Exhibit Name: Indemnity Calculations

**Exhibit Number:** P21-3, Plan 04, 05, 06, & 13

Record Name: Acreage Claim

Reinsurance Year: 2022
Version: Approved
Release Date: 7/1/2021

Record Code: P21

	Record Code: P21				Release Date:			
Insurance Plan Code	04 Group Risk Plan/Area Yield Protection	05 Area Revenue Protection					13 Rainfall Index	
	06 Area Revenue Protection with the Harvest Price Exclu	0041 Corn			0081 Soybeans		0222 Appual Forago	
Commodity Code	0011 Wheat 0018 Rice	0043 Popcorn			•	angeland, Forage	0332 Annual Forage	
<u>commonty code</u>	0021 Cotton	0051 Grain Sorghum			0091 Barley	angelanu, Forage	1191 Apiculture	
	0033 Forage Production	0075 Peanuts			0115 Oysters			
	0033 Forage Production	Field	Record	Field	Field	<u>Field</u>		
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>	
Section 1: Stage Guarante	e Calculation		•					
Area Yield Protection, "04"	, or Area Revenue Protection with Harvest Price Exclusion	ո, "06":						
•	quals Wheat, "0011", Rice, "0018", Cotton, "0021",							
	, Corn, "0041", Popcorn, "0043", Grain Sorghum, "0051",	Acre Stage Guarantee Amount	P21	58	99999999.99	Round to 2 decimals.		
-	s, "0081", or Barley, "0091":							
Acre Stage Guarantee	= Dollar Amount of Insurance	Dollar Amount of Insurance	Internal		99999999.99	Round to 2 decimals.	This will be the Dollar Amount of Insurance	
							determined on the P11.	
Area Revenue Protection,			T					
	quals Wheat, "0011", Rice, "0018", Cotton, "0021", , Corn, "0041", Popcorn, "0043", Grain Sorghum, "0051",	Acre Stage Guarantee Amount	P21	58	99999999.99	Round to 2 decimals.		
Soybeans, "0081", or Barle		Acre Stage Guarantee Amount	FZI	36	33333333.33	Round to 2 decimals.		
	e = Round(Expected County Yield * greater of (Projected t = Price or Harvest Price) * Price Election Percent, 2)	Expected County Yield	ADM		99999999.99	None	Edit with ADM Area Price, "A00810". Expected County Yield will be stored in	
							Expected Index Value in A00810.	
		Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".	
Acre Stage Guarantee		Harvest Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".	
Amount		Price Election Percent	P14	35	9.9999	2 decimal places	Protection Factor. This will be the Price Election Percent reported on P14 and used in determination of P11 Dollar Amount of Insurance. If Native Sod applies to the associated P11 record, the Price Election Percent must equal 0.65 (65%).	
Group Risk Plan, "04":								
When Commodity Codes e		Acre Stage Guarantee Amount	P21	58	99999999.99	None		
Acre Stage Guarantee Amount	= Dollar Amount of Insurance	Dollar Amount of Insurance	Internal		99999999.99	None		
Rainfall Index, "13":								
When Commodity Code eq "1191", or Annual Forage,	uals Pasture, Rangeland and Forage, "0088", Apiculture, "0332":	Acre Stage Guarantee Amount	P21	58	99999999.99	None		
Acre Stage Guarantee Amount	= Dollar Amount of Insurance	Dollar Amount of Insurance	Internal		99999999.99	None		

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Insurance Plan Code	04 Group Risk Plan/Area Yield Protection 06 Area Revenue Protection with the Harvest Price Excl	05 Area Revenue Protection					13 Rainfall Index
	0011 Wheat	0041 Corn			0081 Soybeans		0332 Annual Forage
Commodity Code	0018 Rice	0043 Popcorn	0088 Pasture, Rangeland, Forage				1191 Apiculture
	0021 Cotton	0051 Grain Sorghum					
	0033 Forage Production	0075 Peanuts	0115 Oysters				
	<u>Calculations</u>	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> <u>Number</u>	<u>Field</u> <u>Format</u>	<u>Field</u> <u>Rounding</u>	<u>Rules</u>
Section 2: Loss Guarantee	e Calculation						
Area Yield Protection, "04	", Area Revenue Protection, "05", or Area Revenue Protec	tion with Harvest Price Exclusion,	"06":				
orage Production, "0033'	equals Wheat, "0011", Rice, "0018", Cotton, "0021", ", Corn, "0041", Popcorn, "0043", Grain Sorghum, "0051", s, "0081", and Barley, "0091":	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number	
Loss Guarantee Amount	t = Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor * Insured Share Percent	Determined Acreage	P21	18	99999999.99	None	
		Liability Adjustment Factor	P21	39	9.999999	None	
		Insured Share Percent	P11	43	9.9999	None	
Group Risk Plan, "04":							
When Commodity Code ed	quals Oysters, "0115":						
	And Change Community Associated Department	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number	
Loss Cuarantes America	t = Acre Stage Guarantee Amount * Determined Pounds	Loss Guarantee Amount	121	00	333333333		

