Exhibit Name: Indemnity Calculations **Exhibit Number:** P21-9, Plan 90

Record Name: Acreage Claim

Reinsurance Year: 2016 Version: Approved Release Date: 12/6/2018

If Commodity Code equals "0013" or "0039"

guarantee amount.

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

Posord Co	Record Name: Acreage Claim		Version: Approved			
Record Co	Record Code: P21		Release Date: 12/6/2018			
	90 Actual Production History					
0012 Blueberries				0107 Alfalfa See	ed	0230 Fire Cured Tobacco
	•					0231 Burley Tobacco
	• • • • • • • • • • • • • • • • • • • •					0232 Maryland Tobacco
						0233 Dark Air Tobacco
0019 Avocados				•		0234 Cigar Filler Tobacco
0022 Cotton Extra Long	0060 Figs			0201 Grapefruit	t	0235 Cigar Binder Tobacco
0023 Macadamia Nuts	0064 Green Peas			0202 Lemons		0236 Cigar Wrapper Tobacco
0028 Almonds	0067 Dry Peas			0203 Tangelos		0238 Rio Red & Star Ruby
0029 Walnuts	0069 Mustard			0218 Fresh Apri	icots	0255 Banana
0031 Flax	0072 Cabbage	0072 Cabbage			g Apricots	0256 Coffee
0033 Forage Production	0074 Mint	0220 Fresh Nectarines		tarines	0257 Papaya	
0034 Peaches	0079 Clary Sage		0221Processing Cling Peaches		Cling Peaches	0309 Mandarins/Tangerines
0036 Prunes	0084 Potatoes	Potatoes 0222 Processing Freestone		g Freestone	0333 Camelina	
0038 Sugar Cane	0086 Fresh Tomatoes				estone Peaches	0396 Sesame
0039 Sugar Beets	0087 Tomatoes				idseason Oranges	0470 Pistachios
0042 Sweet Corn	0089 Pears			0225 Late Oranges		0501 Olives
0046 Canning Beans	0092 Fresh Plums			0226 All Other Grapefruit		
0047 Dry Beans	0094 Rye 0102 Grass Seed			0227 Oranges 0228 Ruby Red Grapefruit		
0049 Safflower						
0052 Table Grapes	0105 Fresh Market Beans		0229 Flue Cure	d Tobacco		
Calandakiana	<u>Field</u>	Record	<u>Field</u>	<u>Field</u>	<u>Field</u>	
	Name	Number	Number	Format	Rounding	Rules
		1	T	_		
n:					When Unit of Measure equals	;
					Pounds, "LBS", then round to	
					whole number.	
					When Unit of Measure equals	Guarantee Per Acre1 should be rounded to
	Guarantee Per Acre1	Internal		99999999.99	Tons, "Tons", then round to 2	whole pounds for Dry Beans, "0047" (all
					decimals.	types), and Dry Peas, "0067" (all types).
					decimal.	
	Approved Yield	P11	42	99999999.99	None	
Approved Yield * Coverage Level Percent * Stage	Coverage Level Percent	P14	34	9.9999	None	
Percent Factor						
						Edit with ICE Stage Factor, "D00069". Onio
						"0013", only, if stage code equal "1 or 2"
						percent will be submitted on P21 and verif
						with ICE Stage Factor, "D00069".
	0022 Cotton Extra Long 0023 Macadamia Nuts 0028 Almonds 0029 Walnuts 0031 Flax 0033 Forage Production 0034 Peaches 0036 Prunes 0038 Sugar Cane 0039 Sugar Beets 0042 Sweet Corn 0046 Canning Beans 0047 Dry Beans 0049 Safflower 0052 Table Grapes Calculations Calculation Calculation Calculation Calculation Calculation	0013 Onions 0054 Apples 0016 Oats 0055 Culti Wild Rice 0017 Millet 0058 Cranberries 0019 Avocados 0059 Silage Sorghum 0022 Cotton Extra Long 0060 Figs 0023 Macadamia Nuts 0064 Green Peas 0028 Almonds 0067 Dry Peas 0029 Walnuts 0069 Mustard 0031 Flax 0072 Calbbage 0033 Forage Production 0074 Mint 0034 Peaches 0079 Clary Sage 0036 Prunes 0084 Potatoes 0038 Sugar Cane 0086 Fresh Tomatoes 0039 Sugar Beets 0087 Tomatoes 0042 Sweet Corn 0089 Pears 0046 Canning Beans 0092 Fresh Plums 0047 Dry Beans 0092 Fresh Plums 0048 Safflower 0102 Grass Seed 0052 Table Grapes 0105 Fresh Market Beans Field Name Calculation Approved Yield Coverage Level Percent		O012 Blueberries	0012 Blueberries 0053 Grapes 0107 Alfalfa Se 0013 Onions 0054 Apples 0114 Buckwhee 0016 Oats 0055 Culti Wild Rice 0132 Cucumbe 0017 Millet 0058 Cranberries 0147 Pumpkins 0019 Avocados 0059 Silage Sorghum 0156 Sweet Pol 0022 Cotton Extra Long 0066 Figs 0201 Grapefrui 0023 Macadamia Nuts 0064 Green Peas 0202 Lemons 0028 Almonds 0067 Dry Peas 0203 Tangelos 0029 Walnuts 0069 Mustard 0218 Fresh Apr 0031 Flax 0072 Cabbage 0219 Processin 0033 Forage Production 0074 Mint 0220 Fresh Nec 0034 Peaches 0079 Clary Sage 0221 Processin 0035 Frunes 0084 Potatoes 0222 Processin 0034 Peaches 0072 Clary Sage 0221 Processin 0035 Sugar Beets 0075 Clary Sage 0222 Fresh Presh Free 0035 Sugar Beets 0087 Tomatoes 0224 Early & Oak 0042 Sweet Corn 0088 Pears 0225 Late Oak 0047 Dry Beans 0094 Rye 0227 Oranges	0012 Blueberries

