Exhibit Number: P11-9, Plan 90 Record Name: Acreage

Reinsurance Year: 2015 Version: Approved

decimal.

None

None

99999999.99

9.9999

Otherwise, Round to 1

Record Code: P11 Release Date: 9/20/2018

Approved Yield

Coverage Level Percent

0012 Blueberries	
0016 Oats   0055 Culti Wild Rice   0147 Pumpkins   0233 Dark Air Tobacco   0017 Millet   0058 Cranberries   0156 Sweet Potatoes   0234 Cigar Filler Tobacco   0019 Avocados   0059 Silgae Sorghum   0201 Grapefruit   0235 Cigar Filler Tobacco   0022 Cotton Extra Long   0060 Figs   0202 Lemons   0236 Cigar Wrapper Toba   0023 Macadamia Nuts   0064 Green Peas   0203 Tangelos   0238 Rio Red & Star Ruby   0028 Almonds   0067 Dry Peas   0218 Fresh Apricots   0258 Rio Red & Star Ruby   0028 Almonds   0067 Dry Peas   0218 Fresh Apricots   0258 Banana   0257 Papaya   0031 Flax   0072 Cabbage   0229 Fresh Netarines   0257 Papaya   0033 Forage Production   0074 Mint   0221 Processing Apricots   0256 Coffee   0334 Ceaches   0034 Potatoes   0222 Processing Freestone   0339 Mandarins/Tangerin   034 Peaches   0034 Potatoes   0222 Processing Freestone   0339 Mandarins/Tangerin   034 Peaches   0038 Sugar Cane   0086 Protatoes   0222 Fresh Netestone Peaches   0396 Seame   0038 Sugar Cane   0087 Tomatoes   0222 Fresh Peestone   0336 Seame   0396 Seame   0039 Seare   0222 Fresh Peestone   0336 Seame   0339 Seare	
0017 Millet   0058 Cranberries   0156 Sweet Potatoes   0234 Cigar Filler Tobacco   0019 Avocados   0059 Sliage Sorghum   0201 Grapefruit   0235 Cigar Binler Tobacco   0022 Cotton Extra Long   0066 Figs   0202 Lemons   0236 Cigar Wrapper Tool   0023 Macadamia Nuts   0066 Green Peas   0203 Tangelos   0238 Rio Red & Star Ruby   0028 Almonds   0067 Dry Peas   0218 Fresh Apricots   0255 Banana   0067 Dry Peas   0218 Fresh Apricots   0255 Coffee   0029 Walnuts   0069 Mustard   0029 Walnuts   0072 Cabbage   0029 Fresh Nectarines   0257 Papaya   0031 Flax   0072 Cabbage   0031 Flax   0072 Cabbage   0031 Fresh Potatos   0034 Peaches   0034 Peaches   0034 Peaches   0034 Potatoes   0034 Peaches   0034 Potatoes   0034 Peaches   0034 Potatoes   0034 Peaches   0036 Fresh Tomatoes   0222 Processing Freestone   0330 Samelina   0036 Prunes   0038 Sugar Cane   0087 Tomatoes   0223 Fresh Freestone Peaches   0396 Sesame   0038 Sugar Cane   0087 Tomatoes   0223 Fresh Freestone Peaches   0396 Sesame   0039 Sugar Beets   0089 Pears   0225 Late Oranges   0470 Pistachios   0046 Canning Beans   0094 Rye   0227 Oranges   0501 Olives   0047 Dry Beans   0046 Canning Beans   0094 Rye   0227 Oranges   0046 Canning Beans   0094 Rye   0227 Oranges   0228 Riby Red Grapefruit   0046 Canning Beans   0094 Rye   0227 Oranges   0228 Riby Red Grapefruit   0046 Canning Beans   0094 Rye   0227 Oranges   0229 Flue Cured Tobacco   0052 Table Grapes   0107 Alfalfa Seed   0230 Fire Cured Tobacco   0230 Fire Cured Tobacco   0052 Table Grapes   0107 Alfalfa Seed   0230 Fire Cured Tobacco   0230 Fire Cured Tobacco   0330 F	со
0019 Avocados	)
0022 Cotton Extra Long   0060 Figs   0202 Lemons   0236 Cigar Wrapper Toba   0023 Macadamia Nuts   0064 Green Peas   0203 Tangelos   0238 Rio Red & Star Ruby   0028 Almonds   0067 Dry Peas   0218 Fresh Apricots   0255 Banana   0256 Coffee   0029 Walnuts   0069 Mustard   0219 Processing Apricots   0256 Coffee   0031 Flax   0072 Cabbage   0220 Fresh Nectarines   0257 Papaya   0033 Forage Production   0074 Mint   0221 Processing Gling Peaches   0390 Mandarins/Tangerin   0034 Peaches   0034 Peaches   0034 Potatoes   0022 Processing FreeStone   0333 Camelina   0036 Prunes   0036 Fresh Tomatoes   0222 Processing FreeStone   0333 Camelina   0036 Prunes   0036 Fresh Tomatoes   0223 Fresh FreeStone Peaches   0336 Sesame   0038 Sugar Cane   0086 Fresh Tomatoes   0224 Early & Midseason Oranges   0470 Pistachios   0039 Sugar Beets   0089 Pears   0225 Late Oranges   0501 Olives   0042 Sweet Corn   0092 Fresh Plums   0226 All Other Grapefruit   0046 Canning Beans   0094 Rye   0227 Oranges   0047 Dry Beans   0102 Grass Seed   0228 Ruby Red Grapefruit   0049 Safflower   0105 Fresh Market Beans   0229 Flue Cured Tobacco   0052 Table Grapes   0107 Alfalfa Seed   0230 Fire Cured Tobacco   0530 Fire Cured Tobacco   0530 Fire Cured Tobacco   0540 Field	ссо
0023 Macadamia Nuts	ссо
O028 Almonds	obacco
Commodity Code         0029 Walnuts         0069 Mustard         0219 Processing Apricots         0256 Coffee           0031 Flax         0072 Cabbage         0220 Fresh Nectarines         0257 Papaya           0033 Forage Production         0074 Mint         0221 Processing Cling Peaches         0309 Mandarins/Tangerin           0034 Peaches         0084 Peaches         0322 Processing Freestone         0333 Camelina           0036 Prunes         0086 Fresh Tomatoes         0222 Fresh Freestone Peaches         0339 Sesame           0038 Sugar Cane         0087 Tomatoes         0224 Early & Midseason Oranges         0470 Pistachios           0042 Sweet Corn         0092 Fresh Plums         0225 Late Oranges         0501 Olives           0045 Conding Beans         0094 Rye         0227 Oranges         0210 Oranges           0047 Dry Beans         0102 Grass Seed         0228 Ruby Red Grapefruit         0049 Series           0049 Safflower         0105 Fresh Market Beans         0229 Fire Cured Tobacco         0230 Fire Cured Tobacco           0052 Table Grapes         0107 Alfalfa Seed         0230 Fire Cured Tobacco         0230 Fire Cured Tobacco    Section 1: Liability Calculations    When Unit of Measure equals Pounds, "LBS", then Round to Pounds, "LBS", then Round	uby
