Adjustment Factor If Unit of Measure 99999999.99 to whole pounds for Dry Beans, "0047" (all Guarantee Per Acre Amount Internal Guarantee Per Acre equals Tons "TONS", types), and Dry Peas, "0067" (all types). Amount then round to 2 decimals. Otherwise, round to 1 decimals. Edit with the Guarantee Adjustment ICE, Guarantee Adjustment Factor P11 75 0.999 None "D00068". When Commodity Code equals Barley, "0091", Corn, "0041", Cotton, "0021", Grain Sorghum, "0051", Soybeans, "0081" or Wheat, "0011"; round to nearest whole cent [\$9.99]. If result is based on Contract Price for specialty type Corn, Soybeans or Barley; round to nearest one hundredth cent (\$9.9999).

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Field Record **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules When Commodity Code equals Canola, Price Election Amount Internal 9999.9999 "0015", Rice, "0018", Sunflowers, "0078"; round to nearest onetenth cent [\$9.999]. If result is based on Contract Price for specialty type Canola; round to nearest one hundredth cent (\$9.9999). When Commodity Code equals Popcorn, "0043", Dry Beans, "0047", or Dry Peas,"0067" round to nearest onehundredth cent Price Election Amount = Projected Price (or Contract Price) \* Price Election Percent [\$9.9999]. 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 Projected Price ADM 99999.9999 Protection with Harvest Price Exclusion, "03", requires the producer to choose 100 percent of the Projected Price. Edit with ADM Price, "00810".

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0021 Cotton

Record Name: Acreage Record Code: P11

0011 Wheat

Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

0078 Sunflowers

0047 Dry Beans

Insurance Plan Code 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion

Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
		Contract Price	P11	50	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 Guarantoo	Dramium Guarantee Per Acre Amount * Price Flortion	Premium Total Guarantee Amount	Internal		99999999.99	Round to 2 decimals.	
	Premium Guarantee Per Acre Amount * Price Election The Amount * Reported Acreage	Price Election Amount	Internal		9999.9999	None	
Amount	Amount Reported Acreage	Reported Acreage	P11	52	99999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				02 Povenue Protection	n with Harvest Price Exclusion
insurance Plan Code	of field Protection	02 Revenue Protection				os revenue Protection	i with harvest File Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	Rules
	Guarantee Per Acre Amount * Price Election Amount *	Total Guarantee Amount	P11	100	99999999.99	Round to 2 decimals.	
Total Guarantee Amount =	Reported Acreage	Price Election Amount	Internal		9999.9999	None	
	керогіей Астеаде	Reported Acreage	P11	52	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.
Dramium Liability Amount -	Premium Total Guarantee Amount * Insured Share Percent	Premium Liability Amount	Internal		999999999	Round to whole	
Premium Liability Amount -	- Premium Total Guarantee Amount - insureu Share Percent	Insured Share Percent	P11	47	9.9999	None	
Liability Amount -	- Total Guarantee Amount * Insured Share Percent	Liability Amount	P11	91	999999999	Round to whole number.	
Liability Amount -	Total Quarantee Amount Insured Share Percent	Insured Share Percent	P11	47	9.9999	None	
Section 2: Base Premium Ra	te Calculation						
		Current Year Yield Ratio	Internal		9.9999	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.
Current Year Yield Ratio =	Rate Yield / Reference Amount	Rate Yield	P15	35	9999999.99	None	For skip row commodities, the rate yield is the coverted 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".
		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 coverted 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".
Current Year Rate = Multiplier	- Current Year Yield Ratio ^ Exponent Value	Current Year Rate Multiplier	Internal		9999.9999999	Round to 8 decimals.	
iviuitiplier		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		S99.999	None	Edit with ADM Base Rate, "A01010".

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	Rules
	When Rate Method Code is Fixed, "F":	Current Year Base Rate	Internal		9999999999999999	Round to 8 decimals.	
	= Sub County Rate	Sub County Rate	ADM		99.9999	None	Edit with ADM Sub County Rate, "A01050' See Section 21 for Written Agreement Sub County Rate information.
	When Rate Method Code is Additive, "A":						
: Current Year Base Rate	= Sub County Rate + (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Current Year Rate Multiplier	Internal		9999.99999999	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". See Section 20 for Written Agreement Ra Information.
	Otherwise:  Current Year Rate Multiplier * Reference Rate + Fixed rate	Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010". See Section 20 for Written Agreement Rai Information.
		Prior Year Base Rate	Internal		9999999999999999	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' See Section 21 for Written Agreement Sub County Rate information.
	When Rate Method Code is Additive, "A":						
Prior Year Base Rate	Sub County Rate + (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate)	Prior Year Rate Multiplier	Internal		9999.99999999	None	
	When Rate Method Code is Multiplicative, "M":						Edit with ADM Base Rate, "A01010".
	Sub County Rate * (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate)	Prior Year Reference Rate	ADM		9.9999	None	See Section 20 for Written Agreement Rai Information.
	Otherwise:						Edit with ADM Base Rate, "A01010".
	Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed rate	Prior Year Fixed Rate	ADM		9.9999	None	See Section 20 for Written Agreement Rat Information.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

	Record Code.	2. P11 Release Date: 12/10/2017							
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion		
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers		
Commodity Code		0041 Corn			0051 Grain Sorghum		0081 Soybeans		
	0018 Rice	0043 Popcorn	ſ		0067 Dry Peas		0091 Barley		
	Coloulations	<u>Field</u>	Record Number	<u>Field</u> Number	<u>Field</u>	<u>Field</u>	Rules		
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules		
		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		9.999999999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option Code "TA" (Trend Adjustment).		
Current Year Base Premium Rate	Round(Current Year Base Rate * Rate Differential Factor * Unit Residual Factor, 8)	Unit Residual Factor	ADM		999.999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment) and Unit Structure Code equal to Optional Unit, "OU", "UA", "UD", or Basic Unit BU'.		
-	When Unit Structure code is Enterprise Unit, "EU":	Enterprise Unit Residual Factor	ADM		9.999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend		
	Round(Current Year Base Rate * Rate Differential Factor * Enterprise Unit Residual Factor, 8)	·					Adjustment) and Unit Structure Code equal to Enterprise Unit, 'EU'.		
	When Unit Structure code is Whole Farm Unit, "WU":	Whole Farm Unit Residual	4514		0.000		Edit with ADM Coverage Level Differential, "A01040".		
-	Round(Current Year Base Rate * Rate Differential Factor * Whole Farm Unit Residual Factor, 8)	Factor	ADM		9.999	None	See Section 18 for Option Code "TA" (Trend Adjustment) and Unit Structure Code equal to Whole Farm Unit, 'WU'.		

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>
	When Unit Structure Code is equal to Optional Unit, "OU", "UA", "UD", or Basic Unit, "BU":	Prior Year Base Premium Rate	Internal		9999999999999999	Round to 8 decimals.	
	Round(Prior Year Base Rate * Prior Year Rate Differential Factor * Prior Year Unit Residual Factor, 8)	Prior Year Rate Differential Factor	ADM		9.999999999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option code "TA" (Trend Adjustment).
Prior Year Base Premium		Prior Year Unit Residual Factor	ADM		999.999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment) and 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 Differential Factor * Prior Year Enterprise Unit Residual Factor, 8)	Prior Year Enterprise Unit Residual Factor	ADM		9.999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment) and Unit Structure Code equal to Enterprise Unit, 'EU'.
	When Unit Structure code is Whole Farm Unit, 'WU':  Round(Prior Year Base Rate * Prior Year Rate Differential Factor * Prior Year Whole Farm Unit Residual Factor, 8)	Prior Year Whole Farm Unit Residual Factor	ADM		9.999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment) and Unit Structure Code equal to Whole Farm Unit, 'WU'.
Base Premium Rate =	MIN (Current Year Base Premium Rate, Prior Year Base Premium Rate * 1.2, .999)	Base Premium Rate	P11	94	999999999.99999999	Round to 8 decimals.	
Revenue Lookup Rate =	MIN(Current Year Base Rate, Prior Year Base Rate * 1.2,	Revenue Lookup Rate	Internal		9999999999.9999	Round to 4 decimals.	

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013

Version: Approved

Release Date: 12/18/2017

		Record Code: P11			Release Date	: 12/18/2017			
Insurance Plan Code	01 Yield Protection		03 Revenue Protection with Harvest Price Exclusion						
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers		
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans		
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley		
	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>		
tion 3: Unit Discount Cal	culation								
	IOT EQUAL to Wheat, "0011", Cotton, "0021", Co	orn, "0041", or Soybeans, "0081".					looked up and applied.		
en Commodity Code is N		, "ou",	Internal		9.9999999	None	поскей ир ани аррпей.		
	When the Unit Structure Code is Optional Unit "UA", "UD", Basic Unit, "BU", or Enterprise Un	, "OU",  iit, "EU": Revenue Lookup Adjustment  Factor	Internal		9.99999999	None	Capped at 1.0 From below for Unit Structures "OU, UA, U		

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	<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>
	When the Unit Structure Code is Optional Unit, "OU",  "UA", or "UD":	Unit Structure Discount Factor	Internal		9.9999999	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	Basic Unit Discount Factor	ADM		9.999	None	Edit with ADM Unit 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 include both fall and spring planted acreage.  Enterprise Unit Discount Factor is contingent upon the sum of the reported acres which we 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 Uniscount, "A01090". Unit is not eligible as an enterprise unit if summed planted acres are than 20 acres or 20% of insured crop acreage.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013
Version: Approved
Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0067 Dry Peas 0018 Rice 0043 Popcorn 0091 Barley Field Record Field **Field** Field **Calculations** Name Number Number **Format** Rounding Rules When Commodity Code is EQUAL to Wheat, "0011", Cotton, "0021", Corn, "0041", or Soybeans, "0081". Revenue Lookup Adjustment Internal 9.9999999 None When the Unit Structure Code is Optional Unit, "OU", Factor "UA", or "UD": Capped at 1.0 Unti Structure Discount Factor From below for Unit Structure "OU", "UA", or Unit Structure Discount Factor Internal 9.9999999 None Edit with ADM Unit Discount, "A01090" for 65% Coverage Level. Basic Unit Discount Factor is contingent upon When Unit Structure Code is Basic Unit, "BU": the sum of the reported acres which were not **Basic Unit Discount Factor** ADM 9.999 None prevented from planting for the unit being Basic Unit Discount Factor for 65% Coverage Level greater than or equal to the Area Low Quantity Revenue Lookup and less than or equal to Area High Quantity Adjustment Factor fields contained on the ADM Unit Discount, "A01090" for 65% Coverage Level. Edit with ADM Unit Discount, "A01090" for 65% Coverage Level. When the Unit Structure Code is Enterprise Unit, "EU" or Enterprise Unit Discount Factor is contingent Whole Farm Unit "WU": upon the sum of the reported acres which were Enterprise Unit Discount Factor ADM 9.999 None not prevented from planting for all applicable Enterprise Unit Discount Factor for 65% Coverage Level 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 65% Coverage Level.