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		Record Name: Acreage Claim Record Code: P21			Version: Release Date:					
Insurance Plan Code	04 Group Risk Plan/Area Yield Protection	05 Area Revenue Protection					13 Rainfall Index			
modranice Francouc	06 Area Revenue Protection with the Harvest Price Exclusion									
	0011 Wheat	0041 Corn			0081 Soybeans		0332 Annual Forage			
Commodity Code	0018 Rice	0043 Popcorn	0088 Pasture, Rangeland, Forage				1191 Apiculture			
	0021 Cotton	0051 Grain Sorghum			0091 Barley					
	0033 Forage Production	0075 Peanuts	0115 Oysters							
		<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>				
	Calculations	<u>Name</u>	<u>Number</u>	<u>Number</u>	<u>Format</u>	Rounding	<u>Rules</u>			
Rainfall Index, "13":										
	e equals Rainfall Index, "13" and Commodity Code equals brage, "0088", or Annual Forage, "0332":	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number	Policy Protection (unit)			
		Total Insured Acreage	P11	72	999999.99	None				
Loss Guarantee Amount	Round(Acre Stage Guarantee Amount * Total Insured = Acreage * Percent of Value,0) * Insured Share Percent * Liability Adjustment Factor	Percent of Value	P11	71	9.99	None	Percent of Value for Annual Forage, "0332", will be pulled from P14 field 45.			
		Insured Share Percent	P11	43	9.9999	None				
		Liability Adjustment Factor	P21	39	9.999999	None	As allowed under Section 6 (h)(2) of RI and V Basic Provisions.			
When Insurance Plan Code Apiculture, "1191":	e equals Rainfall Index, "13" and Commodity Code equals	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number	Policy Protection (unit)			
Loss Guarantee Amount	nt = Round(Acre Stage Guarantee Amount * Total Insured Colonies * Percent of Value,0) * Insured Share Percent	Total Insured Colonies	P11	73	9999999	None				
		Percent of Value	P11	71	9.99	None				
		Insured Share Percent	P11	43	9.9999	None				
Section 3: Indemnity Calcu	ulation									
Area Yield Protection, "04"	, Area Revenue Protection, "05", or Area Revenue Protec	tion with Harvest Price Exclusion,	"06":							
Forage Production, "0033"	quals Wheat, "0011", Rice, "0018", Cotton, "0021", , Corn, "0041", Popcorn, "0043", Grain Sorghum, "0051", s, "0081", or Barley, "0091":	Preliminary Indemnity Amount	P21	62	S9999999999	Round to whole number				
Preliminary Indemnity Amount	= Loss Guarantee Amount * Payment Factor	Payment Factor	ADM		9.999	None	Edit with ADM Area Coverage Level, "A01130".			

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Not applicable for Apiculture.

Record Code: P21 Release Date: 7/1/2021 13 Rainfall Index 04 Group Risk Plan/Area Yield Protection 05 Area Revenue Protection **Insurance Plan Code** 06 Area Revenue Protection with the Harvest Price Exclusion 0011 Wheat 0041 Corn 0081 Soybeans 0332 Annual Forage **Commodity Code** 0018 Rice 0043 Popcorn 0088 Pasture, Rangeland, Forage 1191 Apiculture 0021 Cotton 0051 Grain Sorghum 0091 Barley 0033 Forage Production 0075 Peanuts 0115 Oysters Field Field Record <u>Field</u> Field Name Number **Format** Rounding Calculations Number Rules Group Risk Plan, "04": P21 Preliminary Indemnity Amount 62 S9999999999 Round to whole number When Commodity Code equals Oysters, "0115": Insured Share Percent P11 43 9.9999 None  $\frac{\text{Preliminary Indemnity}}{\text{Amount}} = \frac{\text{Loss Guarantee Amount * Insured Share Percent *}}{\text{Payment Factor * Misreported Information Factor}}$ Edit with ADM Area Coverage Level, Payment Factor ADM 9.999 None "A01130". Misreported Information Factor P21 9.999999 46 None When Insurance Plan Code equals Rainfall Index, "13": Preliminary Indemnity Amount P21 62 S999999999 Round to whole number Preliminary Indemnity
Amount = Loss Guarantee Amount \* Payment Factor Edit with ADM Area Coverage Level, Payment Factor ADM 9.999999 None "A01130". All Plans: Indemnity Amount P21 63 5999999999 Round to whole number Preliminary Indemnity Amount \* Multiple Commodity Indemnity Amount = Multiple Commodity Adjustment Edit with ICE Multiple Cropping, "D00063". **Adjustment Factor** ICE 9999.999 None