0031 Flax	
0033 Forage Production 0074 Mint 0221 Processing Cling Peaches 0309 Mandarins/Tangerir 034 Peaches 034 Peaches 0084 Potatoes 0222 Processing Freestone 0333 Camelina 036 Prunes 0366 Fresh Tomatoes 0223 Fresh Freestone Peaches 0396 Sesame 0383 Sugar Cane 0387 Tomatoes 0224 Early & Midseason Oranges 0470 Pistachios 0395 Sugar Beets 0399 Pears 0225 Late Oranges 0501 Olives 0501 Olives 0404 Canning Beans 094 Rye 0227 Oranges 0501 Olives 0404 Canning Beans 094 Rye 0227 Oranges 0228 Ruby Red Grapefruit 049 Safflower 0105 Fresh Market Beans 0229 Flue Cured Tobacco 0527 Table Grapes 0107 Alfalfa Seed 0230 Fire Cured Tobacco 0520 Field Field Field Field Field Field Field Pormat Rounding Rule Section 1: Liability Calculation	
0034 Peaches 0084 Potatoes 0222 Processing Freestone 0333 Camelina 0366 Prunes 0086 Fresh Tomatoes 0223 Fresh Freestone Peaches 0396 Sesame 0398 Sugar Cane 0087 Tomatoes 0224 Early & Midseason Oranges 0470 Pistachios 0399 Sugar Beets 0089 Pears 0225 Late Oranges 0501 Olives 0501 Olives 0470 Pistachios	
0036 Prunes 0086 Fresh Tomatoes 0223 Fresh Freestone Peaches 0396 Sesame 0038 Sugar Cane 0087 Tomatoes 0224 Early & Midseason Oranges 0470 Pistachios 0039 Sugar Beets 0089 Pears 0225 Late Oranges 0501 Olives 0425 Sweet Corn 0925 Fresh Plums 0226 All Other Grapefruit 046 Canning Beans 094 Rye 0227 Oranges 0470 Pistachios 0470 Pistach	erines
0038 Sugar Cane 0039 Sugar Beets 0089 Pears 0042 Sweet Corn 0092 Fresh Plums 0046 Canning Beans 0047 Dry Beans 0047 Dry Beans 0049 Safflower 0049 Safflower 0052 Table Grapes 0107 Alfalfa Seed 0107 Alfalfa Seed 0107 Alfalfa Seed 0108 Record Name 0108 Record Number 0108 Field Number 0109 Format 0109 Number	
0039 Sugar Beets 0089 Pears 0225 Late Oranges 0501 Olives 0042 Sweet Corn 0092 Fresh Plums 0226 All Other Grapefruit 0046 Canning Beans 0094 Rye 0227 Oranges 0047 Dry Beans 0102 Grass Seed 0228 Ruby Red Grapefruit 0049 Safflower 0105 Fresh Market Beans 0229 Flue Cured Tobacco 0052 Table Grapes 0107 Alfalfa Seed 0230 Fire Cured Tobacco 0052 Table Grapes 0107 Alfalfa Seed Number Format Rounding Rule Section 1: Liability Calculation  When Unit of Measure equals Pounds, "LBS", then Round to	
0042 Sweet Corn 0045 Canning Beans 0048 Rye 0047 Dry Beans 0049 Safflower 0049 Safflower 0052 Table Grapes 0107 Alfalfa Seed 0107 Alfalfa Seed 0107 Alfalfa Seed 0108 Record Name 0109 Field Number 0105 Field Num	
0046 Canning Beans 0047 Dry Beans 0047 Dry Beans 0049 Safflower 0049 Safflower 0052 Table Grapes 0107 Alfalfa Seed 0107 Alfalfa Seed 0228 Ruby Red Grapefruit 0229 Flue Cured Tobacco 0230 Fire Cured Tobacco 0330 Fire Cured Tobacco 0330 Fire Cured Tobacco 0430 Field Field Field Format Rounding Rule 050 Format Rounding Rule	
0047 Dry Beans 0102 Grass Seed 0228 Ruby Red Grapefruit 0049 Safflower 0105 Fresh Market Beans 0229 Flue Cured Tobacco 0230 Fire Cured Tobacco 0230 Fi	
0047 Dry Beans 0102 Grass Seed 0228 Ruby Red Grapefruit 0049 Safflower 0105 Fresh Market Beans 0229 Flue Cured Tobacco 0230 Fire Cured Tobacco 0230 Fi	
0049 Safflower 0105 Fresh Market Beans 0229 Flue Cured Tobacco 0230 Fire Cured Tobacco 0230 Fire Cured Tobacco  Tield Name Number Format Rounding Rule Record Rounding Rule Rounding Rule Record Rounding Rule Rounding Rul	
0052 Table Grapes 0107 Alfalfa Seed 0230 Fire Cured Tobacco  Field Calculations Field Name Number Format Rounding Rule Section 1: Liability Calculation  When Unit of Measure equals Pounds, "LBS", then Round to	
Field Record Field Field Field Format Rounding Rule  Calculations  Section 1: Liability Calculation  When Unit of Measure equals Pounds, "LBS", then Round to	
Calculations     Name     Number     Number     Format     Rounding     Rule       Section 1: Liability Calculation         When Unit of Measure equals Pounds, "LBS", then Round to	
Section 1: Liability Calculation  When Unit of Measure equals Pounds, "LBS", then Round to	
When Unit of Measure equals Pounds, "LBS", then Round to	<u>Rules</u>
Pounds, "LBS", then Round to	
whole Number.	
Guarantee Per Acre1 = Approved Yield * Coverage Level Percent  Guarantee Per Acre1  Internal  Internal  Internal  Internal  Internal  99999999.99  When Unit of Measure equals Tons, "Tons", then Round to 2 decimals.  Guarantee Per Acre1 show whole pounds for Dry Bear and Dry Peas, "0067" (all recommends)."	Beans, "0047" (all types),

