Exhibit Name: Indemnity Calculations	
Exhibit Number: P21-11, Plan 31, 32, 33	**Reinsurance Year:** 2023
Record Name: Acreage Claim	**Version:** Approved
Record Code: P21	**Release Date:** 7/1/2022

Supplemental Coverage Option Endorsement (SCO)

Insurance Plan Code	31 SCO Yield Protection	32 SCO Revenue Protection	33 SCO Revenue Protection with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0012 Blueberries 0013 Onions 0015 Canola 0016 Oats 0017 Millet 0018 Rice 0021 Cotton 0022 Cotton Ex Long Staple 0028 Almonds 0029 Walnuts 0031 Flax 0033 Forage Production	0034 Peaches 0036 Prunes 0038 Sugarcane 0041 Corn 0042 Sweet Corn 0043 Popcorn 0046 Processing Beans 0047 Dry Beans 0049 Safflower 0050 Hybrid Sorghum Seed 0051 Grain Sorghum 0053 Grapes 0054 Apples	0055 Cultivated Wild Rice 0059 Silage Sorghum 0062 Hybrid Corn Seed 0064 Green Peas 0067 Dry Peas 0069 Mustard 0074 Mint 0075 Peanuts 0078 Sunflowers 0080 Hybrid Seed Rice 0081 Soybeans 0084 Potatoes 0087 Tomatoes	0091 Barley 0094 Rye 0102 Grass Seed 0107 Alfalfa Seed 0114 Buckwheat 0132 Cucumbers 0147 Pumpkins 0201 Grapefruit 0202 Lemons 0203 Tangelos 0227 Oranges 0229 Flue Cured Tobacco 0230 Fire Cured Tobacco	0231 Burley Tobacco 0233 Dark Air Tobacco 0235 Cigar Binder Tobacco 0309 Mandarins/Tangerines 0396 Sesame

Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Recalc of Liability							
SCO Revenue Protection, "32", if Harvest Price is greater than Projected Price (or Contract Price if applicable):		Recalc of Liability	Internal		9999999999	Round to whole number	
		Liability Amount	P11	94	9999999999		
		Projected Price	ADM		99999.9999	None	Edit with ADM Price, "A00810".
	Round(P11 Liability Amount / Projected Price (or Contract Price if applicable), lbs to 0, tons to 2, all others to 1) * Harvest Price	Contract Price	P11	46	99999.9999	None	
Recalc of Liability **=**		Harvest Price	ADM		99999.9999	None	Edit with ADM Price, "00810". If Contract Price was submitted on the P11 then Harvest Price will be adjusted by difference between Projected Price and Contract Price.
Section 2: Loss Guarantee Calculation							
Loss Gurantee Amount **= or**	Recalc of Liability	Loss Guarantee Amount	P21	63	99999999.99	Round to whole number	
	Liability Amount	Liability Amount	P11	94	9999999999	Round to whole number	

Exhibit Name: Indemnity Calculations			
Exhibit Number: P21-11, Plan 31, 32, 33		**Reinsurance Year:** 2023	
Record Name: Acreage Claim		**Version:** Approved	
Record Code: P21		**Release Date:** 7/1/2022	

Supplemental Coverage Option Endorsement (SCO)

Insurance Plan Code	31 SCO Yield Protection	32 SCO Revenue Protection	33 SCO Revenue Protection with Harvest Price Exclusion	
Commodity Code	0011 Wheat 0012 Blueberries 0013 Onions 0015 Canola 0016 Oats 0017 Millet 0018 Rice 0021 Cotton 0022 Cotton Ex Long Staple 0028 Almonds 0029 Walnuts 0031 Flax 0033 Forage Production	0034 Peaches 0036 Prunes 0038 Sugarcane 0041 Corn 0042 Sweet Corn 0043 Popcorn 0046 Processing Beans 0047 Dry Beans 0049 Safflower 0050 Hybrid Sorghum Seed 0051 Grain Sorghum 0053 Grapes 0054 Apples	0055 Cultivated Wild Rice 0059 Silage Sorghum 0062 Hybrid Corn Seed 0064 Green Peas 0067 Dry Peas 0069 Mustard 0074 Mint 0075 Peanuts 0078 Sunflowers 0080 Hybrid Seed Rice 0081 Soybeans 0084 Potatoes 0087 Tomatoes	0091 Barley 0231 Burley Tobacco 0094 Rye 0233 Dark Air Tobacco 0102 Grass Seed 0235 Cigar Binder Tobacco 0107 Alfalfa Seed 0309 Mandarins/Tangerines 0114 Buckwheat 0396 Sesame 0132 Cucumbers 0147 Pumpkins 0201 Grapefruit 0202 Lemons 0203 Tangelos 0227 Oranges 0229 Flue Cured Tobacco 0230 Fire Cured Tobacco

Calculations	**Field Name**	**Record Number**	**Field Number**	**Field Format**	**Field Rounding**	**Rules**
Section 3: Indemnity Calculation						
Preliminary Indemnity Amount = Loss Guarantee Amount * Payment Factor	Preliminary Indemnity Amount	P21	66	S9999999999		If P11 (AIP Acreage Key) has reference to Short Rate, "SR", in the Insurance Option Code List field then an indemnity is not available.
	Payment Factor	ADM		9.999	None	Edit with ADM Area Coverage Level, "A01130". If SCO elected for underlying Cottonseed Option (SE) then payment factor for that option.
Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor	Indemnity Amount	P21	67	S9999999999	Round to whole number	
	Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063".