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Record Name: Acreage
Record Code: P11

Reinsurance Year: 2013

Version: Approved

Polosco Pate: 12/19/2017

	Record Code: P11				Release Date	e: 12/18/2017	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	Field Number	<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		9.9999999	None	Capped at 1.0 See Section 19 for Option Code "TA" (Trend Adjustment).
	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).
	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).

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Field Field Record **Field Calculations** <u>Name</u> Number Number **Format** Rounding Rules Edit with ADM Unit Discount, "A01090" by Coverage Level. Unit Structure Discount Factor 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 When the Unit Structure Code is Enterprise Unit, "EU": Low Quantity and less than or equal to Area Enterprise Unit Discount Factor ADM 9.999 None High Quantity fields contained on the ADM Unit Enterprise Unit Discount Factor 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).

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Reinsurance Year: 2013 Version: Ar

		Record Name: Acreage Record Code: P11			Version Release Date	: Approved : 12/18/2017	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	Field Name	Record Number	<u>Field</u> Number	Field Format	<u>Field</u> <u>Rounding</u>	Rules
tion 4: Optional Covera	ge (Additive "A" and Multiplicative "M")	Additive Optional Rate	Internal		99999,9999	Round to 4 decimals.	If Option Rate Method Code equal "T' (Tota Premium Rate Adjustment) see Section 9.
Additive Optional Rate	When Rate Method Code is Additive, "A":	: Adjustment Factor Option Rate	ADM		99999.9999	None	Option Rate will be the Sum of all Option R with Rate Method Code equal to Additive, Edit with ADM Option Rate, "A01060".
Adjustment Factor	∑ Option Rate * Rate Differential Factor	Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 17 for Option Code "TA" (Trend Adjustment).
Multiplicative Optional	When Rate Method Code is Multiplicative	Multiplicative Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
Rate Adjustment Factor	=	,					

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013
Version: Approved
Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules 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 Section 5: Revenue Coverage Add on Rates (Applicable only for Plans 02 and 03) 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. Internal 99999999999999 Round to 4 decimals. Lookup Rate Lookup Rate = Revenue Lookup Rate \* Revenue Lookup Adjustment Factor Revenue Lookup Rate Internal 999999999.9999 Round to 4 decimals. From Section 2. Revenue Lookup Adjustment Internal 9.9999999 None From Section 3. Factor Adjusted Mean Quantity Internal 999999.9999999 Round to 8 decimals. (AdjMean) For APH Trend, the Approved Yield will be the greater of the Trended yield and the adjusted yield (the approved yield that would have been if TA wasn't selected without the effects to cups or floors) Approved Yield (AY) P11 46 9999999.99 None For skip row commodities, the approved yield is Adjusted Mean Quantity = Approved Yield \* Mean Quantity / 100 the coverted approved yield from the P15 record with skip row (yield conversion factor) applied. Edit with ADM Combo Revenue Factor, "A01030". 999,99999999 Mean Quantity ADM None Search the Combo Revenue Factor, "A01030" for the Mean Quantity using Lookup Rate.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013
Version: Approved
Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0021 Cotton 0011 Wheat 0047 Dry Beans 0078 Sunflowers 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules Adjusted Standard Deviation Internal 9999999999999999 Round to 8 decimals. Quantity (AdjStndDev) For APH Trend, the Approved Yield will be the greater of the Trended yield and the adjusted yield (the approved yield that would have been if TA wasn't selected without the effects to cups Approved Yield (AY) P11 46 9999999.99 None or floors) Adjusted Standard = Approved Yield \* Standard Deviation Quantity / 100 **Deviation Quantity** For skip row cotton, the approved yield is the coverted approved yield from the P15 record with skip row (yield conversion factor) applied. Edit with ADM Combo Revenue Factor, "A01030". Standard Deviation Quantity ADM 999.99999999 None Search the Combo Revenue Factor "A01030" for the Standard Deviation Quantity using Lookup Rate. Internal 999999.9999999 Round to 8 decimals. Log Variance Quantity (LnVar) LnVar = Ln((Price Volatility Factor)^2 + 1) Price Volatility Factor ADM 9.99 Edit with ADM Price, "A00810". log Mean Quantity (LnMean) Internal 999999.9999999 Round to 8 decimals. LnMean = Ln(Projected Price or Contract Price) - LnVar / 2 ADM 99999.9999 Edit with ADM Price, "A00810". Projected Price Contract price as addressed in Section 1, capped Contract Price P11 50 9999.9999 None with Max Contract Price from ADM. Edit with ADM Beta, "A01020". Use the Beta ID field from ADM Insurance Offer, For Sequence Number 1 to 500 Yield Draw Quantity<sub>Sequence</sub> = "A00030" and the Beta "A01020" to obtain the Yield Draw Quantity ADM \$99.99999999 None applicable draws. There should be 500 draws **Yield Draw Quantity** (or sequence numbers) per Beta Id for every distinct Beta Id in the Insurance Offer ADM, "A00030".

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Exhibit Name: Premium Calculation

Exhibit Number: P11-1, Plan 01, 02, 03
Record Name: Acreage

Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved

Release Date: 12/18/2017 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans 0067 Dry Peas 0091 Barley 0018 Rice 0043 Popcorn Field Record Field <u>Field</u> Field Number Rounding **Calculations** <u>Name</u> Number **Format** Rules Edit with ADM Beta, "A01020". Price Draw Quanity<sub>Sequence</sub> = For Sequence Number 1 to 500 Use the Beta ID field from ADM Insurance Offer, Price Draw Quantity ADM S99.99999999 None "A00030" and the Beta "A01020" to obtain the Number Price Draw Quantity applicable draws. There should be 500 draws (or sequence numbers) per Beta Id for every distinct Beta Id in the Insurance Offer ADM

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	Rules
		Simulated Yield Protection Losses Quantity (SimYPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	
Simulated Yield Protection Losses Quantity =	Food Section (MAX(0, AY * covlvl - Round(MAX(0, Yield <sub>i</sub> * AdjStndDev + AdjMean),12)), 12)	Approved Yield (AY)	P11	46	99999999.99	None	For APH Trend, the Approved Yield will be the greater of the Trended yield and the adjusted yield (the approved yield that would have been if TA wasn't selected without the effects to cups or floors)  For skip row commodities, the approved yield is the coverted 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) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment).
		Yield Draw Quantity <sub>i</sub> (Yield <sub>i</sub> )	ADM		S99.99999999	None	
		Simulated Revenue Protection Losses Quantity(SimRPLosses)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	
Simulated Revenue Protection Losses = Quantity	Protection Losses = Quantity (Round(MAX(0, Yieldi * AdjStdDev + AdjMean),12),12)	Approved Yield (AY)	P11	46	99999999.99	None	For APH Trend, the Approved Yield will be the greater of the Trended yield and the adjusted yield (the approved yield that would have been if TA wasn't selected without the effects to cups or floors)  For skip row commodities, the approved yield is the coverted approved yield from the P15 record with skip row (yield conversion factor) applied.
	Round(MIN(2 * ProjPrice, Round(e <sup>(Price</sup> , * Round(vLnVar,12) + LnMean),12)), 12))),12)	Coverage Level Percent (covlvl)	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).
		Yield Draw Quantity <sub>i</sub> (Yield <sub>i</sub> )	ADM		\$99.99999999	None	
		Projected Priced or Contract Price (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.

Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola	0021 Cotton 0041 Corn			0047 Dry Beans 0051 Grain Sorghum		0078 Sunflowers 0081 Soybeans
commodity code	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
		Simulated Revenue Protection with Harvest Price Exclusion Losses Quantity (SimRPhpeLosses)	Internal		99999999999999999999	Round to 12 decimals.	
Simulated Revenue Protection with Harvest Price Exclusion Losses Quantity	_Yield <sub>i</sub> *	Approved Yield (AY)	P11	46	99999999.99	None	For APH Trend, the Approved Yield will be the greater of the Trended yield and the adjusted yield (the approved yield that would have bee if TA wasn't selected without the effects to cu or floors)  For skip row commodities, the approved yield the coverted approved yield from the P15 record with skip row (yield conversion factor)
		Coverage Level Percent (covlvl)	P14	34	9.9999	None	applied.  For Option Code "TA" (Trend Adjustment) this will be Effective Coverage Level Percent. See Section 16 for Option Code "TA" (Trend Adjustment).
		Projected Priced or Contract Price (ProjPrice)	ADM		99999.9999	None	Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
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) Effective Coverage Level Percent will replace Coverage Level Percent.
Protection Base Premium :	= Yield * Coverage Level Percent * (Projected Price or	Simulated Revenue Protection Base Premium Rate	Internal		999999.9999999	Round to 8 decimals.	For Option Code "TA" (Trend Adjustment) 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) 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		999999.99999999	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.

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Record Name: Acreage

Reinsurance Year: 2013

Version: Approved

Release Date: 12/18/2017

Release Date: 12/18/2017 Record Code: P11 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules This section is for calculation the 2010 Revenue **Assurance Optional Unit Level Base Premium** Rate for coverage level percents 65 thru 85 where applicable. Then it is used in conjunction with the Base Premium Rate and Revenue Add On Rates to compute capped Revenue Add On Rates. This table is set up such that the only value that will change from year to year is the Commodity Year. By doing this we are fixing a point where the premium calculation method was changed and applying an exponential capping over time. Section 6: Historical Revenue Capping (Applicable only for Plans 02 and 03) If there is NOT a corresponding row in the Note: This Section will not apply if record has a Written Agreement. Historical Revenue Capping ADM, "A01110", then this calculation does not need to be performed. Furthermore, since coverage level percents 50, 55, 60 did not exist for Revenue Assurance (RA) historically capping does not need to be performed for those coverage level percents as well. If TA is applicable then this will be based on the TA Effective Coverage Level Percent. See next statement. When TA Option is selected, this section does not apply when the Effective Coverage Level is less than 65% Capping Yield Ratio 9.99 Round to 2 decimals. Cup at 0.50 and Cap at 1.50. Internal For skip row commodities, the rate yield is the Capping Yield Ratio = Rate Yield / Capping Reference Yield Rate Yield P15 35 9999999.99 None coverted rate yield from the P15 record with skip row (yield conversion factor) applied. Edit with ADM Historical Revenue Capping, Capping Reference Yield ADM 99999.99 None "A01110". Prior Capping Yield Ratio Internal 9.99 Round to 2 decimals. Cup at 0.50 and Cap at 1.50. For skip row commodities, the rate yield is the Prior Capping Yield Ratio = Rate Yield / Prior Capping Reference Yield Rate Yield P15 35 9999999.99 None coverted rate yield from the P15 record with skip row (yield conversion factor) applied.

Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
		Prior Capping Reference Yield	ADM		99999.99	None	Edit with ADM Historical Revenue Capping "A01110".
Conning Date Multiplier	-	Capping Rate Multiplier	Internal		999999.99999999	Round to 8 decimals.	
_apping kate Multiplier =	ECapping Yield Ratio ^Capping Exponent Value	Capping Exponent Value	ADM		\$99.999	None	Edit with ADM Historical Revenue Capping "A01110".
Prior Capping Rate _	Drive Coming Visla Datis Aprior Coming Support Value	Prior Capping Rate Multiplier	Internal		999999.99999999	Round to 8 decimals.	
Multiplier	Prior Capping Yield Ratio <b>Prior</b> Capping Exponent Value	Prior Capping Exponent Value	ADM		\$99.999	None	Edit with ADM Historical Revenue Capping "A01110".
	If Rate Method Code = Fixed, "F": Sub County Rate	Historical Capping Base Rate	Internal		999999.99999999	Round to 8 decimals.	
	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' See Section 21 for Written Agreement Sub County Rate information.
distorical Capping Base = Rate =	If Rate Method Code = Multiplicative, "M":  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".
	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' See Section 21 for Written Agreement Sub County Rate information.
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".

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
	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.	

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	Field Name	Record Number	<u>Field</u> Number	Field Format	<u>Field</u> 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) the will be Effective Coverage Level Percent. Se Section 16 for Option Code "TA" (Trend Adjustment).
Historical Revenue Protection Base Premium Rate	[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 8 Factor * Price Volatility Factor^2 + Beta 9 Factor * Historical Basic Unit Base Rate * Coverage Level Percent + Beta 10 Factor * Historical Basic Unit Base Rate * Approved Yield / Capping Reference Yield + Beta 11 Factor * Historical Basic Unit Base Rate * Price Volatility Factor + Beta 12 Factor * Coverage Level Percent * Approved Yield / Capping Reference Yield +	Historical Revenue Protection Base Premium Rate	Internal		999999999999999999999	Round each intermittent Beta * calculation to 8 decimals as it has been done historically.	
	Beta 13 Factor * Coverage Level Percent * Price Volatility Factor +	Beta 0 Factor - Beta 14 Factor	ADM		S99.999999999	None	Edit with ADM Historical Revenue Capping, "A01110".
	Beta 14 Factor * (Approved Yield / Capping Reference	Price Volatility Factor	ADM		9.99	None	Edit with ADM Price, "A00810".
	Yield) * Price Volatility Factor ] * Unit Residual Factor X 1.1	Unit Residual Factor	ADM		999.999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment).
	When Unit Structure Code is equal to Enterprise Unit, "EU":  Replace 'Unit Residual Factor' with 'Enterprise Unit Residual Factor'	Enterprise Unit Residual Factor	ADM		999.999	None	Edit with ADM Coverage Level Differential, "A01040". See Section 18 for Option Code "TA" (Trend Adjustment).

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
	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) will be Effective Coverage Level Percent. Section 16 for Option Code "TA" (Trend Adjustment).
Historical Revenue Protection with Harvest Price Exclusion Base Premium Rate	[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 8 Factor * Price Volatility Factor^2 + Beta 9 Factor * Historical Basic Unit Base Rate * Coverage Level Percent + Beta 10 Factor * Historical Basic Unit Base Rate * Approved Yield / Capping Reference Yield + Beta 11 Factor * Historical Basic Unit Base Rate * Price Volatility Factor + Beta 12 Factor * Coverage Level Percent * Approved Yield / Capping Reference Yield + Beta 13 Factor * Coverage Level Percent * Price Volatility	Historical Revenue Protection with Harvest Price Exclusion Base Premium Rate	Internal		999999999999999	Round each intermittent Beta * calculation to 8 decimals as it has been done historically.	
	Factor + Beta 14 Factor * (Approved Yield / Capping Reference	Beta O Factor - Beta 14 Factor	ADM		S99.99999999	None	Edit with ADM Historical Revenue Capping "A01110".
	Yield) * Price Volatility Factor ] * Unit Residual Factor X 1.1	Price Volatility Factor	ADM		9.99	None	Edit with ADM Price, "A00810".
		Unit Residual Factor	ADM		999.999	None	Edit with ADM Coverage Level Differential "A01040". See Section 18 for Option Code "TA" (Tren Adjustment).
-	When Unit Structure Code is equal to Enterprise Unit, "EU": Replace 'Unit Residual Factor' with 'Enterprise Unit Residual Factor'	Enterprise Unit Residual Factor	ADM		999.999	None	Edit with ADM Coverage Level Differentia "A01040". See Section 18 for Option Code "TA" (Trer Adjustment).

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola	0021 Cotton 0041 Corn			0047 Dry Beans 0051 Grain Sorghum		0078 Sunflowers 0081 Soybeans
	0018 Rice	0043 Popcorn	Dagged	_	0067 Dry Peas	r:ald	0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
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	Capped Revenue Protection Add on Rate	Internal		9999999999999999	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 2 to calculate the Capped Revenue add on factors.
	Premium Rate	Base Premium Rate	P11	94	999999.9999999	None	
		Commodity Year	P14	10	CCYY	None	
		Capping Year	ADM		ССҮҮ	None	Edit with ADM Historical Revenue Capping, "A01110".
Capped Revenue Protection with Harvest Price Exclusion Add on	MIN(Base Premium Rate + Preliminary Revenue Protection	Capped Revenue Protection with Harvest Price Exclusion Add on Rate	Internal		9999999999999999	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 2 to calculate the Capped Revenue add on factors.
Rate	Base Premium Rate	Base Premium Rate	P11	94	999999.9999999	None	
		Commodity Year	P14	10	CCYY	None	
		Capping Year	ADM		CCYY	None	Edit with ADM Historical Revenue Capping, "A01110".

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
<b>Commodity Code</b>	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
	<u>Calculations</u>	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules_
ection 7: Whole Farm Unit	: 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 unifor commodity/plans offering Whole Farm Units.  Malting Barley Coverage is NOT applicable for Whole Farm Unit. Malting Barley Coverage is provided as a separate Basic Unit.
		Lookup Rate	Internal		9999999999.9999	Round to 4 decimals.	
Lookup Rate	= Revenue Lookup Rate * Revenue Lookup Adjustment Factor	Revenue Lookup Rate	Internal		99999999999999	Round to 4 decimals.	From Section 2.
		Revenue Lookup Adjustment Factor	Internal		9.9999999	None	From Section 3.
Mean Quantity <sub>commodity</sub>	Mean Quantity WHERE Lookup Rate -	Mean Quantity <sub>commodityj</sub>	ADM		999.999999999	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 <sub>commodityj</sub>	Internal		9.9999	None	
		Base Rate <sub>commodityj</sub>	ADM		9.9999	None	Edit with ADM Combo Revenue Factor, "A01030".

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn Field	Record		0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas <u>Field</u>	<u>Field</u>	0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
Standard Deviation Quantity <sub>commodityj</sub>	Standard Deviation Quantity <sub>commodityj</sub> WHERE Lookup Rate = commodityj = Base Rate <sub>commodityj</sub>	Standard Deviation Quantity commodityj	ADM		999.999999999	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 <sub>commodityj</sub>	Internal		9.9999	None	
		Base Rate <sub>commodityj</sub>	ADM		9.9999	None	Edit with ADM Combo Revenue Factor, "A01030".
		Adjusted Mean Quantity	Internal		999999.99999999	Round to 8 decimals.	
Adjusted Mean Quantity = commodityj	an Quantity = Approved Yield <sub>commodityj</sub> * Mean Quantity <sub>commodityj</sub> / 100 <sub>commodityj</sub>	Approved Yield <sub>commodityj</sub>	P11	46	99999999.99	None	For APH Trend, the Approved Yield will be the greater of the Trended yield and the adjusted yield (the approved yield that would have been if TA wasn't selected without the effects to cups or floors)  For skip row commodities, the approved yield is the coverted approved yield from the P15 record with skip row (yield conversion factor) applied.
		Adjusted Standard Deviation Quantity commodityj	Internal		999999999.99999999	Round to 8 decimals.	
Adjusted Standard Deviation Quantity = commodityj	= Approved Yield <sub>commodityj</sub> * = Standard Deviation Quantity <sub>commodityj</sub> / 100	Approved Yield commodityj	P11	46	99999999.99	None	For APH Trend, the Approved Yield will be the greater of the Trended yield and the adjusted yield (the approved yield that would have been if TA wasn't selected without the effects to cups or floors)  For skip row commodities, the approved yield is the coverted approved yield from the P15 record with skip row (yield conversion factor) applied.
		Log Variancecommodityj (LnVar)	Internal		999999.9999999	Round to 8 decimals.	аррпса.
LnVariance commodityj =	= In((Price Volatility Factor <sub>commodityj</sub> )^2 + 1)	Price Volatility Factor <sub>commodityj</sub>	ADM		9.99	None	Edit with ADM Price, "A00810".

Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn	T		0067 Dry Peas	ì	0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
	In(Projected Price or Contract Price commodity) –	log Mean <sub>commodityj</sub> (LnMean)	Internal		999999.99999999	Round to 8 decimals.	
LnMean <sub>commodityj</sub>	= In(Projected Price or Contract Price <sub>commodityj</sub> ) – = LnVariance <sub>commodityj</sub> / 2	Projected Price or Contract Price <sub>commodityj</sub>	ADM		99999.9999		Edit with ADM Price, "A00810". Contract Price as addressed in Section 1.
Yield Draw Quantity commodityj Sequence Number	= Yield Draw Quantity <sub>commodity</sub>	Yield Draw Quantity	ADM		\$99.999999999	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 th ADM Insurance Offer, "A00030".
Price Draw Quantity commodityj Sequence Number	= Price Draw Quantity <sub>commodity</sub>	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 ADN Beta, "A01020" for every distinct Beta Id in th ADM Insurance Offer, "A00030".