P11

P14

43

34

9/13/2018 Page 1 of 9 **Exhibit Name:** Premium Calculation **Exhibit Number:** P11-9, Plan 90

Record Name: Acreage Record Code: P11 Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

	Field	Record	Field	Field	Field	
<u>Calculations</u>	Name	Number	Number	Format	Rounding	Rules
	Premium Acre Guarantee Quantity	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number.  When Unit of Measure equals Tons, "Tons", then Round to 2 decimals.  Otherwise, Round to 1	Premium Acre Guarantee Quantity should be
	Yield Conversion Factor	P11	60	9.999	decimal. None	Yield Conversion Factor must be valid; edit with the Yield Conversion ICE, "D00064".
Round(Guarantee Per Acre1 * Yield Conversion Factor, Acre Guarantee Quantity = lbs to 0, tons to 2, all other 1) * Guarantee Adjustment Factor	Acre Guarantee Quantity	P11	103	99999999.99	When Unit of Measure equals Pounds, "LBS", then Round to whole Number.  When Unit of Measure equals Tons, "Tons", then Round to 2 decimals.  Otherwise, Round to 1 decimal.	Acre Guarantee Quantity should be rounded to
	Yield Conversion Factor	P11	60	9.999	None	Yield Conversion Factor must be valid; edit with the Yield Conversion ICE, "D00064".
	Guarantee Adjustment Factor	P11	72	0.999	None	Edit with the Guarantee Adjustment ICE, "D00068".
Premium Total Guarantee Amount = Premium Acre Guarantee Quantity * Reported Acreage	Premium Total Guarantee	Internal		99999999.99	When Unit of Measure equals Barrels or Tons, then Round to 1 decimal.  Otherwise, Round to whole number.	
	Reported Acreage	P11	49	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.

