

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

**Reinsurance Year:** 2013  
**Version:** Approved  
**Release Date:** 12/18/2017

<u>Insurance Plan Code</u>		41 Pecan Revenue				
<u>Commodity Code</u>		0020 Pecans				
<u>Calculations</u>	<u>Field Name</u>	<u>Record Number</u>	<u>Field Number</u>	<u>Field Format</u>	<u>Field Rounding</u>	<u>Rules</u>
<b>Section 1: Dollar Amount Of Insurance Calculation</b>						
$\text{Dollar Amount of Insurance} = \frac{\text{Approved Yield} * \text{Coverage Level Percent} * \text{Price Election Percent}}{\text{Election Percent}}$	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		When Coverage Type Code equals "C", 0.55 Otherwise, 1.0
<b>Section 2: Stage Guarantee Calculation</b>						
$\text{Acre Stage Guarantee Amount} = \frac{\text{Dollar Amount of Insurance} * \text{Guarantee Adjustment Factor}}{\text{Factor}}$	Acre Stage Guarantee Amount	P21	36	99999999.99	Round to 2 Decimals	
	Guarantee Adjustment Factor	P11	75	0.999	None	
<b>Section 3: Loss Guarantee Calculation</b>						
$\text{Loss Guarantee Amount} = \frac{\text{Acre Stage Guarantee Amount} * \text{Determined Acreage} * \text{Liability Adjustment Factor}}{\text{Liability Adjustment Factor}}$	Loss Guarantee Amount	P21	48	99999999.99	Round to whole number	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
<b>Section 4: Indemnity Calculation</b>						
$\text{Unit Deficiency Quantity} = \frac{\text{Loss Guarantee Amount} - (\text{Production to Count Quantity} * \text{Price Election Percent})}{\text{Quantity} * \text{Price Election Percent}}$	Unit Deficiency Quantity	P21	47	S99999999.99	Round to whole number	
	Production to Count Quantity	P21	34	99999999.99	None	
	Price Election Percent	P14	35	9.9999		When Coverage Type Code equals "C", 0.55 Otherwise, 1.0
$\text{Preliminary Indemnity Amount} = \frac{\text{Unit Deficiency Quantity} * \text{Insured Share Percent} * \text{Misreporting Information Factor}}{\text{Misreporting Information Factor}}$	Preliminary Indemnity Amount	P21	50	S9999999999	Round to whole number	
	Insured Share Percent	P11	47	9.999	None	
	Misreporting Information Factor	P21	46	9.999999	None	
$\text{Indemnity Amount} = \text{Preliminary Indemnity Amount}$	Indemnity Amount	P21	51	S9999999999	Round to whole number	