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protecti	ion with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
		<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
		Simulated Revenue Protection Losses Whole Farm (SimRPLossesWF)	Internal		999999999999999999999999999999999999999	Round to 12 decimals.	Simulated Revenue Protection Losses for Al Commodity/Acreage report line in the Who Farm Unit.
		Coverage Level Percent <sub>commodityj</sub> (covlvl)	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment) th will be Effective Coverage Level Percent. Section 16 for Option Code "TA" (Trend Adjustment).
	500 all Commodities $\sum_{i=1}^{\infty} \mathbf{Round(MAX(0,\sum_{j=1}^{\infty} Ay_{commodityj})^{*}}_{j=1}^{*}$	Approved Yield <sub>commodityj</sub> (AY)	P11	46	99999999.99	None	Approved Yield for each Commodity/Acreage report line in the Whole Farm Unit. For APH Trend, the Approved Yield will be th greater of the Trended yield and the adjusted yield (the approved yield that would have be if TA wasn't selected without the effects to c or floors)
	Acres <sub>commodityj</sub> * covlvl <sub>commodityj</sub> * <b>Round(</b> MAX(ProjPrice <sub>commodityj</sub> , <b>Round(</b> MIN(2 *  ProjPrice <sub>commodityj</sub> , <b>Round(</b> e <sup>(Pricecommodityj) *</sup> <b>Round(</b> VLnVarcommodityj, 12) +	*					For skip row commodities, the approved yie the coverted approved yield from the P15 record with skip row (yield conversion factor applied.
Simulated Revenue Protection Losses Whole = Farm	LnMeancommodityj),12)),12) - all Commodities  ∑ Round(MAX(0,Round(Yield <sub>commodityji</sub> *	Reported Acreage <sub>commodityj</sub> (Acres)	P11	52	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.  Reported Acreage for each Commodity/Acre
	j=						report line in the Whole Farm Unit.
	AdjStdDev <sub>commodityi</sub> + AdjMean <sub>commodityi,12</sub> )),12)						Edit with ADM Price, "A00810".
	* Round(MIN(2 * ProjPrice <sub>commodityj</sub> ,12)) +  Round(e <sup>(Pricecommodityj)</sup> * Round(vLnVarcommodityj,12) +  LnMeancommodityj),12)),12) *	Projected Price or Contract Price <sub>commodityj</sub> (ProjPrice)	ADM		99999.9999	None	Projected Price or Contract Price for each Commodity/Acreage report line in the Who Farm Unit.
	Round(Acres <sub>commodityj,12</sub> )), 12)	Price Draw Quanity <sub>commodityj</sub> i (Price)	ADM		\$99.999999999	None	Price Draw Quantity for each Commodity /Acreage report line in the Whole Farm Unit
		Log Variance <sub>commodityj</sub> (LnVar)	Internal		999999.9999999	None	Log Variance for each Commodity/Acreage report line in the Whole Farm Unit.
		log Mean <sub>commodityj</sub> (LnMean)	Internal		999999.9999999	None	Log Mean for each Commodity/Acreage repline in the Whole Farm Unit.

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Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	Field Name	Record Number	<u>Field</u> Number	Field Format	<u>Field</u> Rounding	Rules
		Yield Draw Quantity <sub>commodityj</sub> i (Yield)	ADM		S99.99999999	None	Yield Draw Quantity for each Commodity/Acreage report line in the Who Farm Unit.
		Adjusted Standard Deviation Quantity <sub>commodityj</sub> (AdjStnDev)	Internal		999999999999999999999999999999999999999	None	Adjusted Standard Deviation Quantity for e Commodity/Acreage report line in the Who Farm Unit.
		Adjusted Mean Quantity <sub>commodityj</sub> (AdjMean)	Internal		999999.99999999	None	Adjusted Mean Quantity for each Commodity/Acreage report line in the Who Farm Unit.
		Simulated Revenue Protection Harvest Price Excluded Losses Whole Farm (SimRPhpeLossesWF)	Internal		99999999999999999999	Round to 12 decimals.	Simulated Revenue Protection Harvest Pric Excluded Losses for All Commodity/Acreag report lines in the Whole Farm Unit.
		Coverage Level Percent <sub>commodityj</sub> (covlvl)	P14	34	9.9999	None	For Option Code "TA" (Trend Adjustment) twill be Effective Coverage Level Percent. S Section 16 for Option Code "TA" (Trend Adjustment).
	500 all commodities $\sum_{i=1}^{\infty} \mathbf{Round(MAX(0, \sum_{covlvl_{commodityj}} *}_{j=})$	Approved Yield <sub>commodityj</sub> (AY)	P11	46	99999999.99	None	Approved Yield for each Commodity/Acrea report line in the Whole Farm Unit. For APH Trend, the Approved Yield will be greater of the Trended yield and the adjust yield (the approved yield that would have I if TA wasn't selected without the effects to or floors)
Simulated Revenue rotection Harvest Price	AY <sub>commodityj</sub> * ProjPrice <sub>commodityj</sub> * Acres <sub>commodityj</sub> ) - all commodities = \( \sum \) Round(\( \text{Yield}_{commodityii} \) *						For skip row commodities, the approved yi the coverted approved yield from the P15 record with skip row (yield conversion fact applied.
Excluded Losses Whole Farm	Z no and (m a (e) no and (mena commonty)	Reported Acreage <sub>commodityj</sub>	P11	52	999999.99	None	Reported Acreage must equal the sum of a Land, P27, Reported Acreage.
	* Round(MIN(2 * ProjPrice <sub>commodityj</sub> ,  Round(e <sup>(Pricecommodityj)</sup> * Round(VLnVarcommodityj,12) +	(Acres)					Reported Acreage for each Commodity/Ac report line in the Whole Farm Unit.
	LnMeancommodityj),12)),12) *						Edit with ADM Price, "A00810".
	Round(Acres <sub>commodityj,12</sub> )), 12)	Projected Price or Contract Price <sub>commodityj</sub> (ProjPrice)	ADM		99999.9999	None	Projected Price or Contract Price (as address in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.

Record Name: Acreage Record Code: P11 Reinsurance Year: 2013
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**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules Yield Draw Quantity for each Yield Draw Quantity commodityi ADM \$99.99999999 None Commodity/Acreage report line in the Whole (Yield) Farm Unit. Adjusted Standard Deviation Quantity for each Adjusted Standard Deviation Internal 9999999999999999 None Commodity/Acreage report line in the Whole Quantity<sub>commodityj</sub> (AdjStnDev) Farm Unit. Adjusted Mean Quantity for each Adjusted Mean Internal 999999.99999999 None Commodity/Acreage report line in the Whole Quantity<sub>commodityi</sub> (AdjMean) Farm Unit. Price Draw Quantity for each Price Draw Quanity<sub>commodityi</sub>i ADM \$99.99999999 None Commodity/Acreage report line in the Whole (Price) Farm Unit. Log Variance for each Commodity/Acreage Log Variance<sub>commodityj</sub> (LnVar) Internal 999999.9999999 None report line in the Whole Farm Unit. Log Mean for each Commodity/Acreage report log Mean<sub>commodityi</sub> (LnMean) 999999.9999999 None Internal line in the Whole Farm Unit. For Option Code "TA" (Trend Adjustment) this Coverage Level Percent<sub>commodityj</sub> will be Effective Coverage Level Percent. See P14 34 9.9999 None (covlvl) Section 16 for Option Code "TA" (Trend SimRPLossesWF Adjustment). 500 Revenue Protection Whole Revenue Protection \_ all commodities Internal 9999999999999999 Round to 8 decimals. Farm Rate Whole Farm Rate  $= \sum (\text{covIvI}_{\text{commodityj}} * \text{AY}_{\text{commodityj}} * \text{ProjPrice}_{\text{commodityj}} *$ Acres<sub>commodityj</sub>) Edit with ADM Price, "A00810". Projected Price or Contract ADM 99999.9999 Projected Price or Contract Price (as addressed None Price<sub>commodityi</sub> (ProjPrice) in Section 1) for each Commodity/Acreage report line in the Whole Farm Unit.

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Record Name: Acreage
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Release Pate: 12/18/2017

Release Date: 12/18/2017 Record Code: P11 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0015 Canola 0041 Corn 0067 Dry Peas 0018 Rice 0043 Popcorn 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules For Option Code "TA" (Trend Adjustment) this Coverage Level Percent<sub>commodityj</sub> will be Effective Coverage Level Percent. See P14 34 9.9999 None Section 16 for Option Code "TA" (Trend (covlvl) <u>SimRPhpeLossesWF</u> Adjustment). 500 Revenue Protection with Revenue Protection with Harvest Price Exclusion Whole Internal 9999999999999999 Round to 8 decimals. Harvest Price Exclusion = \( \sum\_{\text{conv}} \) = \( \sum\_{\text{conv}} \) \( \sum\_{\text{conv}} \) \( \sum\_{\text{conv}} \) \( \text{V}\_{\text{commodityj}} \) \* \( \text{ProjPrice}\_{\text{commodityj}} \) \* \( \text{ProjPrice}\_{\text{commodityj}} \) \* Farm Rate Whole Farm Rate Acres<sub>commodityi</sub>) Edit with ADM Price, "A00810". Projected Price or Contract ADM 99999.9999 None Projected Price or Contract Price (as addressed Price<sub>commodityj</sub> (ProjPrice) 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 9999999999999999 Internal None Rate When Insurance Plan Code equals Revenue Protection with Harvest Price Exclusion, "03": Whole Farm Base  $\underline{\phantom{a}}$  Revenue Protection with Harvest Price Exclusion Whole Whole Farm Base Premium Internal 9999999999999999 None Premium Rate Farm Rate Rate