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**Exhibit Name:** Premium Calculation **Exhibit Number:** P11-9, Plan 90

Record Name: Acreage Record Code: P11 Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

	Field	Record	Field	Field	Field	
<u>Calculations</u>	<u>Name</u>	Number	Number	Format	Rounding	<u>Rules</u>
					When Unit of Measure equals	
					Barrels or Tons, then Round	
	Total Guarantee Amount	P11	100	99999999.99	to 1 decimal.	
Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage	Total Gadrantee / imount		100	3333333.33		
					Otherwise, Round to whole	
					number.	Described Assessed societies and of all
	Reported Acreage	P11	49	999999.99	None	Reported Acreage must equal the sum of all
					See Appendix III Price Election	Land, P27, Reported Acreage.
	Price Election Amount	P11	46	9999.9999	Amount Rounding Exhibit P11	Result will be capped if based on Contract Price
	Price Election Amount	(Internal)	40	3333.3333	8.	and it exceeds Contract Price Max.
	ADM Price	ADM		99999.9999	<u> </u>	Edit with ADM Price, "00810".
Price Election Amount = ADM Price (or Contract Price) * Price Election Percent	ADMITTICE	ADIVI		33333.3333		•
	Contract Price	P11	47	9999.9999	None	Contract Price, if applicable, should be entered
			.,			in the Contract Price field.
	Price Election Percent	P14	35	9.9999	None	
Premium Liability Amount = Premium Total Guarantee Amount * Price Election	Premium Liability Amount	Internal		999999999	Round to whole number	
Premium Liability Amount = Amount * Insured Share Percent	Price Election Amount	P11	46	9999.9999	None	Edit with ADM Price, "A00810".
	Insured Share Percent	P11	44	9.999	None	,
For Mustard (commodity 0069):	Premium Liability Amount	Internal		999999999	Round to whole number	
(Lesser of "Reported Pounds or Premium Total	Premium Liability Amount	internal		333333333	Round to whole number	
Premium Liability Amount = Guarantee Amount") * Price Election Amount * Insured	Reported Pounds	P11	33	999999999	None	
Share Percent	Price Election Amount	P11	46	9999.9999	None	Edit with ADM Price, "A00810".
	Insured Share Percent	P11	44	9.999	None	
T. 10	Liability Amount	P11	91	999999999	Round to whole number.	
Liability Amount = Total Guarantee Amount * Price Election Amount * Insured Share Percent	Drice Clastics Associat	P11	4.0	0000 0000	Nama	
ilisured share Percent	Price Election Amount Insured Share Percent	P11 P11	46 44	9999.9999 9.999	None None	
For Mustard (commodity 0069):	ilisured Share Percent	PII	44		None	
	Liability Amount	P11	91	999999999	Round to whole number	
(Lesser of "Reported Pounds or Total Guarantee	Reported Pounds	P11	33	999999999	None	
Liability Amount = Amount") * Price Election Amount * Insured Share	Price Election Amount	P11	46	9999.9999	None	Edit with ADM Price, "A00810".
Percent	Insured Share Percent	P11	44	9.999	None	
Section 2: Base Premium Rate Calculation						
	Current Year Yield Ratio	Internal		9999999.99	Round to 2 decimals.	Cup at 0.50 and Cap at 1.50.
Current Year Yield Ratio = Rate Yield / Reference Yield	Rate Yield	P15	35	99999999.99	None	·
	Reference Yield	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".
Prior Year Yield Ratio = Rate Yield / Prior Year Reference Yield  Current Year Rate  Multiplier = Current Year Yield Ratio ^ Exponent Value	Prior Year Yield Ratio	Internal		9999999.99	Round to 2 decimals.	
	Rate Yield	P15	35	99999999.99	None	
	Prior Year Reference Yield	ADM		99999.99	None	Edit with ADM Base Rate, "A01010".
	Current Year Rate Multiplier	Internal		999999.99999999	Round to 8 decimals.	
	Exponent Value	ADM		S99.999	None	Edit with ADM Base Rate, "A01010".
Prior Year Rate Multiplier = Prior Year Yield Ratio ^ Prior Year Exponent Value	Prior Year Rate Multiplier	Internal		999999.9999999	Round to 8 decimals.	
,	Prior Year Exponent Value	ADM		S99.999	None	Edit with ADM Base Rate, "A01010".

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Exhibit Name: Premium Calculation
Exhibit Number: P11-9, Plan 90
Record Name: Acreage

Record Code: P11

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

	<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>
When Rate Method Code equals Fixed Rate, "F": Sub County Rate	Current Year Base Rate	Internal		999999.9999999	Round to 8 decimals.	
When Rate Method Code equals Additive, "A":  Sub County Rate + (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Sub County Rate	ADM		9.9999	None	Edit with ADM Sub County Rate, "A01050".
When Rate Method Code equals Multiplicative, "M":  Sub County Rate * (Current Year Rate Multiplier * Reference Rate + Fixed Rate)	Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
Otherwise:  Current Year Rate Multiplier * Reference Rate + Fixed Rate.	Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
When Rate Method Code equals Fixed Rate, "F": Sub County Rate	Prior Year Base Rate	Internal		999999.9999999	Round to 8 decimals.	
When Rate Method Code equals Additive, "A":  Sub County Rate + (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate)	Sub County Rate	ADM		9.9999	None	Edit with ADM Sub County Rate, "A01050".
When Rate Method Code equals Multiplicative, "M":  Sub County Rate * (Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate)	Prior Year Reference Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".
Otherwise:  Prior Year Rate Multiplier * Prior Year Reference Rate + Prior Year Fixed Rate	Prior Year Fixed Rate	ADM		9.9999	None	Edit with ADM Base Rate, "A01010".

