Exhibit Name:	Premium Calculation		
Exhibit Number:	P11-4, Plan 41	**Reinsurance Year:**	2013
Record Name:	Acreage	**Version:**	Approved
Record Code:	P11	**Release Date:**	12/18/2017

Insurance Plan Code	41 Pecan Revenue
Commodity Code	0020 Pecans

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Liability Calculation						
Dollar Amount of Insurance = Approved Yield * Coverage Level Percent * Price Election Percent	Dollar Amount of Insurance	P11	99	99999999.99	Round to whole number.	
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
	Price Election Percent	P14	35	9.9999	None	When Coverage Type Code equals "C", then Price Election Percent equals 0.55. Otherwise, Price Election Percent equals 1.0.
Acre Guarantee Quantity = Dollar Amount of Insurance * Guarantee Adjustment Factor	Acre Guarantee Quantity	P11	100	99999999.99	Round to whole number.	
	Guarantee Adjustment Factor	P11	75	0.999	None	Guarantee Adjustment Type Code equals "F", First Year Thinning Factor. Edit with ADM Guarantee Adjustment ICE, "D00068".
Total Guarantee Amount = Acre Guarantee Quantity * Reported Acreage	Total Guarantee Amount	P11	97	99999999.99	Round to whole number.	
	Reported Acreage	P11	52	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	88	9999999999	Round to whole number.	
	Insured Share Percent	P11	47	9.999	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".
	If Reference Commodity Year <> Commodity Year: Prior Year Base Rate * Prior Year Rate Differential 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".

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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":** $\sum$ 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". If Reference Commodity Year <> Commodity Year use Prior Year Rate Differential Factor.
Multiplicative Optional Rate Adjustment Factor	=	**When Rate Method Code is Multiplicative, "M":** $\sum$ 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.	Premium Rate is capped at 0.99900000.
			Unit Structure Discount Factor	ADM		9.999	None	Edit with ADM Unit Discount, "A01090". When Unit Structure Code equals "BU", then Unit Structure Discount Factor equals Basic Unit Discount Factor. When Unit Structure Code equals "EU", then Unit Structure Discount Factor equals Enterprise Unit Discount Factor.
Section 5: Total Premium, Subsidy, and Producer Premium Calculation								
Preliminary Total Premium Amount	=	Liability Amount * Premium Rate * Premium ~~Rate~~ Surcharge Percent	Preliminary Total Premium Amount	Internal		9999999999	Round to whole number.	
			Premium Surcharge Percent	Internal		9.99	None	When Surcharge Applied Flag equals "Y", then Premium ~~Surcharge~~ Percent must equal 1.05, otherwise must equal 1.00.
Total Premium Amount	=	Preliminary Total Premium Amount	Total Premium Amount	P11	89	9999999999	Round to whole number.	
Subsidy Amount	=	Total Premium Amount * Subsidy Percent	Subsidy Amount	P11	87	9999999999	Round to whole number.	
			Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".

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Insurance Plan Code	41 Pecan Revenue
Commodity Code	0020 Pecans

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Producer Premium Amount = Total Premium Amount - Subsidy Amount	Producer Premium Amount	P11	90	9999999999	Round to whole number.	