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

						,,	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	Field Name	<u>Record</u> Number	<u>Field</u> Number	Field Format	<u>Field</u> Rounding	Rules
ection 8: Premium Rate	Calculations	Name	Number	Number	Folliat	Rounding	The Premium Rate for ALL Unit Structures should be capped at .999 in the event variou adjustments to the Base Premium Rate wou cause it to exceed 1.0.
Vhen Unit Structure Code of the Code of th	MIN(.999, Round(Whole Farm Base Premium Rate * Sum ((Reported Acreage * Multiplicative Optional Rate Adjustment Factor) / Sum(Total Reported Acreage) for Whole Farm including Prevented Planting) + Sum ((Reported Acreage * Additive Optional Rate Adjustment Factor) / Sum(Total Reported Acreage) for Whole Farm including Prevented Planting), 8))	Premium Rate	Internal		99999999999999999	Round to 8 decimals.	Premium Rate is capped at 0.99900000. For situations where the option factors vary I Commodity, a reported Acreage weighted average of the Option Factors should be used determine the Multiplicative and Additive Optional Rate adjustments to be used in the computation of the Premium Rate for Whole Farm Unit.
		Total Reported Acreage	Internal		99999999.99	None	Total Reported Acreage for the Whole Farm including Prevented Planting.
When Unit Structure Code	MIN(.999, Base Premium Rate * Unit Structure Discount Factor * Multiplicative Optional Rate Adjustment Factor+ Additive Optional Rate Factor + Capped Revenue Add On Factor)	Premium Rate	Internal		9999999999999999	Round to 8 decimals.	Set Capped Revenue Add On Factor as follow 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 Fact as follows: If Section 6 is applicable, Capped Revenue Ad On Factor will equal Capped Revenue Protect Add On Rate when Insurance Plan Code equa 02 or Capped Revenue Protection with Harve: 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 C Rate when Insurance Plan Code equals 03.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013
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Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Calculations	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	Rules
ection 9: Total Premium	Amount, Subsidy Amount, and Producer Premium Amount						
		Preliminary Total Premium	Internal		999999999	Round to whole number.	
	Premium Liability Amount * Premium Rate * Experience	Experience Factor	P11	51	9.999	None	Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".
· · · · · · · · · · · · · · · · · · ·	Preliminary Total Premium Prem	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 equa "T". Edit with ADM Option Rate, "A01060". Currently this will be used for Short Rate Option.
	Decline in any Total December * Multiple Commodity	Total Premium Amount	P11	92	999999999	Round to whole number.	
Total Premium Amount	tal 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.
Cubaidu Amagunt	t - Tatal Drawium Amaunt * Cubaidu Darant	Subsidy Amount	P11	90	999999999	Round to whole number.	
Subsidy Amount = Total Premium Amount * Subsidy Percent		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	93	999999999	Round to whole number.	

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Record Name: Acreage

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		Record Name: Acreage Record Code: P11	Version: Approved Release Date: 12/18/2017				
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	tion with Harvest Price Exclusion
	0011 Wheat	0021 Cotton		(	0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn	0051 Grain Sorghum				0081 Soybeans
	0018 Rice	0043 Popcorn		(	0067 Dry Peas		0091 Barley
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> Rounding	Rules
Malting Barley Options M/	<b>4 &amp; МВ</b>						If either the Malting Barley Option A or Malti Barley option B is chosen, a new record(s) wi need to be prepared for this endorsement. These record should meet the following criteria:  1) The acreage records for the MA or MB records should be less than or equal to the acreage of the base offer  2) The Base Offer will not have the MA/MB option returned in the option field  3) The Acreage records with the MA or MB option will have the MA or MB option will have the MA or MB option indicated in the option Field.
							Malting Barley Option A Requirements:
							To qualify for this option, the producer must:  1) Provide acceptable Malting Barley sales records for at least the 4 most recent Commodity Years and the number of acres planted to malting varieties.  2) If produced under a contract or price agreement, a copy of the current contract or price agreement must be provided on or before the acreage reporting date if the additional value price from the contract/price agreement is to be used for determining liability.
							Malting Barley Option B Requirements:
							To qualify for this option, the producer must:  1) Have planted Malting Barley for at least or of the three Commodity Years directly preceding the previous Commodity Year  2) Sold at least 75% of the contracted amount for the Commodity Year such contract was applicable  3) Provide a copy of the prior contract and acceptable records of sales.

Record Code: P11

Reinsurance Year: 2013

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Release Date: 12/18/2017 Record Code: P11 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0015 Canola 0041 Corn 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** Name Number Number **Format** Rounding Rules Section 10: Liability Calculation Approved Yield calculated in accordance with the Basic According to the Malting Barley Price and Provisions Quality Endorsement, the Approved Yield can be based on either the procedures established Approved Yield = OR P11 Approved Yield 46 99999999.99 in the Basic Provisions, or by averaging the yields required to meet the qualifications for  $\Sigma$ (Number of Bushels / Reported Acreage) /  $\Sigma$  number of Option A. Premium Guarantee Per Acre Common Crop Insurance Policy definition Internal 99999999.99 Round to 1 decimals. Premium Guarantee Per \_\_\_\_ = Approved Yield \* Coverage Level Percent Amount 'production guarantee (per acre)'. Acre Amount Approved Yield P11 46 9999999.99 None Coverage Level Percent P14 34 9.9999 None Price Election Amount will be set equal to the Additional Value Price. The Additional Value price is the difference between the contract price and regular Barley's Projected Price or the additional value price provided in the ADM if the contract price is not used. 1) The Contract Price: a) The sale price per bushel established in the contract or price agreement less the projected price for Barley. b) The amount per bushel (not including discounts or incentives) above the feed barley price that is determined at a later date, provided the method of determining the price is Price Election Amount = Additional Value Price specified in the contract or price agreement. c) Price Election Amount Internal 9999.9999 None If the contract or price agreement has a variable price option, the price OR the method of determining a price that will be treated as the sale price. 2) The additional Value price indicated in the actuarial documents: a) if there is no malting barley contract. b) The contract or price agreement was not provided by the acreage reporting date. 3) The additional Value price: a) For Option A WILL NOT EXCEED \$1.25. b) For Option B WILL

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**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field Calculations <u>Name</u> Number Number **Format** Rounding Rules Reported Acreage (Record MIN(Total Reported Acreage, Malting Barley Contract 1 1) Bushels / Approved Yield) There may need to be multiple record is there Reported Acreage (Record \_ MIN(Total Reported Acreage - Reported Acreage for Record are multiple contracts and/or there are more 2) 1, Malting Barley Contract 2 Bushels / Approved Yield) acres insured to yield more bushels than the contract(s) call for. Acreage in excess of contracted acreage will be Reported Acreage Internal None MIN(Total Reported Acreage insured at the additional value price on the Reported Acreage (Record X) =  $\sum_{i=1}^{n}$  Malting Barley Contract I, malting Barley Conf actuarial documents. If there is not enough reported acres to support malting Barley Contract X) all of the contracts, Insurance will be limited to what the total reported acreage will support. Determine the Premium Guarantee Per Acre Amount and the Guarantee Per Acre Amount Premium Guarantee Per = Approved Yield \* Coverage Level Percent Premium Guarantee Per Acre Internal 99999999.99 Round to 1 decimals. for each record. Amount Common Crop Insurance Policy definition 'production guarantee (per acre)'. If Late Planting applies: Prevented Planting does not apply to Malting Guarantee Per Acre  $\_$  Premium Guarantee Per Acre Amount \* Guarantee Guarantee Per Acre Amount Internal 99999999.99 Round to 1 decimals. Barley Option A or Malting Barley Option B Amount = Adjustment Factor records. Premium Total Guarantee Premium Guarantee Per Acre Amount \* Price Election Premium Total Guarantee 99999999.99 Internal Round to 2 decimals. Amount \* Reported Acreage Amount Total Guarantee Amount = Guarantee Per Acre Amount \* Price Election Amount \* Reported Acreage Total Guarantee Amount P11 100 99999999.99 Round to 2 decimals. Round to whole Premium Liability Amount = Premium Total Guarantee Amount \* Insured Share Percent **Premium Liability Amount** Internal 999999999 number. Round to whole P11 Liability Amount 91 Liability Amount = Total Guarantee Amount \* Insured Share Percent 999999999 number.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Field Field Record **Field** <u>Number</u> **Calculations** <u>Name</u> Number **Format** Rounding Rules Section 11: Premium Rate Premium Rate is capped at 0.99900000. To Determine the Premium Rate for the Malting Barley Option Records: 1) Use the Rate Yield as determined under normal procedures. 2) Process the Rate Yield through section 2 of these procedures as if it was a normal Yield Protection Plan of Insurance using the rating components for the regular Barley offer. Premium Rate Internal 9999999999999999 Round to 8 decimals. 3) Find the Basic Unit Discount Factor to be MIN(.999, Base Premium Rate \* Unit Structure Discount applied later from section 3 of these procedures Premium Rate = Factor \* Multiplicative Optional Rate Adjustment Factor+ as if it was a normal Yield Protection Plan of Additive Optional Rate Factor) Insurance 4) Find the applicable Malting Barley Option Factor to be applied later from section 4. This will be the only option factor applied to a Malting Barley record. 5) Sections 5, 6, 7 are not applicable for MA/MB records. Multiplicative Optional Rate 999999.9999 Internal Adjustment Factor Additive Optional Rate Internal 999999.9999 Adjustment Factor

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013

Version: Approved

Poloace Pate: 13/18/2017

	Record Code		reage Version: Approved  Release Date: 12/18/2017							
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion			
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley			
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>			
Section 12: Total Premium	Amount, Subsidy Amount, and Producer Premium Amount									
		Preliminary Total Premium	Internal		999999999	Round to whole number.				
Preliminary Total Premium	Premium Liability Amount * Premium Rate * Experience Factor * Premium Rate Surcharge Percent <del>Factor</del>	Experience Factor	P11	51	9.999	None	Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".			
		Premium Rate Surcharge Percent								
Total Draws' A	Preliminary Total Premium * Multiple Commodity	Total Premium Amount	P11	92	999999999	Round to whole number.				
Total Premium Amount =	Adjustment Factor	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".			
Subsidy Amount =	= Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	90	999999999	Round to whole number.				
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".			
Producer Premium = Amount =	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	93	999999999	Round to whole number.				
Cottonseed Endorsement O	lation 'SE'						Information (Approved Yield, Reported Acreag Insured Share Percent) will be obtained from Cotton P11 record and Rate Yield from P15			
and a series of the series of							record associated with the Cottonseed record. CAT does not apply to Plan 01 Cottonseed. Uni Structure Code 'WU' does not apply to Cottonseed.			
Section 13: Liability Calcula							CAT does not apply to Plan 01 Cottonseed. Uni Structure Code 'WU' does not apply to			
		Modified Yield	Internal		99999999.99	Round to whole Number.	CAT does not apply to Plan 01 Cottonseed. Un Structure Code 'WU' does not apply to			
Section 13: Liability Calcula		Modified Yield  Approved Yield	Internal P11	46	99999999.99		CAT does not apply to Plan 01 Cottonseed. Uni Structure Code 'WU' does not apply to Cottonseed.  From Cotton P11 record. For skip row cotton, the approved yield is the coverted approved yield from the P15 record			
Section 13: Liability Calcula	ition			46		Number.	CAT does not apply to Plan 01 Cottonseed. Un Structure Code 'WU' does not apply to Cottonseed.  From Cotton P11 record. For skip row cotton, the approved yield is the coverted approved yield from the P15 record			
Section 13: Liability Calcular  Modified Yield =	ition	Approved Yield	P11	46	99999999.99	Number.	CAT does not apply to Plan 01 Cottonseed. Uni Structure Code 'WU' does not apply to Cottonseed.  From Cotton P11 record. For skip row cotton, the approved yield is the coverted approved yield from the P15 record with skip row (yield conversion factor) applied.			

