Exhibit Name: Indemnity Calculations
Exhibit Number: P21-4, Plan 40
Record Name: Acreage Claim
Record Code: P21
Reinsurance Year: 2017
Version: Approved
Release Date: 7/1/2016

Insurance Plan Code 40 Tree Based Dollar Amount of Insurance

Commodity Code			
0193 Tangerine Trees	0209 Lemon Trees	0212 Avocado Trees	0265 Banana Trees
0207 Orange Trees	0210 Lime Trees	0213 Carambola Trees	0266 Coffee Trees
0208 Grapefruit Trees	0211 All other Citrus Trees	0214 Mango Trees	0267 Papaya Trees

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Loss Guarantee Calculation (all loss data reported at 'unit level')						**No CTVE Loss data should be submitted unless a Base Policy Loss has been previously paid.**
Florida Trees and Texas Citrus Trees Commodity Codes "0193", "0207" or "0208":	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number	
	Determined Tree Count	P21	19	9999999999	None	Tree count by growth stage.
	Coverage Level Percent	P14	34	9.9999	None	
Loss Guarantee Amount = Determined Tree Count * Coverage Level Percent * Price Election Amount * Liability Adjustment Factor	Price Election Amount	ADM		9999.9999	None	Price Election Amount for growth stage and endorsement if applicable. Edit with the Price ADM, "A00810".
	Liability Adjustment Factor	P21	39	9.999999	None	
Hawaii Tropical Trees:	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number	
	Determined Tree Count	P21	19	9999999999	None	Tree count by growth stage.
	Coverage Level Percent	P14	34	9.9999	None	
Loss Guarantee Amount = Determined Tree Count * Coverage Level Percent * Price Election Amount * Liability Adjustment Factor * Yield Conversion Factor	Price Election Amount	ADM		9999.9999	None	Price Election Amount for growth stage and endorsement if applicable. Edit with the Price ADM, "A00810".
	Liability Adjustment Factor	P21	39	9.999999	None	
	Yield Conversion Factor	P11	59	9.999	None	
Section 2: Indemnity Calculation						
All Trees:	Unit Deficiency Quantity	P21	59	S99999999.99	Round to whole number	
Unit Deficiency Quantity = Loss Guarantee Amount – Production to Count Quantity	Production to Count Quantity	P21	34	99999999.99	None	

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Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Texas Citrus Trees Commodity Codes "0193", "0207" or "0208":						
Preliminary Indemnity Amount = Unit Deficiency Quantity * Underreport Factor * Insured Share Percent	Preliminary Indemnity Amount	P21	62	S9999999999	Round to whole number	Preliminary Indemnity with OLO: calculate Percent of Damage Value Due to Destroyed Trees + Percent of Damage Due to Fully Damaged Trees (round to two decimal places). If Amount of Insured Damage < or = 5%, No Indemnity is Due. See CTV Endorsement for limitations fo Indemnity if CTVE is applicable.
	Underreport Factor (URF)	P21	46	9.999	None	Underreporting Factor (3 decimal places) will be reported in Misreported Information Factor field.
	Insured Share Percent	P11	43	9.999	None	
Hawaii Tropical Trees:						
Preliminary Indemnity Amount = Unit Deficiency Quantity * Insured Share Percent * Underreport Factor	Preliminary Indemnity Amount	P21	Internal	S9999999999	Round to whole number	Preliminary Indemnity with OLO: calculate Percent of Damage Value Due to Destroyed Trees + Percent of Damage Due to Fully Damaged Trees (round to two decimal places). If Amount of Insured Damage < or = 3%, No Indemnity is Due. See CTV Endorsement for limitations of Indemnity if CTVE is applicable.
	Insured Share Percent	P11	43	9.999	None	
	Underreport Factor (URF)	P21	46	9.999	None	Underreporting Factor (3 decimal places) will be reported in Misreported Information Factor field.
Florida Trees:						
Preliminary Indemnity Amount = Unit Deficiency Quantity * Underreporting Factor * Insured Share Percent	Preliminary Indemnity Amount	P21	62	S9999999999	Round to whole number	Preliminary Indemnity with OLO: calculate Percent of Damage Value Due to Destroyed Trees + Percent of Damage Due to Fully Damaged Trees (round to two decimal places). If Amount of Insured Damage < or = 5%, No Indemnity is Due. See CTV Endorsement for limitations fo Indemnity if CTVE is applicable.
	Underreporting Factor (URF)	P21	46	9.999	None	Underreporting Factor (3 decimal places) will be reported in Misreported Information Factor field.
	Insured Share Percent	P11	43	9.999	None	

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Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	63	S9999999999	Round to whole number	AIP Indemnity may be reduced if trees are considered destroyed and CTVE was selected (Insurance Option Codes "CV or OX"). Sum of AIP Indemnities for a unit cannot exceed Unit Liability. See CTV Endorsement for limitations of Indemnity if CTVE is applicable.
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
When Insurance Plan Code is Dollar Amount of Insurance, "40", Texas Citrus Trees Commodity Code is "0193", "0207" or "0208" and CEO Coverage Level is greater than zero:						
CEO Indemnity Factor = CEO Coverage Level / Coverage Level Percent	CEO Indemnity Factor	Internal		9.99999	Round to 5 Decimals	
	CEO Coverage Level Percent	P11	62	9.9999	None	
	Coverage Level Percent	P14	34	9.9999	None	
Indemnity Amount = Indemnity Amount * CEO Indemnity Factor	Indemnity Amount	P21	63	S9999999999	Round to whole number	