Exhibit Name: Premium Calculation
Exhibit Number: P11-7, Plan 51
Record Name: Acreage
Record Code: P11
Reinsurance Year: 2017
Version: Approved
Release Date: 1/31/2017

Insurance Plan Code 51 Fixed Dollar Amount of Insurance

Commodity Code 0045 Chile Peppers

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Liability Calculation						
Dollar Amount of Insurance = Reference Maximum Dollar Amount * Coverage Level Percent	Dollar Amount of Insurance	P11	102	99999999.99	Round to whole number	Dollar Amount of Insurance equals Catastrophic Dollar Amount, ADM Price "A00810" when Coverage Type equals Catastrophic, "C". Dollar Amount of Insurance equals Round(Reference Maximum Dollar Amount * Coverage Level Percent, 0) when Coverage Type equals Additional, "A" If Dollar Amount of Insurance > Maximum Dollar Amount, ADM Price "A00810" then Maximum Dollar Amount. If Dollar Amount of Insurance < Minimum Dollar Amount, ADM Price "A00810", then Minimum Dollar Amount.
	Reference Maximum Dollar Amount	ADM		99999.9999	None	Edit With ADM Price, "A00810".
	Coverage Level Percent	P14	34	9.9999	None	
Acre Guarantee Quantity = Dollar Amount of Insurance	Acre Guarantee Quantity	P11	103	99999999.99	Round to whole number	
Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage	Total Guarantee Amount	P11	100	99999999.99	Round to whole number	
	Reported Acreage	P11	48	999999.99	None	Reported Acreage must equal the sum of all Land, P27, Reported Acreage.
Liability Amount = Total Guarantee Amount * Insured Share Percent	Liability Amount	P11	91	9999999999	Round to whole number	
	Insured Share Percent	P11	43	9.9999	None	
Section 2: Base Premium Rate Calculation						
Base Premium Rate = **When Rate Method Code equals Fixed Rate, "F":** Sub County Rate * Rate Differential Factor	Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	
When Rate Method Code equals Additive, "A": (Sub County Rate + Base Rate) * Rate Differential Factor	Sub County Rate	ADM		9.9999	None	Edit with ADM Sub County Rate, "A01050".
When Rate Method Code equals Multiplicative, "M": Sub County Rate * Base Rate * Rate Differential Factor	Base Rate	ADM		999.9999	None	Edit with ADM Base Rate, "A01010".
Otherwise: Base Rate * Rate Differential Factor	Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".

Exhibit Name:	Premium Calculation		
Exhibit Number:	P11-7, Plan 51	**Reinsurance Year:**	2017
Record Name:	Acreage	**Version:**	Approved
Record Code:	P11	**Release Date:**	1/31/2017

Insurance Plan Code	51 Fixed Dollar Amount of Insurance
Commodity Code	0045 Chile Peppers

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 3: Optional Coverage Calculation							
Additive Optional Rate Adjustment Factor	= **When Rate Method Code is Additive, "A":** ∑ Option Rate * Rate Differential Factor	Additive Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
		Option Rate	ADM		99999.9999	None	Option Rate will be the Sum of all Option Rate with Rate Method Code equal to Additive, "A". Edit with ADM Option Rate, "A01060".
		Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, "A01040".
Multiplicative Optional Rate Adjustment Factor	= **When Rate Method Code is Multiplicative, "M":** ∑ Option Rate1 * Option Rate2 * Option Rate3...	Multiplicative Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
		Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
Section 4: Premium Rate Calculation							**The Premium Rate for ALL Unit Structures should be capped at .999 in the event various adjustments to the Base Premium Rate would cause it to exceed 1.0.**
Premium Rate	= Base Premium Rate * Unit Structure Discount Factor * Multiplicative Optional Rate Adjustment Factor + Additive Optional Rate Adjustment Factor	Premium Rate	Internal		9999999999.99999999	Round to 8 decimals.	
		Unit Structure Discount Factor	ADM		9.999	None	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.
Section 5: Total Premium, Subsidy, and Producer Premium Calculation							
Preliminary Total Premium Amount	= Liability Amount * Premium Rate	Preliminary Total Premium Amount	Internal		9999999999	Round to whole number	
Total Premium Amount	= Preliminary Total Premium Amount * Multiple Commodity Adjustment Factor	Total Premium Amount	P11	92	9999999999	Round to whole number	
		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	9999999999	Round to whole number	If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 6 for subsidy calculations.
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	93	9999999999	Round to whole number	

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Insurance Plan Code 51 Fixed Dollar Amount of Insurance

Commodity Code 0045 Chile Peppers

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 6: Beginning Farmer and Rancher (BFR), Native Sod (NS) and Conservation Compliance (CC) Subsidy Calculations						
Base Subsidy Amount = Total Premium Amount * Subsidy Percent	Base Subsidy Amount	Internal		9999999999	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 * (1 - CC Subsidy Reduction Percent)	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.
CC Subsidy Reduction Amount = Base Subsidy Amount * CC Subsidy Reduction Percent	CC Subsidy Reduction Percent	P11	76	9.9999	None	If Applicable; else 0.
	CC Subsidy Reduction Amount	P11	108	9999999999	Round to whole number	CC Subsidy Reduction Amount. If Applicable; else 0.
Subsidy Amount = Base Subsidy Amount + BFR Subsidy Amount - Native Sod Subsidy Amount - CC Subsidy Reduction 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 Amount = Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	93	9999999999	Round to whole number	