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	n with Harvest Price Exclusion
		0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas	_	0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Guarantee Per Acre		Guarantee Per Acre Amount	Internal		99999999.99	Round to whole number.	
Amount	Premium Guarantee Per Acre Amount * Guarantee	Guarantee Adjustment Factor	P11	75	0.999	None	Edit with the Guarantee Adjustment ICE, "D00068".
Price Election Amount :	= Projected Price * Price Election Percent	Price Election Amount	Internal		9999.9999	Round to nearest whole cent [\$9.99].	Cottonseed will equal the Projected Price from ADM regardless of Price Election Percent for Cotton Lint.
		Projected Price	ADM		99999.9999		
		Price Election Percent	ICE		9.9999	None	Will always be 1.000 for Cottonseed.
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	Internal		9999.9999	None	
		Reported Acreage	P11	52	99999999.99	None	From Cotton P11 record.
Total Guarantee Amount	Guarantee Per Acre Amount * Price Election Amount *	Total Guarantee Amount	P11	100	99999999.99	Round to 2 decimals.	
Total Guarantee Amount	Reported Acreage	Price Election Amount	Internal		9999.9999	None	
		Reported Acreage	P11	52	999999.99	None	From Cotton P11 record.
Premium Liability Amount	= Premium Total Guarantee Amount * Insured Share Percent	Premium Liability Amount	Internal		999999999	Round to whole number.	
		Insured Share Percent	P11	47	9.9999	None	From Cotton P11 record.
Liability Amount :	= Total Guarantee Amount * Insured Share Percent	Liability Amount	P11	91	999999999	Round to whole number.	
-		Insured Share Percent	P11	47	9.9999	None	From Cotton P11 record.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
ction 14: Premium Rate	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
	MIN(.999, Base Premium Rate * Unit Structure Discount = Factor * Multiplicative Optional Rate Adjustment Factor+ Additive Optional Rate Factor)	Premium Rate	Internal		999999999999999999999	Round to 8 decimals.	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 2 of these procedures using the rating component for regular Cotton offer.  3) Find the Unit Structure Discount Factor to I applied later from section 3 of these procedur 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.
		Multiplicative Optional Rate Adjustment Factor Additive Optional Rate	Internal		999999.9999		
		Adjustment Factor	Internal		999999.9999		
ction 15: Total Premium	Amount, Subsidy Amount, and Producer Premium Amount						
		Preliminary Total Premium	Internal		999999999	Round to whole number.	
Preliminary Total Premium	= Premium Liability Amount * Premium Rate * Experience Factor * Premium Rate Surcharge Percent	Experience Factor	P11	51	9.999	None	Experience Factor is only applicable for Insurance Plan Code Yield Protection, "01".
		Premium Rate Surcharge Percent					
Total Premium Amount	Preliminary Total Premium * Multiple Commodity	Total Premium Amount	P11	92	999999999	Round to whole number.	
Total Fremium Amount	otal Premium Amount = , , , , , , , , , , , , , , , , , ,		ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Subsidy Amount	= Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	90	999999999	Round to whole number.	
·		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	93	999999999	Round to whole number.	

Record Name: Acreage
Record Code: P11

Reinsurance Year: 2013

Version: Approved

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	Record Code	e: P11			Release Date	: 12/18/2017	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
APH Yield Trend (Trend Ad	ljustment Option 'TA')						Trend Adjustment Option (TA) ONLY available in select counties for selected crops. See "white paper" for examples.
Section 16: Effective Cove	rage Level Calculation						
		Effective Coverage Level Percent	Internal		9.99	Rounded to 2 decima places.	
Effective Coverage Level Percent	= Coverage Level Percent * Approved Yield/Adjusted Yield	Coverage Level Percent  Approved Yield	P14	46	9.9999	None	For APH Trend, the Approved Yield will be the greater of the Trended yield and the adjusted yield (the approved yield that would have been if TA wasn't selected without the effects to cups or floors)  For skip row commodities, the approved yield is the coverted approved yield from the P15 record with skip row (yield conversion factor) applied.
		Adjusted Yield	P15	44	99999999.99	None	For skip row commodities, the adjusted yield is the coverted adjusted yield from the P15 record with skip row (yield conversion factor) applied.
Section 17: Rate Different	ial Factor						When Trend Adjustment Option (TA) was chosen and yield reflects a trend.
		Rate Differential Factor	Internal		9.99999999	Round to 9 decimal places	chosen and yield reflects a trend.
		Base Rate Differential Factor	ADM		9.99999999	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".

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0021 Cotton 0047 Dry Beans 0011 Wheat 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules 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 Upper Bound Rate Differential existing ADM Coverage Levels then this will be ADM 9.99999999 None Factor 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 Rate Differential Factor + (Upper Bound Rate Based on the 'lower bound' Coverage Level. Differential Factor - Lower Bound Rate Differential Factor) \* Edit with ADM Coverage Level Differential, Rate Differential Factor = (Effective Coverage Level Percent - Floored Effective "A01040". Coverage Level Percent) \* 20, 9) If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will be Lower Bound Rate Differential based on the Effective Coverage Level Percent. ADM 9.99999999 None Factor 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 Effective Coverage Level Internal 9.99 None Percent

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Record Name: Acreage

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Record Code: P11

		Record Code: P11		Release Date	e: 12/18/201/	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection			03 Revenue Protect	ion with Harvest Price Exclusion
<u>Commodity Code</u>	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn Field	Record	0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas Field	Field	0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	Name	Number	 <u>Format</u>	Rounding	<u>Rules</u>
		Floored Effective Coverage Level Percent	Internal	9.99	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.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** Name Number Number **Format** Rounding Rules Round to 9 decimal Prior Year Rate Differential Internal 9.99999999 Factor places. 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 Base Prior Year Rate Differential ADM 9.99999999 None Effective Coverage Level. Edit with ADM Factor Coverage Level Differential, "A01040". 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 Upper Bound Prior Year Rate existing ADM Coverage Levels then this will be ADM 9.99999999 None Differential Factor 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.

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Record Name: Acreage
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**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0021 Cotton 0047 Dry Beans 0011 Wheat 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules Based on the 'lower bound' Coverage Level. Round(Base Prior Year Rate Differential Factor + (Upper Edit with ADM Coverage Level Differential, Bound Prior Year Rate Differential Factor - Lower Bound "A01040". Prior Year Rate = Prior Year Rate Differential Factor) \* (Effective Coverage If the Effective Coverage Level equals an **Differential Factor** Level Percent - Floored Effective Coverage Level Percent) \* existing ADM Coverage Level then this will be 20, 9) based on the Effective Coverage Level. If the Effective Coverage Level falls between Lower Bound Prior Year Rate existing ADM Coverage Levels then this will be ADM 9.99999999 None Differential Factor 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 9.99 Internal None Percent 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 Floored Effective Coverage this will be the lower ADM Coverage Level. 9.99 Internal None Level Percent If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

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Record Name: Acreage

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		Record Name: Acreage Record Code: P11			Version Release Date	: Approved : 12/18/2017	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn	Dagard		0067 Dry Peas	r: ald	0091 Barley
	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Section 18: Unit Residual	Factor						The lookup/interpoloation/extrapolation procedure for 'Unit Residual Factor and Prior Unit Residual Factor' when Trend Adjustment Option (TA) was chosen and yield reflects a trend.
When Unit Structure Code	e is equal to Optional Unit, "OU", "I	JA", "UD", or Basic Unit, "BU", use the following calculation	ns for Unit F	Residual Fa	ctor and Prior Year Unit	Residual Factor:	
		Unit Residual Factor	Internal		999.999	Round to 3 decimal places.	The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage levels within the chosen unit structure
		Base Unit Residual Factor	ADM		999.999	None	Base Unit Residual Factor is equal to 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 Unit Residual Factor	ADM		999.999	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 b 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 greate than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.

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Record Name: Acreage
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**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0021 Cotton 0047 Dry Beans 0011 Wheat 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". Round(Base Unit Residual Factor + (Upper Bound Unit If the Effective Coverage Level equals an Residual Factor - Lower Bound Unit Residual Factor) \* Unit Residual Factor = existing ADM Coverage Level then this will be (Effective Coverage Level Percent - Floored Effective based on the Effective Coverage Level. Coverage Level Percent) \* 20, 3) If the Effective Coverage Level falls between Lower Bound Unit Residual ADM 999.999 None existing ADM Coverage Levels then this will be Factor 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 Internal 9.99 None Percent 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 Floored Effective Coverage this will be the lower ADM Coverage Level. Internal 9.99 None Level Percent If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules The cap value for the Residual Factors is the Round to 3 decimal Prior Year Unit Residual Factor Internal 999.999 MAX(Residual Factor) from all coverage levels places. within the chosen unit structure Base Prior Year Unit Residual Factor is equal to Prior Year Unit Residual for Minimum of 1) Maximum available Coverage Level or; 2) Base Prior Year Unit Residual available Coverage Level less than or equal to ADM 999.999 None Factor Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". 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 Upper Bound Prior Year Unit existing ADM Coverage Levels then this will be ADM 999.999 None Residual Factor 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.

