

Exhibit Name: Indemnity Calculations
Exhibit Number: P21-3, Plan 04, 05, 06, 13 & 14
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2011
Version: Approved
Release Date: 8/11/2015

Insurance Plan Code	04 Group Risk Plan 06 Group Risk Income Protection	05 Group Risk Income Protection with Harvest Revenue Option 13 Rainfall Index	14 Vegetation Index
Commodity Code	0011 Wheat 0021 Cotton 0033 Forage Production	0038 Sugarcane 0041 Corn	0051 Grain Sorghum 0081 Soybeans 0088 Pasture, Rangeland, Forage 0091 Barley 0115 Oysters 1191 Apiculture

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
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Section 1: Stage Guarantee Calculation

Acre Stage Guarantee Amount = Dollar Amount of Insurance	Acre Stage Guarantee Amount	P21	36	99999999.99	None	
	Dollar Amount of Insurance	Internal		99999999.99	None	

Section 2: Loss Guarantee Calculation

When Insurance Plan Code equals Group Risk Plan, "04" and Commodity Code does not equal Oysters, "0115", or Group Risk Income Protection, "06": Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number	
	Determined Acreage	P21	17	99999999.99	None	
	Liability Adjustment Factor	P21	40	9.999999	None	

When Insurance Plan Code equals Group Risk Plan, "04" and Commodity Code equals Oysters, "0115": Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Pounds	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number	
	Determined Pounds	P21	20	9999999999	None	

When Insurance Plan Code equals Group Risk Income Protection with Harvest Revenue Option, "05" Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Acreage * Harvest Revenue Option Factor * Liability Adjustment Factor	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number	
	Determined Acreage	P21	17	99999999.99	None	
	Harvest Revenue Option Factor	ADM		9.999999	None	Edit with ADM Price, "A00810".
	Liability Adjustment Factor	P21	40	9.999999	None	

When Insurance Plan Code equals Rainfall Index, "13", or Vegetation Index, "14" and Commodity Code does not equal Apiculture, "1191": Loss Guarantee Amount = Round(Acre Stage Guarantee Amount * Determined Acreage,0) * Insured Share Percent	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number	Policy Protection (unit)
	Determined Acreage	P21	17	99999999.99	None	
	Insured Share Percent	P11	46	9.999	None	

When Insurance Plan Code equals Rainfall Index, "13", or Vegetation Index, "14" and Commodity Code equals Apiculture, "1191": Loss Guarantee Amount = Round(Acre Stage Guarantee Amount * Determined Colonies,0) * Insured Share Percent	Loss Guarantee Amount	P21	49	99999999.99	Round to whole number	Policy Protection (unit)
	Determined Colonies	P21	18	99999999	None	
	Insured Share Percent	P11	46	9.999	None	

Section 3: Indemnity Calculation

When Insurance Plan Code equals Group Risk Plan, "04", Group Risk Income Protection with Harvest Revenue Option, "05", or Group Risk Income Protection, "06": Preliminary Indemnity Amount = Loss Guarantee Amount * Insured Share Percent * Payment Factor * Misreported Information Factor	Preliminary Indemnity Amount	P21	52	999999999999	Round to whole number	
	Insured Share Percent	P11	48	9.999	None	
	Payment Factor	ADM		9.999	None	Edit with ADM Area Risk Rate, "A01005".
	Misreported Information Factor	P21	45	9.999999	None	

When Insurance Plan Code equals Rainfall Index, "13" or Vegetation Index, "14":						
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<u>Insurance Plan Code</u>	04 Group Risk Plan	05 Group Risk Income Protection with Harvest Revenue Option	14 Vegetation Index			
	06 Group Risk Income Protection	13 Rainfall Index				
<u>Commodity Code</u>	0011 Wheat	0038 Sugarcane	0051 Grain Sorghum			
	0021 Cotton	0041 Corn	0081 Soybeans			
	0033 Forage Production		0088 Pasture, Rangeland, Forage			
			0091 Barley			
			0115 Oysters			
			1191 Apiculture			
<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>
Preliminary Indemnity Amount = Loss Guarantee Amount * Payment Factor	Preliminary Indemnity Amount	P21	52	S9999999999	Round to whole number	
	Payment Factor	ADM		9.999999	None	Edit with ADM Area Risk Rate, "A01005".
All Plans: Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	53	S9999999999	Round to whole number	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Not applicable for Apiculture.