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Exhibit Number: P11-9, Plan 90
Record Name: Acreage
Record Code: P11

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

	Field	Record	Field	Field	Field	
<u>Calculations</u>	<u>Name</u>	Number	Number	Format	Rounding	Rules
	Current Year Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	
	Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential, "A01040".
Current Year Base _ Current Year Base Rate * Rate Differential Factor * Unit Premium Rate = Residual Factor.	Unit Residual Factor	ADM		9.999	None	Edit with ADM Coverage Level Differential, "A01040". When Unit Structure Code equals "OU", "UA", "UD", or "BU", then Unit Residual Factor. When Unit Structure Code equals "EU" or "EP", then Enterprise Unit Residual Factor.
	Prior Year Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	
	Prior Year Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".
Prior Year Base Premium Prior Year Base Rate * Prior Year Rate Differential Facto Rate * Prior Year Residual Factor * 1.2	Prior Year Unit Residual Factor	ADM		9.999	None	Edit with ADM Coverage Level Differential, "A01040". When Unit Structure Code equals "OU", "UA", "UD", or "BU", then Prior Year Unit Residual Factor. When Unit Structure Code equals "EU" or "EP", then Prior Year Enterprise Unit Residual Factor.
Base Premium Rate = MIN (Current Year Base Premium Rate, Prior Year Base Premium Rate, or .999)	Base Premium Rate	P11	94	999999.99999999	None	
Section 3: Optional Coverage Calculation						
Additive Optional Rate When Rate Method Code = A	Additive Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
Adjustment Factor	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
SUM (Option Rate(s)) * Rate Differential Factor	Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential, "A01040".
Multiplicative Optional Rate Adjustment Factor	Multiplicative Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
Product (Option Rate(s))	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".

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Exhibit Number: P11-9, Plan 90
Record Name: Acreage
Record Code: P11

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

Field Record Field Field Field Calculations Name Number Number **Format** Rounding Rules Section 4: Premium Rate Calculation Premium Rate Internal 999999.9999999 Round to 8 decimals. Premium Rate is capped at 0.99900000. Edit with ADM Unit Discount, "A01090". When Unit Structure Code equals "OU", "UA", or "UD", then Unit Structure Discount Factor equals Optional Unit Discount Factor. When Unit Structure Code equals "BU", then Unit Structure Discount Factor equals Basic Unit Discount Factor. Base Premium Rate \* Unit Structure Discount Factor \* If commodity (ie Dry Beans and Dry Peas) uses Premium Rate = Multiplicative Optional Rate Adjustment Factor + acres for determination of Unit Structure Additive Optional Rate Adjustment Factor Discount Factor and Unit Structure Code equals Unit Structure Discount Factor ADM 9.999 None "BU", Basic Unit Discount Factor is contingent upon the sum of reported acres which were not prevented from planting for the unit being greater than or equal to Area Low Quantity and less than or equal to Area High Quantity fields contained on the ADM Unit Discount, "A01090" for Coverage Level. If unit only has prevented planted acres then no discount, factor = 1.000. When Unit Structure Code equals "EU" or "EP", then Unit Structure Discount Factor equals Enterprise Unit Discount Factor. Section 5: Total Premium, Subsidy, and Producer Premium Calculation Preliminary Total Premium Internal 999999999 Round to whole number Amount Must be a value between minimum and Preliminary Total \_ Premium Liability Amount \* Premium Rate \* Experience Experience Factor P11 48 9.999 None maximum on ICE, "D10023". Premium Amount Factor \* Premium Surcharge Percent When Surcharge Applied Flag equals "Y", then Premium Surcharge Percent Internal 9.99 None Premium Surcharge Percent must equal 0.05, otherwise must equal 0.00. P11 92 999999999 **Total Premium Amount** Round to whole number Total Premium Amount = Preliminary Total Premium Amount \* Multiple Commodity Adjustment Factor Multiple Commodity Adjustment ICE 9999.999 None Edit with ICE Multiple Cropping, "D00063". Factor If this record qualifies for Beginning Farmer and Subsidy Amount P11 90 999999999 Round to whole number Rancher or Native Sod, see Section 10 for Subsidy Amount = Total Premium Amount \* Subsidy Percent subsidy calculations. Edit with ADM Subsidy Percent, "A00070". Subsidy Percent ADM 9.999 None Producer Premium = Total Premium Amount - Subsidy Amount P11 93 999999999 Round to whole number Producer Premium Amount Amount

**Exhibit Name:** Premium Calculation **Exhibit Number:** P11-9, Plan 90

Record Name: Acreage Record Code: P11 Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