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Record Name: Acreage
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**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0067 Dry Peas 0018 Rice 0043 Popcorn 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules Based on the 'lower bound' Coverage Level. Round(Base Prior Year Unit Residual Factor + (Upper Bound Edit with ADM Coverage Level Differential, Prior Year Unit Residual Prior Year Unit Residual Factor - Lower Bound Prior Year "A01040". Factor Unit Residual Factor) \* (Effective Coverage Level Percent -If the Effective Coverage Level equals an Floored Effective Coverage Level Percent) \* 20, 3) existing ADM Coverage Level then this will be based on the Effective Coverage Level. If the Effective Coverage Level falls between Lower Bound Prior Year Unit existing ADM Coverage Levels then this will be ADM 999.999 None Residual Factor 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 Internal 9.99 None Percent 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 Floored Effective Coverage the lower ADM Coverage Level. Internal 9.99 None Level Percent If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

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Record Code: P11

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		Record Name: Acreage Record Code: P11				:: Approved :: 12/18/2017	
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	Calculations	Field Name	Record Number	<u>Field</u> <u>Number</u>	Field Format	<u>Field</u> <u>Rounding</u>	Rules
When Unit Structure Code	e is equal to Enterprise Unit, 'EU', use th	e following calculations for Enterprise Unit Residual Fa	ctor and Pri	or Year En	terprise Unit Residual Fa	actor:	
		Enterprise Unit Residual Factor	Internal		999.999	Round to 3 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		999.999	None	Base Enterprise Unit Residual Factor is equal t 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".
		Upper Bound Enterprise Unit Residual Factor	ADM		999.999	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 based on 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 great than the maximum ADM Coverage Level then this will be based on the highest ADM Coverage Level.

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Percent

Record Code: P11

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9.99

None

Record Code: P11 Release Date: 12/18/2017 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Field Field Record **Field** <u>Number</u> **Calculations** <u>Name</u> Number **Format** Rounding Rules Based on the 'lower bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040". Round(Base Enterprise Unit Residual Factor + (Upper Bound If the Effective Coverage Level equals an Enterprise Unit Residual \_ Enterprise Unit Residual Factor - Lower Bound Enterprise existing ADM Coverage Level then this will be Factor Unit Residual Factor) \* (Effective Coverage Level Percent based on the Effective Coverage Level. Floored Effective Coverage Level Percent) \* 20, 3) If the Effective Coverage Level falls between Lower Bound Enterprise Unit existing ADM Coverage Levels then this will be ADM 999.999 None Residual Factor 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

Internal

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**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0021 Cotton 0011 Wheat 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Field Field Record **Field** <u>Number</u> **Calculations** <u>Name</u> Number **Format** Rounding Rules 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 Floored Effective Coverage this will be the lower ADM Coverage Level. Internal 9.99 None Level Percent If the Effective Coverage Level Percent is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level. The cap value for the Residual Factors is the Round to 3 decimal Prior Year Enterprise Unit 999.999 MAX(Residual Factor) from all coverage levels Internal Residual Factor places. within the chosen unit structure Base Enterprise Prior Year Unit Residual Factor is equal to Enterprise Prior Year Unit Residual for Minimum of 1) Maximum available Base Enterprise Prior Year Unit Coverage Level or; 2) available Coverage Level ADM 999.999 None **Residual Factor** less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".

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Record Name: Acreage
Record Code: P11

Reinsurance Year: 2013
Version: Approved
Release Date: 12/18/2017

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules 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 **Upper Bound Prior Year** ADM 999.999 None existing ADM Coverage Levels then this will be Enterprise Unit Residual Factor 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 Enterprise Prior Year Unit Residual Factor + (Upper Bound Prior Year Enterprise Unit Residual Factor -Based on the 'lower bound' Coverage Level. Prior Year Enterprise Unit = Lower Bound Prior Year Enterprise Unit Residual Factor) \* Edit with ADM Coverage Level Differential, **Residual Factor** (Effective Coverage Level Percent - Floored Effective "A01040". Coverage Level Percent) \* 20, 3) 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 Lower Bound Prior Year existing ADM Coverage Levels then this will be ADM 999.999 None Enterprise Unit Residual Factor 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 9.99 Internal None Percent

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Record Name: Acreage

Reinsurance Year: 2013

Version: Approved

Release Date: 12/18/2013

		Record Code: P11				Release Date	: 12/18/2017	
Insurance Plan Code	01 Yield Protection	02 Reve	nue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
	0011 Wheat	0021 Co	tton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Co	rn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Po	pcorn			0067 Dry Peas		0091 Barley
			<u>Field</u>	Record	Field	<u>Field</u>	<u>Field</u>	
	<u>Calculations</u>		<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>
		Floored Level Pe	Effective Coverage ercent	Internal		9.99	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. If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

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Record Code: P11

Reinsurance Year: 2013

Version: Approved

Release Date: 12/18/2017

		Record Code: P11			Release Date: 12/18/2017					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protection	on with Harvest Price Exclusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers			
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans			
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley			
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>				
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	Rounding	Rules			
hen Unit Structure Code	is equal to Whole Farm Unit, 'WU',	use the following calculations for Whole Farm Unit Resid	lual Factor ar	d Prior Ye	ar Whole Farm Unit Resid	dual Factor:				
		Whole Farm Unit Residual Factor	Internal		999.999	Round to 3 decimal places.	The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage level within the chosen unit structure			
		Base Whole Farm Unit Residu Factor	al ADM		999.999	None	Base Whole Farm Unit Residual Factor is equ to Whole Farm Unit Residual for Minimum of 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 Whole Farm Un Residual Factor	it ADM		999.999	None	Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level Percent equal an existing ADM Coverage Level then this will based on 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 great than the maximum ADM Coverage Level ther this will be based on the highest ADM Coverage Level.			

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013
Version: Approved
Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protectio	n with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola	0021 Cotton 0041 Corn			0047 Dry Beans 0051 Grain Sorghum		0078 Sunflowers 0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
	<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>
Vhole 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, 3)	Lower Bound Whole Farm Unit Residual Factor	ADM		999.999	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.
		Effective Coverage Level Percent	Internal		9.99	None	
		Floored Effective Coverage Level Percent	Internal		9.99	None	Based on the 'floored' Coverage Level. Edit w ADM Coverage Level Differential, "A01040". If the Effective Coverage Level Percent equals an existing ADM Coverage Level then this will 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 greathan the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.
		Prior Year Whole Farm Unit Residual Factor	Internal		999.999	Round to 3 decimal places.	The cap value for the Residual Factors is the MAX(Residual Factor) from all coverage leve within the chosen unit structure

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola	0021 Cotton 0041 Corn			0047 Dry Beans 0051 Grain Sorghum		0078 Sunflowers 0081 Soybeans
	0018 Rice	0043 Popcorn			0067 Dry Peas		0091 Barley
	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
		Base Whole Farm Base Prior Year Unit Residual Factor	ADM		999.999	None	Base Whole Farm Base Prior Year Unit Res Factor is equal to Whole Farm Base Prior Y Unit Residual for Minimum of 1) Maximun available Coverage Level or; 2) available Coverage Level less than or equal to Effect Coverage Level. Edit with ADM Coverage Differential, "A01040".
		Upper Bound Prior Year Whole Farm Unit Residual Factor	ADM		999.999	None	Based on the 'upper bound' Coverage Leve Edit with ADM Coverage Level Differential, "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will based on the Effective Coverage Level. If the Effective Coverage Level falls betwee existing ADM Coverage Levels then this will based on the higher ADM Coverage Level. If the Effective Coverage Level is greater the maximum ADM Coverage Level then the will be based on the highest ADM Coverage Level.
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, 3)	Lower Bound Prior Year Whole Farm Unit Residual Factor	ADM		999.999	None	Based on the 'lower bound' Coverage Leve Edit with ADM Coverage Level Differential "A01040".  If the Effective Coverage Level equals an existing ADM Coverage Level then this will based on the Effective Coverage Level. If the Effective Coverage Levels then this we based on lower ADM Coverage Levels then this we based on lower ADM Coverage Level. If the Effective Coverage Level is greater the maximum ADM Coverage Level then the will be based on the second highest ADM Coverage Level.
		Effective Coverage Level	Internal		9.99	None	

Record Name: Acreage

Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Record Code: P11 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field Field Field Number Rounding **Calculations** <u>Name</u> Number **Format** Rules 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 Floored Effective Coverage Internal 9.99 None the lower ADM Coverage Level. Level Percent If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

> Based on the 'upper bound' Coverage Level. Edit with ADM Coverage Level Differential,

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

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

based on the higher ADM Coverage Level.

"A01040".

Level.

**Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0015 Canola 0067 Dry Peas 0018 Rice 0043 Popcorn 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules The lookup/interpoloation/extrapolation procedure for 'Optional Unit Discount Factor, Section 19: Unit Discount Calculation Basic Unit Discount Factor, and Enterprise Unit Discount Factor' when Trend Adjustment Option (TA) was chosen and yield reflects a trend. When Unit Structure Code is equal to Optional Unit, "OU", "UA", or "UD", use the following calculation for Unit Structure Discount Factor: Round to 4 8 decimal Capped at 1.0 Unit Structure Discount Factor Internal 9.99999999 places. Base Coverage Level Percent Optional Unit Discount Factor is equal to Percent Optional Discount for Minimum of 1) Maximum available Base Coverage Level Percent Coverage Level or; 2) available Coverage Level ADM 9.99999999 None **Optional Unit Discount Factor** less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040".

