

Exhibit Name: Indemnity Calculations

Exhibit Number: P21-9, Plan 90

Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2011

Version: Draft

Release Date: 5/17/2012

<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>
Cottonseed Endorsement Option "SE": Modified Yield = Approved Yield * Option Conversion Factor	Modified Yield	Internal		99999999.99	Round to whole number.	Information (Approved Yield and Insured Share Percent) will be obtained from Cotton P11 record.
	Approved Yield	P11	46	99999999.99	None	
	Option Conversion Factor	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".
Guarantee Per Acre1 = Modified Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	Round to whole number.	
	Coverage Level Percent	P14	34	9.9999	None	

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<p>With Acreage Limitation - Onions (when provided by Special Provisions) and Potatoes (Certified Seed)</p> <p>Round(Approved Yield * Coverage Level Percent, lbs to Guarantee Per Acre1 = 0, all others 1) * Yield Conversion Factor * Stage Percent Factor</p>	Guarantee Per Acre1	Internal		99999999.99	Round to 1 decimal.	
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
	Yield Conversion Factor	P11	63	9.999	None	
	Stage Percent Factor	P21	47	9.99	None	Edit with ICE Stage Factor, "D00069". Onions "0013", only, if stage code equal "1 or 2" percent will be submitted on P21 and verified with ICE Stage Factor, "D00069". If Commodity Code equals "0013" and Insurance Option Code equals "NS" (Stage Removal Option) values from ICE D00069 will not be used and Stage Percent Factor will be defaulted to 1.00 as to not reduce the guarantee amount.
<p>With Acreage Limitation - Cabbage (except processing), Fresh Market Beans, Sweet Potatoes, and Hawaii Tropical Fruit:</p> <p>Guarantee Per Acre1 = Round(Approved Yield * Coverage Level Percent, lbs to 0, all others 1) * Yield Conversion Factor</p>	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. Otherwise, round to 1 decimal.	
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	
	Yield Conversion Factor	P11	63	9.999	None	

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$\text{Acre Stage Guarantee Amount} = \text{Guarantee Per Acre1} * \text{Guarantee Adjustment Factor}$	Acre Stage Guarantee Amount	P21	36	99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	
Section 2: Loss Guarantee Calculation						
$\text{Loss Guarantee Amount} = \frac{\text{Acre Stage Guarantee Amount} * \text{Determined Acreage}}{\text{Liability Adjustment Factor}}$	Loss Guarantee Amount	P21	48	99999999.99	When Unit of Measure equals Barrels or Tons then round to 1 decimal. Otherwise, round to whole number.	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
For Mustard (commodity 0069): $\text{Loss Guarantee Amount} = \text{Round}(\text{Acre Stage Guarantee Amount} * \text{Determined Acreage}, 0) * \text{Liability Adjustment Factor}$ (Lesser of "Determined Pounds or	Loss Guarantee Amount	P21	48	99999999.99	Round to whole number.	
	Determined Pounds	P21	20	9999999999	None	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	

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Section 3: Indemnity Calculation						
Unit Deficiency Quantity = Loss Guarantee Amount – Production to Count Quantity	Unit Deficiency Quantity	P21	47	S99999999.99	Round to 1 decimal	
	Production to Count Quantity	P21	34	99999999.99	None	
Preliminary Indemnity Amount = Unit Deficiency Quantity * Price Election Amount * Stage Price Percent Factor * Insured Share Percent	Preliminary Indemnity Amount	P21	50	S9999999999	Round to whole number.	
	Price Election Amount	P11	49	9999.9999	None	
	Stage Price Percent Factor	ICE		999.99	None	Edit with ICE Stage Factor, "D00069".
	Insured Share Percent	P11	47	9.999	None	
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	51	S9999999999	Round to whole number.	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".
Section 4: Replant Payment Guarantee Calculation						
When Stage Code equals: Replanted, "R", Replanted Seed, "RS", Replanted Transplant, "RT"						
Guarantee per Acre1 = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	
	Approved Yield	P11	46	99999999.99	None	
	Coverage Level Percent	P14	34	9.9999	None	

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Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Guarantee Per Acre2 = Guarantee Per Acre1 * Guarantee Adjustment Factor	Guarantee Per Acre2	Internal		99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	
	Guarantee Adjustment Factor	P11	75	0.999	None	
<p>Acre Stage Guarantee Amount (excludes Cabbage and Peanuts):</p> <p>Lesser of:</p> <p>Insured's Actual Cost = Acre Stage Guarantee Amount</p> <p>Or</p> <p>Guarantee Per Acre2 * 0.20 (0.10 for Dry Beans and Sugar Beets, 0.07 for Onions, 0.25 for Calif. Tomatoes)</p> <p>Or</p> <p>Maximum Replant Guarantee Per Acre</p>	Acre Stage Guarantee Amount	P21	36	99999999.99	When Unit of Measure equals Pounds, "LBS", then round to whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Otherwise, round to 1 decimal.	The 'lesser of' amount will be submitted in the Acre Stage Guarantee field.
	Insured's Actual Cost	P21	36	99999999.99		Insured's Actual Cost will be submitted in Acre Stage Guarantee Amount field if lesser of.
	Guarantee Per Acre2	Internal		99999999.99		
	Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI ICE "D00129".

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Commodity Code equals Peanuts "0075" Lesser of: Acre Stage Guarantee = Amount Guarantee Per Acre2 * 0.20 * (Price Election Amount or Weighted Average Price) Or Maximum Replant Guarantee Per Acre	Acre Stage Guarantee Amount	P21	36	99999999.99	Round to nearest dollar and cents.	
	Guarantee Per Acre2	Internal		99999999.99		
	Price Election Amount	P11	49	9999.9999	None	
	Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI ICE "D00129".
Commodity Code equals Cabbage, "0072": Lesser of: Insured's Actual Cost Or Acre Stage Guarantee = Amount Maximum Replant Guarantee Per Acre	Acre Stage Guarantee Amount	P21	36	99999999.99	Round to 1 decimal.	The 'lesser of' amount will be submitted in the Acre Stage Guarantee field.
	Insured's Actual Cost	P21	36	99999999.99		Insured's Actual Cost will be submitted in Acre Stage Guarantee Amount field if lesser of.
	Maximum Replant Guarantee Per Acre	ICE				Edit with SPOI ICE "D00129".
Section 5: Replant Payment Loss Guarantee Calculation						
Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	48	99999999.99	When Unit of Measure equals Barrels or Tons, then round to 1 decimal. Otherwise, round to whole number.	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	39	9.999999	None	
Section 6: Replant Payment Indemnity Calculation						
Indemnity Amount = Loss Guarantee Amount * Price Election Amount * Insured Share Percent	Indemnity Amount	P21	51	S9999999999	Round to whole number.	
	Price Election Amount			9999.9999	None	
	Insured Share Percent	P11	47	9.999	None	
Commodity Code equals Peanuts "0075" Indemnity Amount = Loss Guarantee Amount * Insured Share Percent	Indemnity Amount	P21	51	S9999999999	Round to whole number.	
	Insured Share Percent	P11	47	9.999	None	