Section 6: Lability Calculation  **Section 6: Lability Calculation***  **Section 6: Lability Calculation************************************	Record Code: P11 Release Date: 9/20/2018								
Name			T						
information (Approved Yield, Rate Yield Reported Acreage, Insured State Percent)  Record associated with the Cottoniene record of the Cottoniene r									
Reported Acreage, Insured Stane Percent, Percent and Acreage, Insured Stane Percent, Percent and Acreage, Insured Stane Percent, Percent and Stand Formation (Particular dissociated with the Cottonese record.)	<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules		
Modified Yield = Approved Yield* Option Conversion Factor	Cottonseed Endorsement Option 'SE'						Reported Acreage, Insured Share Percent, Base Premium Rate) will be obtained from ELS Cotto P11 record associated with the Cottonseed		
Modified Yield = Approved Yield * Option Conversion Factor  Approved Yield South Formatting Conversion Factor  Approved Yield South Formatting South Formatting South Promises Control Prince Conversion Factor  Approved Yield South Formatting South Prince South Prince Conversion Factor  Approved Yield South Formatting South Prince South Prince Conversion Factor  Approved Yield South South Prince Conversion Factor  Approved Yield South South Prince Conversion Factor  Approved Yield Yield South Prince Conversion Factor  Approved Yield Prince Factor  Approved Yield South Prince Factor  Approved Yield Prince Factor  Approved Yield South Prince Conversion Factor  Approved Yield South Prince Factor  Approved Yield Yield Prince F	Section 6: Liability Calculation								
Guarantee Per Acrel = Modified Yield * Coverage Level Percent  Guarantee Per Acrel = Modified Yield * Coverage Level Percent  Guarantee Per Acrel = Modified Yield * Coverage Level Percent  Premium Acre Guarantee Quantity  Guarantee Per Acrel = Guarantee Per Acrel = Guarantee Per Acrel = Guarantee Adjustment Factor  Acre Guarantee Quantity = Guarantee Per Acrel * Guarantee Adjustment Factor  Acre Guarantee Quantity = Guarantee Per Acrel * Guarantee Adjustment Factor  Acre Guarantee Quantity = Premium Acre Guarantee Adjustment Factor  Anount = Premium Acre Guarantee Quantity * Reported Acreage Amount = Premium Total Guarantee Amount * Acre Guarantee Quantity * Reported Acreage Amount = Premium Total Guarantee Amount * Price Election Amount = Amount * Insured Share Percent  Itability Amount = Total Guarantee Amount * Price Election Amount  Itability Amount = Total Guarantee Amount * Price Election Amount  Itability Amount = Total Guarantee Amount * Price Election Amount  Itability Amount = Total Guarantee Amount * Price Election Amount  Itability Amount = Total Guarantee Amount * Price Election Amount  Itability Amount = Total Guarantee Amount * Price Election Amount  Itability Amount = Total Guarantee Amount * Price Election Amount  Itability Amount = Total Guarantee Amount * Price Election Amount * Price E		Modified Yield	Internal		99999999.99	Round to whole Number.			
Guarantee Per Acre 1 = Modified Yield * Coverage Level Percent   Coverage Level Percent   P14   34   9,9999 9.99   Round to whole Number.	Modified Yield = Approved Yield * Option Conversion Factor	Approved Yield	P11	43	99999999.99	None	From ELS cotton P11 record.		
Guarantee Per Acre1 = Modified vield **Coverage Level Percent Quantity  Premium Acre Guarantee Quantity  Acre Guarantee Quantity  Guarantee Per Acre1 **Guarantee Adjustment Factor Acre Guarantee Quantity  Premium Acre Guarantee Quantity  Acre Guarantee Quantity  Premium Total Guarantee Amount = Premium Acre Guarantee Quantity **Reported Acreage Amount = Premium Total Guarantee Amount **Premium Total Guarantee Amount **Premium Total Guarantee Amount **Acre Guarantee Quantity **Reported Acreage Amount = Premium Total Guarantee Amount **Premium Total Guarantee Amount **Acre Guarantee Quantity **Reported Acreage Amount = Premium Total Guarantee Amount **Premium Iotal Guarantee Amount **Pr		Option Conversion Factor	ADM	64	9.9999	None	Edit with ADM Option Rate, "A01060".		
Premium Acre Guarantee Quantity = Guarantee Per Acre 1 * Guarantee Adjustment Factor Quantity    Acre Guarantee Quantity = Guarantee Per Acre 1 * Guarantee Adjustment Factor Quantity    Acre Guarantee Quantity = Guarantee Per Acre 1 * Guarantee Adjustment Factor Quantity * Reported Acreage Amount    Premium Total Guarantee Amount = Premium Acre Guarantee Quantity * Reported Acreage Amount Amount * Price Election Amount    Premium Liability Amount = Premium Total Guarantee Amount * Price Election Amount Amo	Guarantee Per Acre1 = Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Round to whole Number.			
Premium Acre Guarantee Quantity = Guarantee Per Acre1	•	Coverage Level Percent	P14	34	9.9999	None			
Acre Guarantee Quantity = Guarantee Par Acre 1 * Guarantee Adjustment Factor  Guarantee Adjustment Factor  Guarantee Adjustment Factor  Fremium Total Guarantee Amount  From ELS cotton P11 record.  From ELS c	Premium Acre Guarantee Quantity = Guarantee Per Acre1		Internal		99999999.99	Round to whole Number.			
Premium Total Guarantee Amount	Acra Guarantee Quantity - Guarantee Per Acra1 * Guarantee Adjuctment Factor	Acre Guarantee Quantity	P11	103	99999999.99				
Premium Total Guarantee Amount Amount Premium Acre Guarantee Quantity Reported Acreage Reported Acreage P11 49 999999.99 None Prom ELS cotton P11 record.  Total Guarantee Amount Acreage Premium Liability Amount Premium Liability Amount Insured Share Percent Insured Share Percent P11 40 99999999.99 None Cidit with ADM Price, "A00810". Will alway equal 100% of Cottonseed Established Price Election Amount P11 40 999999999 None  Total Guarantee Amount Price Election Amount Price Election Amount Insured Share Percent P11 44 9.999 None  Total Guarantee Amount Price Election Amount Price Election Amount P11 40 9.999 None  Liability Amount Insured Share Percent P11 44 9.999 None  Total Guarantee Amount Price Election Amount P11 40 9.999 None  Liability Amount P11 40 9.999 None  Liability Amount P11 40 9.999 None  Section 7: Optional Coverage Calculation  When Rate Method Code = A Additive Optional Rate Adjustment Factor  Multiplicative Optional Rate Algustment Factor  Multiplicative	Acte dualance Quantity - dualance rel Acte1 - dualance Aujustinent ractor	Guarantee Adjustment Factor	P11	72	0.999	None	-		
Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage P11 49 999999.99 None From ELS cotton P11 record.  Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage P11 49 999999.99 None From ELS cotton P11 record.  Reported Acreage P11 49 999999.99 None From ELS cotton P11 record.  Premium Liability Amount = Premium Total Guarantee Amount * Price Election Amount * Insured Share Percent Price Election Amount Price Election Amount Internal Price Election Amount Price Election Amount Insured Share Percent P11 44 9.999 None  Liability Amount = Total Guarantee Amount * Price Election Amount Insured Share Percent P11 44 9.999 None  Liability Amount P11 46 9999.9999 None  Liability Amount P11 46 9999.9999 None  Section 7: Optional Coverage Calculation  Additive Optional Rate Adjustment Factor SUM (Option Rate(s)) * Rate Differential Factor Optional Rate Adjustment Factor  Multiplicative Optional Rate Adjustment Factor	Premium Total Guarantee = Premium Acre Guarantee Quantity * Reported Acreage		Internal		99999999.99	Round to whole number.			
Fremium Liability Amount = Premium Total Guarantee Quantity * Reported Acreage	Amount	Reported Acreage	P11	49	999999.99	None	From ELS cotton P11 record.		
Premium Liability Amount   Premium Total Guarantee Amount * Price Election Amount * Insured Share Percent      Amount * Insured Share Percent	Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage	Total Guarantee Amount	P11	100	99999999.99	Round to whole number.			
Premium Liability Amount = Premium Total Guarantee Amount * Price Election Amount * Insured Share Percent    Price Election Amount   Price Election Am	Total Guarantee Amount - Acre Guarantee Quantity Reported Acreage	Reported Acreage	P11	49	999999.99	None	From ELS cotton P11 record.		
Additive Optional Rate Adjustment Factor  Multiplicative Optional Rate Salte Method Code = M  Multiplicative Optional Rate Salte Method Code = M  Multiplicative Optional Rate Salte Adjustment Factor  Multiplicative Optional Rate Adjustment Factor  Amount * Insured Share Percent  P11		Premium Liability Amount	Internal		999999999	Round to whole number			
Insured Share Percent P11 44 9.999 None  Liability Amount = Total Guarantee Amount * Price Election Amount   Liability Amount   P11 91 9999999999   Round to whole number.   Price Election Amount   P11 46 9999.9999   None   Price Election Amount   P11 44 9.999   None    Section 7: Optional Coverage Calculation  Additive Optional Rate Adjustment Factor   Additive Optional Rate Adjustment Factor    When Rate Method Code = A   Additive Optional Rate   Adjustment Factor   SUM (Option Rate(s)) * Rate Differential Factor   Rate Differential Factor    Multiplicative Optional Rate Adjustment Factor		Price Election Amount	P11	46	9999.9999	None	Edit with ADM Price, "A00810". Will always equal 100% of Cottonseed Established Price.		
Liability Amount = Total Guarantee Amount * Price Election Amount * Insured Share Percent   Price Election Amount   Price Elec		Insured Share Percent	+	44	9.999	None			
Liability Amount =   Total Guarantee Amount * Price Election Amount * Insured Share Percent   Price Election Amount * Insured									
Additive Optional Rate Adjustment Factor  Multiplicative Optional Rate Adjustment Factor	Total Guarantee Amount * Price Election Amount * Liability Amount =								
Additive Optional Rate Adjustment Factor  When Rate Method Code = A  SUM (Option Rate(s)) * Rate Differential Factor  Multiplicative Optional Rate Adjustment Factor  Multiplicative Optional Rate Adjustment Factor  Multiplicative Optional Rate Adjustment Factor  When Rate Method Code = M  Multiplicative Optional Rate Adjustment Factor	Insured Share Percent	Insured Share Percent	P11	44	9.999	None			
Additive Optional Rate Adjustment Factor  When Rate Method Code = A  Adjustment Factor  Option Rate Adjustment Factor  Option Rate Adjustment Factor  ADM  9.9999 None  Edit with ADM Option Rate, "A01060".  Edit with ADM Coverage Level Differential, "A01040".  Multiplicative Optional Rate Adjustment Factor  Multiplicative Optional Rate Adjustment Factor  ADM  9.99999.9999 Round to 4 decimals.  Factor  Multiplicative Optional Rate Adjustment Factor  ADM  9.99999.9999 Round to 4 decimals.	Section 7: Optional Coverage Calculation								
Additive Optional Rate Adjustment Factor  SUM (Option Rate(s)) * Rate Differential Factor  Multiplicative Optional Rate Adjustment Factor  Multiplicative Optional Rate Adjustment Factor  Multiplicative Optional Rate Adjustment Factor  Option Rate Adjustment Factor  ADM 9.99999 None Edit with ADM Option Rate, "A01060".  Edit with ADM Coverage Level Differential, "A01040".  When Rate Method Code = M  Multiplicative Optional Rate Adjustment Factor  Adjustment Factor  ADM 9.9999 None  Edit with ADM Option Rate, "A01060".  Edit with ADM Coverage Level Differential, "A01040".  When Rate Method Code = M  Adjustment Factor	When Rate Method Code = A	· •	Internal		999999.9999	Round to 4 decimals.			
Rate Differential Factor  Multiplicative Optional Rate Adjustment Factor  Rate Differential Factor  Rate Differential Factor  ADM  9.9999999  None  Hone Rate Method Code = M  Adjustment Factor  Multiplicative Optional Rate Adjustment Factor  ADM  9.9999999  Round to 4 decimals.	Additive Optional Rate =	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".		
Multiplicative Optional Rate Adjustment Factor  When Rate Method Code = M Adjustment Factor  Multiplicative Optional Rate Adjustment Factor  Adjustment Factor  Multiplicative Optional Rate Adjustment Factor		Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential, "A01040".		
Rate Adjustment Factor	Multiplicative Optional _	· ·	Internal		999999.9999	Round to 4 decimals.			
TOURIST TOURIS	Rate Adjustment Factor Product (Option Rate(s))	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".		