Upper Bound Coverage Level

Factor

Percent Optional Unit Discount

ADM

9.99999999

None

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	ion with Harvest Price Exclusion
Commodity Code	0011 Wheat 0015 Canola 0018 Rice	0021 Cotton 0041 Corn 0043 Popcorn			0047 Dry Beans 0051 Grain Sorghum 0067 Dry Peas		0078 Sunflowers 0081 Soybeans 0091 Barley
	<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
Unit Structure Discount Factor	Round(Base Coverage Level Percent Optional Unit Discount Factor + (Upper Bound Coverage Level Percent Optional = Unit Discount Factor - Lower Bound Coverage Level Percent Optional Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)		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 based on the Effective Coverage Level. If the Effective Coverage Level falls between existing ADM Coverage Levels then this will based on the lower ADM Coverage Level. If the Effective Coverage Level is greater that the maximum ADM Coverage Level then this will be based on the second highest ADM Coverage Level.
		Effective Coverage Level Percent	Internal		9.99	None	
		Floored Effective Coverage Level Percent	Internal		9.99	None	Based on the 'floored' Coverage Level. Edit ADM Coverage Level Differential, "A01040" If the Effective Coverage Level equals an existing ADM Coverage Level then this will the Effective Coverage Level falls between existing ADM Coverage Levels then this will the lower ADM Coverage Level. If the Effective Coverage Level is greater that the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

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Record Code: P11

Reinsurance Year: 2013

Version: Approved

Polosco Pate: 12/18/2017

Release Date: 12/18/2017 Record Code: P11 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans **Commodity Code** 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules When Unit Structure Code is equal to Basic Unit, 'BU', use the following calculation for Unit Structure Discount Factor: Round to 4 decimal Unit Structure Discount Factor Internal 9.99999999 Capped at 1.0 places. Base Coverage Level Percent Basic Unit Discount Factor is equal to Basic Unit Discount Factor for Minimum of 1) Maximum available Coverage Base Coverage Level Percent ADM 9.99999999 None Level or; 2) available Coverage Level less than or Basic Unit Discount Factor equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". 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. Upper Bound Coverage Level If the Effective Coverage Level falls between Percent Basic Unit Discount existing ADM Coverage Levels then this will be ADM 9.99999999 None Factor 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.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection				03 Revenue Protect	on with Harvest Price Exclusion
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans
	0018 Rice	0043 Popcorn		1	0067 Dry Peas		0091 Barley
	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
Unit Structure Discount Factor	Round(Base Coverage Level Percent Basic Unit Discount Factor + (Upper Bound Coverage Level Percent Basic Unit = Discount Factor - Lower Bound Coverage Level Percent Basic Unit Discount Factor) * (Effective Coverage Level Percent - Floored Effective Coverage Level Percent) * 20, 4)	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 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.
		Effective Coverage Level Percent	Internal		9.99	None	
		Floored Effective Coverage Level Percent	Internal		9.99	None	Based on the 'floored' Coverage Level. Edit w 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.

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Record Name: Acreage

Reinsurance Year: 2013 Version: Approved

Release Date: 12/18/2017 Record Code: P11 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field Calculations Name Number Number **Format** Rounding Rules When Unit Structure Code is equal to Enterprise Unit, 'EU', use the following calculation for Unit Structure Discount Factor: Round to 4 decimal Unit Structure Discount Factor Internal 9.99999999 Capped at 1.0 places. Base Coverage Level Percent Enterprise Unit Discount Factor is equal to Enterprise Unit Discount Factor for Minimum of 1) Maximum Base Coverage Level Percent ADM 9.99999999 None available Coverage Level or; 2) available **Enterprise Unit Discount Factor** Coverage Level less than or equal to Effective Coverage Level. Edit with ADM Coverage Level Differential, "A01040". 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. Upper Bound Coverage Level If the Effective Coverage Level falls between Percent Enterprise Unit ADM 9.99999999 None existing ADM Coverage Levels then this will be **Discount Factor** 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 Coverage Level Percent Enterprise Unit Based on the 'lower bound' Coverage Level. Discount Factor + (Upper Bound Coverage Level Percent Edit with ADM Coverage Level Differential, Unit Structure Discount Enterprise Unit Discount Factor - Lower Bound Coverage "A01040". Factor Level Percent Enterprise Unit Discount Factor) \* (Effective If the Effective Coverage Level equals an Coverage Level Percent - Floored Effective Coverage Level existing ADM Coverage Level then this will be Percent) \* 20, 4) based on the Effective Coverage Level. Lower Bound Coverage Level If the Effective Coverage Level falls between Percent Enterprise Unit ADM None existing ADM Coverage Levels then this will be **Discount Factor** 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.

Record Name: Acreage

Reinsurance Year: 2013

Version: Approved

Record Code: P11 Release Date: 12/18/2017 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0011 Wheat 0021 Cotton 0047 Dry Beans 0078 Sunflowers **Commodity Code** 0015 Canola 0041 Corn 0051 Grain Sorghum 0081 Soybeans 0043 Popcorn 0018 Rice 0067 Dry Peas 0091 Barley Field Record Field Field **Field** Number Rounding **Calculations** <u>Name</u> Number **Format** Rules Effective Coverage Level Internal 9.99 None Percent 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 Floored Effective Coverage the lower ADM Coverage Level. Internal 9.99 None Level Percent If the Effective Coverage Level is greater than the maximum ADM Coverage Level then this will be the highest ADM Coverage Level.

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Record Name: Acreage

Reinsurance Year: 2013 Version: Approved

	Record Name: Record Code:								
Insurance Plan Code	01 Yield Protection	1 Yield Protection 02 Revenue Protection							
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers		
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans		
	0018 Rice	0043 Popcorn Field	Record	Field	0067 Dry Peas Field	Field	0091 Barley		
	Calculations	Name	Number	Number	Format	Rounding	Rules		
Written Agreement Rate Ir	nformation								
Section 20: Written Agree	ment Rate Calculation						The following information will be used only when an applicable county program does not exist in the county and written agreement (WA) specifies a Multiplicative Rate, Add-on Rate, or Designated Rate. This would include situations where a written agreement (WA) for a type or practice not contained in the Actuarial materials.		
When WA specifies a Mult	iplicative Rate:								
	= (Round(Reference Rate + Fixed Rate) * Written Agreement Multiplicative Rate Adjustment,3) - Fixed Rate	Reference Rate	Internal		9.9999	None			
		Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
Reference Rate		Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
		Written Agreement Multiplicative Rate Adjustment	WA		9.9999	None			
	= (Round(Reference Rate + Fixed Rate) * Written Agreement = Multiplicative Rate Adjustment,3) - Fixed Rate	Prior Year Reference Rate	Internal		9.9999	None			
		Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
Prior Year Reference Rate		Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
		Written Agreement Multiplicative Rate Adjustment	WA		9.9999	None			
When WA specifies a Add-	on Rate:				-				
	= Fixed Rate + Written Agreement Add-on Rate	Fixed Rate	Internal		9.9999	None			
Fixed Rate		Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
		Written Agreement Add-on Rate	WA		9.9999	None			
	= Fixed Rate + Written Agreement Add-on Rate	Prior Year Fixed Rate	Internal		9.9999	None			
Prior Year Fixed Rate		Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".		
		Written Agreement Add-on Rate	WA		9.9999	None			

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013 Version: Approved Release Date: 12/18/2017

Insurance Plan Code	01 Yield Protection	02 Revenue Protection 03 Revenue Protection					n with Harvest Price Exclusion	
0011 Wheat		0021 Cotton 0047 Dry Beans			0047 Dry Beans	0078 Sunflowers		
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum	0081 Soybeans		
	0018 Rice	0043 Popcorn 0067 Dry Peas			0091 Barley			
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>		
	<u>Calculations</u>	<u>Name</u>	<u>Number</u>	Number	<u>Format</u>	<u>Rounding</u>	<u>Rules</u>	
When WA specifies a Desig	gned Rate:							
Reference Rate = zero (0)		Reference Rate	Internal		9.9999	None		
Fixed Rate = Designated Rate		Fixed Rate	Internal		9.9999	None		
		Designated Rate	WA		9.9999	None		
Prior Year Reference Rate = zero (0)		Prior Year Reference Rate	Internal		9.9999	None		
Prior Year Fixed Rate = Designated Rate		Prior Year Fixed Rate	Internal		9.9999	None		
		Written Agreement Designated Rate	WA		9.9999	None		
Section 21: Written Agreement Sub County Rate Calculation							The following information will be used when written agreement (WA) modifies a Sub County Rate (High Risk or Map Rate).	
Sub County Rate	= Written Agreement Sub County Rate	Written Agreement Sub County Rate	WA		9.9999	None	Replace Sub County Rate if Written Agreement Sub County Rate is lower. Set Sub County Rate to zero if Written Agreement removes Sub County Rate.	

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013

Version: Approved

Release Date: 12/18/2017

Release Date: 12/18/2017 **Insurance Plan Code** 01 Yield Protection 02 Revenue Protection 03 Revenue Protection with Harvest Price Exclusion 0047 Dry Beans 0011 Wheat 0021 Cotton 0078 Sunflowers 0051 Grain Sorghum **Commodity Code** 0015 Canola 0041 Corn 0081 Soybeans 0018 Rice 0043 Popcorn 0067 Dry Peas 0091 Barley Field Record Field **Field** Field **Calculations** <u>Name</u> Number Number **Format** Rounding Rules CAT does not apply to Downed Rice (DRE). Only 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 Downed Rice Endorsement (DRE) Option 'DC' 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 22: Liability Calculation Round to whole Premium Liability Amount Internal 999999999 number. Edit with ADM Price, "A00810", Fixed Coverage Dollar Amount of Insurance ADM 99999 None Premium Liability Amount = Dollar Amount of Insurance \* Reported Acreage \* Insured Share Percent \* Price Election Percent Amount with insurance option = 'DC'. P11 51 Reported Acreage 9999999.99 None DRE insured share will always be 100% without P11 46 9.9999 None Insured Share Percent regards to base Rice. Price Election Percent ICE 9.9999 None From base Rice P14 record. Round to whole Liability Amount P11 93 999999999 number. Edit with ADM Price, "A00810", Fixed Coverage Dollar Amount of Insurance ADM 99999 None Amount with insurance option = 'DC'. Liability Amount = Dollar Amount of Insurance \* Reported Acreage \* Insured Share Percent \* Price Election Percent Reported Acreage P11 51 999999.99 None DRE insured share will always be 100% without **Insured Share Percent** P11 46 9.9999 None regards to base Rice. Price Election Percent ICE 9.9999 None From base Rice P14 record.

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Record Name: Acreage Record Code: P11 Reinsurance Year: 2013
Version: Approved
Release Date: 12/18/2017

	Record	Record Code: P11		Release Date: 12/16/2017					
Insurance Plan Code	01 Yield Protection	02 Revenue Protection	02 Revenue Protection			03 Revenue Protection with Harvest Price Exclusion			
	0011 Wheat	0021 Cotton			0047 Dry Beans		0078 Sunflowers		
Commodity Code	0015 Canola	0041 Corn			0051 Grain Sorghum		0081 Soybeans		
	0018 Rice	0043 Popcorn			0067 Dry Peas	0091 Barley			
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>			
	<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>		
Section 23: Total Premium	n Amount, Subsidy Amount, and Producer Premium Am	nount							
Preliminary Total	Drolliminary Total		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	94	999999999	Round to whole number.			
		Subsidy Amount	P11	92	999999999	Round to whole number.			
,	= Total Premium Amount * Subsidy Percent	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070". Will always be 38% for DRE.		
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	95	999999999	Round to whole number.			

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