

Exhibit Name: Indemnity Calculations
Exhibit Number: P21-5, Plan 41
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2018
Version: Approved
Release Date: 1/31/2018

Insurance Plan Code 41 Pecan Revenue

Commodity Code 0020 Pecans

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
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Section 1: Dollar Amount Of Insurance Calculation

Coverage Type Code equals Additional, "A": $\text{Dollar Amount of Insurance} = \text{Approved Yield (Revenue)} * \text{Coverage Level Percent}$	Dollar Amount of Insurance	P11	103	99999999.99	Round to whole number	
	Approved Yield (Revenue)	P11	42	99999999.99	None	This will be the Approved Yield (Revenue).
	Coverage Level Percent	P14	34	9.9999	None	
Coverage Type Code equals Catastrophic, "C": $\text{Dollar Amount of Insurance} = \frac{\text{Approved Yield (Revenue)} * \text{Coverage Level Percent} * \text{Price Election Percent}}{\text{Price Election Percent}}$	Dollar Amount of Insurance	P11	103	99999999.99	Round to whole number.	
	Approved Yield(Revenue)	P11	42	99999999.99	None	This will be the Approved Revenue reported in the Approved Yield field.
	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 (Protection Factor) equals 0.55.

Section 2: Stage Guarantee Calculation

$\text{Acre Stage Guarantee Amount} = \frac{\text{Dollar Amount of Insurance} * \text{Guarantee Adjustment}}{\text{Factor}}$	Acre Stage Guarantee Amount	P21	58	99999999.99	Round to 2 Decimals	
	Guarantee Adjustment Factor	P11	69	0.999	None	

Section 3: Loss Guarantee Calculation

$\text{Loss Guarantee Amount} = \frac{\text{Acre Stage Guarantee Amount} * \text{Determined Acreage}}{\text{Liability Adjustment Factor}}$	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number	
	Determined Acreage	P21	18	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	

Section 4: Indemnity Calculation

$\text{Unit Deficiency Quantity} = \frac{\text{Loss Guarantee Amount} - (\text{Production to Count Quantity})}{\text{Quantity}}$	Unit Deficiency Quantity	P21	59	S99999999.99	Round to whole number	
	Production to Count Quantity	P21	34	99999999.99	None	
$\text{Preliminary Indemnity Amount} = \text{Unit Deficiency Quantity} * \text{Insured Share Percent}$	Preliminary Indemnity Amount	P21	62	S9999999999	Round to whole number	
	Insured Share Percent	P11	43	9.9999	None	
$\text{Indemnity Amount} = \text{Preliminary Indemnity Amount}$	Indemnity Amount	P21	63	S9999999999	Round to whole number	