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Exhibit Number: P11-9, Plan 90

Record Name: Acreage Record Code: P11 Reinsurance Year: 2015

Version: Approved Release Date: 9/20/2018

Calculations	<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	Rules
tion 8: Premium Rate Calculation						
	Premium Rate	Internal		999999.99999999	Round to 8 decimals.	
	Base Premium Rate	P11	94	999999.9999999	None	From ELS cotton P11 record.
Base Premium Rate * Unit Structure Discount Factor * Premium Rate = Multiplicative Optional Rate Adjustment Factor + Additive Optional Rate Adjustment Factor	Unit Structure Discount Factor	ADM		9.999	None	From ELS cotton P11 record. Edit with ADM Unit Discount, "A01090". When Unit Structure Code equals "OU", "UA", "UD", then Unit Structure Discount Factor equ Optional Unit Discount Factor.  When Unit Structure Code equals "BU", then Unit Structure Discount Factor equals Basic Ur Discount Factor.  When Unit Structure Code equals "EU" or "EP' then Unit Structure Discount Factor equals Enterprise Unit Discount Factor.
ction 9: Total Premium, Subsidy, and Producer Premium Calculation						
	Preliminary Total Premium Amount	Internal		999999999	Round to whole number	
Preliminary Total = Premium Liability Amount * Premium Rate * Experience Premium Amount = Factor * Premium Surcharge Percent	Experience Factor	P11	48	9.999	None	Must be a value between minimum and maximum on ICE, "D10023".
Premium Amount Factor * Premium Surcharge Percent	Premium Surcharge Percent	Internal		9.99	None	When Surcharge Applied Flag equals "Y", ther Premium Surcharge Percent must equal 0.05, otherwise must equal 0.00.
Preliminary Total Premium Amount * Multiple	Total Premium Amount	P11	92	999999999	Round to whole number	
Total Premium Amount = Commodity 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	If this record qualifies for Beginning Farmer a Rancher or Native Sod, see Section 10 for subsidy calculations.
	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium = Total Premium Amount - Subsidy Amount Amount	Producer Premium Amount	P11	93	999999999	Round to whole number	

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Exhibit Number: P11-9, Plan 90
Record Name: Acreage
Record Code: P11

Reinsurance Year: 2015 Version: Approved Release Date: 9/20/2018

Section 10: Beginning Farmer and Rancher (BFR) and Native Sod (NS) Subsidy Calculations

Section 19: Beginning Furnier and Rancher (Brit) and Racive 304 (RS) Subsidy Calcu	1410110					
Base Subsidy Amount = Total Premium Amount * Subsidy Percent	Base Subsidy Amount	Internal		999999999	Round to whole number	Cupped by the standard rule of \$1 if applicable.
	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
BFR Subsidy Amount = Total Premium Amount * 0.10	BFR Subsidy Amount	Internal		9999999999	Round to whole number	Beginning Farmer Rancher Subsidy Amount. If Applicable; else 0. 0.10 (10%).
Native Sod Subsidy Amount = Total Premium Amount * 0.50	Native Sod Subsidy Amount	Internal		9999999999	Round to whole number	If Applicable; else 0. 0.50 (50%). For CAT coverage, Native Sod Subsidy Amount is always 0.
Subsidy Amount = Base Subsidy Amount + BFR Subsidy Amount - Native Sod Subsidy Amount	Subsidy Amount	P11	90	9999999999	Round to whole number	Subsidy Amount cannot exceed Total Premium Amount. Subsidy Amount will be cupped at \$0.
Producer Premium = Total Premium Amount - Subsidy Amount Amount	Producer Premium Amount	P11	93	999999999	Round to whole number	

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