P21

47

9.99

Stage Percent Factor

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Exhibit Name: Indemnity Calculations
Exhibit Number: P21-9, Plan 90
Record Name: Acreage Claim

Reinsurance Year: 2016 Version: Approved Release Date: 12/6/2018

Record Code: P21 Information (Approved Yield and Insured Cottonseed Endorsement Option "SE": Modified Yield Internal 99999999.99 Round to whole number. Share Percent) will be obtained from Cotton P11 record. Modified Yield = Approved Yield * Option Conversion Factor P11 42 9999999.99 Approved Yield None ADM Edit with ADM Option Rate, "A01060". Option Conversion Factor 9.9999 None Internal 99999999.99 Round to whole number. Guarantee Per Acre1 Guarantee Per Acre1 = Modified Yield * Coverage Level Percent Coverage Level Percent P14 34 9.9999 None With Acreage Limitation - Onions (when provided by Special Provisions) and Guarantee Per Acre1 Internal 99999999.99 Round to 1 decimal. Potatoes (Certified Seed): P11 42 99999999.99 Approved Yield None Coverage Level Percent P14 34 9.9999 None Yield Conversion Factor P11 59 9.999 None Edit with ICE Stage Factor, "D00069". Onions "0013", only, if Stage Code equal "1 or 2" Round(Approved Yield * Coverage Level Percent, lbs to percent will be submitted on P21 and verified Guarantee Per Acre1 = 0, all others to 1) * Yield Conversion Factor * Stage with ICE Stage Factor, "D00069". Percent Factor If Commodity Code equals "0013" and Stage Percent Factor P21 47 9.99 Insurance Option Code equals "NS" (Stage None 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. Field Field Record Field Field **Calculations** Name Number Number **Format** Rounding Rules When Unit of Measure equals With Acreage Limitation - Cabbage (except processing), Camelina, Fresh Market Pounds, "LBS", then round to Beans, Sweet Potatoes, Silage Sorghum, and Hawaii Tropical Fruit: whole number. When Unit of Measure equals Tons, "Tons", then round to 2 decimals. Guarantee Per Acre1 Internal 9999999.99 Otherwise, round to 1 Round(Approved Yield * Coverage Level Percent, lbs to Guarantee Per Acre1 =
Nound(Approved Field Cooking Set 1) * Yield Conversion Factor

O, tons to 2, all others to 1) * Yield Conversion Factor decimal. Approved Yield P11 42 99999999.99 None Coverage Level Percent P14 34 9.9999 None Yield Conversion Factor P11 59 9.999 None When Unit of Measure equals Pounds. "LBS", then round to whole number. Acre Stage Guarantee Amount should be Acre Stage Guarantee
Guarantee Per Acre1 * Guarantee Adjustment Factor When Unit of Measure equals rounded to whole pounds for Dry Beans, P21 36 9999999.99 Acre Stage Guarantee Amount "0047" (all types), and Dry Peas, "0067" (all Tons, "Tons", then round to 2 decimals. types). Otherwise, round to 1 decimal. Guarantee Adjustment Factor P11 69 0.999 None

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Exhibit Name: Indemnity Calculations
Exhibit Number: P21-9, Plan 90
Record Name: Acreage Claim

