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

Record Name: Acreage Claim

Reinsurance Year: 2023 Version: Approved Release Date: 7/1/2022

Record Code: P21 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 0332 Annual Forage 0081 Soybeans 0018 Rice 0043 Popcorn 0088 Pasture, Rangeland, Forage **Commodity Code** 1191 Apiculture 0021 Cotton 0051 Grain Sorghum 0091 Barley 0075 Peanuts 0033 Forage Production 0115 Oysters Field <u>Field</u> Record Field <u>Field</u> Number **Format** Rounding Calculations Name Number Rules Section 1: Stage Guarantee Calculation Area Yield Protection, "04", or Area Revenue Protection with Harvest Price Exclusion, "06": When Commodity Codes equals Wheat, "0011", Rice, "0018", Cotton, "0021", Forage Production, "0033", Corn, "0041", Popcorn, "0043", Grain Sorghum, "0051", | Acre Stage Guarantee Amount P21 58 99999999.99 Round to 2 decimals. Peanuts, "0075", Soybeans, "0081", or Barley, "0091": Acre Stage Guarantee = Dollar Amount of Insurance This will be the Dollar Amount of Insurance Dollar Amount of Insurance Internal 99999999.99 Round to 2 decimals. determined on the P11. Amount Area Revenue Protection, "05": When Commodity Codes equals Wheat, "0011", Rice, "0018", Cotton, "0021", Forage Production, "0033", Corn, "0041", Popcorn, "0043", Grain Sorghum, "0051", Acre Stage Guarantee Amount P21 58 9999999.99 Round to 2 decimals. Soybeans, "0081", or Barley, "0091": Edit with ADM Area Price, "A00810". **Expected County Yield** 99999999.99 ADM None Expected County Yield will be stored in Expected Index Value in A00810. **Projected Price** ADM 99999.9999 None Edit with ADM Price, "A00810". Harvest Price ADM 99999.9999 None Edit with ADM Price, "A00810". Acre Stage Guarantee Amount = Round(Expected County Yield * greater of (Projected Price or Harvest Price) * Price Election Percent, 2) Protection Factor. This will be the Price Election Percent reported on P14 and used in determination of P11 Dollar Amount of Price Election Percent P14 35 9.9999 2 decimal places 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 equals Oysters, "0115": Acre Stage Guarantee Amount P21 58 9999999.99 None Acre Stage Guarantee = Dollar Amount of Insurance Dollar Amount of Insurance Internal 9999999.99 None Amount Rainfall Index, "13": When Commodity Code equals Pasture, Rangeland and Forage, "0088", Apiculture, Acre Stage Guarantee Amount P21 58 99999999.99 None "1191", or Annual Forage, "0332": Acre Stage Guarantee = Dollar Amount of Insurance Dollar Amount of Insurance Internal 99999999.99 None Amount

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Record Name: Acreage Claim

Reinsurance Year: 2023

Version: Approved

	Record Code: P21				Release Date:			
Insurance Plan Code	04 Group Risk Plan/Area Yield Protection 06 Area Revenue Protection with the Harvest Price Exclu	05 Area Revenue Protection sion					13 Rainfall Index	
	0011 Wheat	0041 Corn			0081 Soybeans		0332 Annual Forage	
Commodity Code	0018 Rice	0043 Popcorn			1191 Apiculture			
	0021 Cotton	0051 Grain Sorghum			0091 Barley			
	0033 Forage Production	0075 Peanuts			0115 Oysters			
	Calculations	<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>	Rules	
Section 2: Loss Guarantee Calculation								
Area Yield Protection, "04", Area Revenue Protection, "05", or Area Revenue Protection with Harvest Price Exclusion, "06":								
Forage Production, "0033"	equals Wheat, "0011", Rice, "0018", Cotton, "0021", ", Corn, "0041", Popcorn, "0043", Grain Sorghum, "0051", , "0081", and Barley, "0091":	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number		
Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Acreage *		Determined Acreage	P21	18	99999999.99	None		
	Liability Adjustment Factor * Insured Share Percent	Liability Adjustment Factor	P21	39	9.999999	None		
		Insured Share Percent	P11	43	9.9999	None		
Group Risk Plan, "04":								
When Commodity Code ec	quals Oysters, "0115":							
Loss Guarantee Amount	t = Acre Stage Guarantee Amount * Determined Pounds	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number		
2555 Guarantee / amount		Determined Pounds	P21	20	9999999999	None		

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Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2023 Version: Approved Release Date: 7/1/2022

	Record Code:	P21			Release Date:	//1/2022	
	04 Group Risk Plan/Area Yield Protection	05 Area Revenue Protection					13 Rainfall Index
Insurance Plan Code	Of Area Revenue Protection with the Harvest Price Exclu						13 Rainian index
	0011 Wheat	0041 Corn			0081 Soybeans		0332 Annual Forage
Commodity Code	0018 Rice	0043 Popcorn	0088 Pasture, Rangeland, Forage				1191 Apiculture
<u></u>	0021 Cotton	0051 Grain Sorghum			0091 Barley	1151 Apiculture	
	0033 Forage Production	0075 Peanuts			0115 Oysters		
		Field	Record	Field	Field		
	Calculations	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	Rules
Rainfall Index, "13":							
	e equals Rainfall Index, "13" and Commodity Code equals orage, "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	
	Round(Acre Stage Guarantee Amount * Total Insured t = 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.
Loss Guarantee Amount		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 VI Basic Provisions.
When Insurance Plan Code Apiculture, "1191":	hen Insurance Plan Code equals Rainfall Index, "13" and Commodity Code equals piculture, "1191":	Loss Guarantee Amount	P21	60	99999999.99	Round to whole number	Policy Protection (unit)
Loss Guarantee Amount	t = 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"	equals 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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Record Code: P21		: P21	Release Date: 7/1/2022					
Insurance Plan Code	04 Group Risk Plan/Area Yield Protection 06 Area Revenue Protection with the Harvest Price Exclu	05 Area Revenue Protection					13 Rainfall Index	
Commodity Code	0011 Wheat 0018 Rice 0021 Cotton 0033 Forage Production	0041 Corn 0081 Soybeans 0043 Popcorn 0088 Pasture, Rangeland, Forage 0051 Grain Sorghum 0091 Barley 0075 Peanuts 0115 Oysters				angeland, Forage	0332 Annual Forage 1191 Apiculture	
	<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>	
Group Risk Plan, "04":								
When Commodity Code eq	ıuals Oysters, "0115":	Preliminary Indemnity Amount	P21	62	\$9999999999	Round to whole number		
		Insured Share Percent	P11	43	9.9999	None		
Preliminary Indemnity Amount	Ly = Loss Guarantee Amount * Insured Share Percent * Payment Factor * Misreported Information Factor	Payment Factor	ADM		9.999	None	Edit with ADM Area Coverage Level, "A01130".	
		Misreported Information Factor	P21	46	9.999999	None		
When Insurance Plan Code	equals Rainfall Index, "13":							
Preliminary Indemnity	t = Loss Guarantee Amount * Payment Factor	Preliminary Indemnity Amount	P21	62	S9999999999	Round to whole number		
Amount		Payment Factor	ADM		9.999999	None	Edit with ADM Area Coverage Level, "A01130".	
All Plans:								
	t = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	63	S9999999999	Round to whole number		
Indemnity Amount		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Not applicable for Apiculture.	