Record Code: P21

Reinsurance Year: 2016 Version: Approved Release Date: 12/6/2018

Section 2: Loss Guarantee Calculation When Unit of Measure equals Barrels or Tons then round to 1 decimal. Loss Guarantee Amount P21 57 9999999.99 Loss Guarantee Amount = Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor Otherwise, round to whole number. P21 9999999.99 Determined Acreage 18 None Liability Adjustment Factor P21 9.999999 39 None For Mustard (commodity 0069): Loss Guarantee Amount P21 57 99999999.99 Round to whole number. (Lesser of "Determined Pounds or P21 999999999 Determined Pounds 20 None Loss Guarantee Amount = Round (Acre Stage Guarantee Amount * Determined P21 18 99999999.99 Determined Acreage None Acreage, 0)) * Liability Adjustment Factor P21 Liability Adjustment Factor 39 9.999999 None Field Record Field Field Field **Calculations** Name Number Number **Format** Rounding Rules Section 3: Indemnity Calculation Unit Deficiency Quantity P21 56 f Commodity Code equals Cucumbers, Unit Deficiency Quantity = Loss Guarantee Amount - Production to Count Quantity '0132", the 'value of production to count' will P21 99999999.99 be divided by price election to arrive at a Production to Count Quantity 34 None 'bushel' production to count that will be reported in this field. Preliminary Indemnity Amount P21 59 S999999999 Round to whole number. Price Election Amount P11 45 99999.9999 None Edit with ICE Stage Factor, "D00069". Stage Preliminary Indemnity $\underline{\ }$ Unit Deficiency Quantity * Price Election Amount * Price Percent Factor for Potatoes, "0084" will Amount Stage Price Percent Factor * Insured Share Percent ICE Stage Price Percent Factor 999.99 None not apply if Stage Code is "C" or "NC". Only Stage Codes "P, C, and NC" applicable if nsurance Option Code List "CL" or "CH". Insured Share Percent P11 43 9.999 None For Grapes (commodity 0053) with Stage Code, "UH" (unharvested): P21 59 5999999999 Round to whole number. Preliminary Indemnity Amount Price Election Amount P11 45 99999.9999 None Preliminary Indemnity _ Unit Deficiency Quantity * (Price Election Amount -Harvest Cost Amount ADM 99999.9999 None Edit with ADM Price A00810. Amount = Harvest Cost Amount) * Insured Share Percent Insured Share Percent 43 9.999 None P11 Indemnity Amount P21 60 S999999999 Round to whole number. Indemnity Amount = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor Multiple Commodity Adjustment ICE 9999.999 None Edit with ICE Multiple Cropping, "D00063". Factor

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Exhibit Name: Indemnity Calculations
Exhibit Number: P21-9, Plan 90
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2016 Version: Approved Release Date: 12/6/2018

	Calculations	<u>Field</u> <u>Name</u>	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> <u>Rounding</u>	Rules
ection 4: Replant Paymen	nt Guarantee Calculation						
When Stage Code equals:	Replanted, "R", Replanted Seed, "RS", Replanted Transplant, "RT" = Approved Yield * Coverage Level Percent	Guarantee Per Acre1	Internal		9999999.99	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 Per Acre1 should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
		Approved Yield	P11	42	99999999.99	None	
		Coverage Level Percent	P14	34	9.9999	None	
Round(Guarantee Per Acre1 * Yield Conversion Fa Guarantee Per Acre2 = lbs to 0, tons to 2, all other 1) * Guarantee Adjust Factor	The state of the s	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 Per Acre2 should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (all types).
		Yield Conversion Factor	P11	59	9.999	None	
		Guarantee Adjustment Factor	P11	69	0.999	None	
	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>	<u>Rules</u>
abbage, "0072":	I to Sugar Beets, "0039" or Lesser of: Insured's Actual Cost Or	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 AIP Acre Stage Guarantee field. Acre Stage Guarantee Amount should be rounded to whole pounds for Dry Beans, "0047" (all types), and Dry Peas, "0067" (al types).
Acre Stage Guarantee Amount	Guarantee Per Acre2 * 0.20 (0.10 for Dry Beans, 0.07 for Onions, 0.25 for Calif. Tomatoes)	Insured's Actual Cost	P21	36	99999999.99		Insured's Actual Cost will be submitted in A Acre Stage Guarantee Amount field if lesse of.
	Or	Guarantee Per Acre2	Internal		99999999.99		
	Maximum Replant Guarantee Per Acre	Maximum Replant Guarantee Per Acre	ICE				Edit with ICE "D00129".

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Exhibit Name: Indemnity Calculations
Exhibit Number: P21-9, Plan 90
Record Name: Acreage Claim
Record Code: P21

Reinsurance Year: 2016 Version: Approved Release Date: 12/6/2018

	Calculations	<u>Field</u> Name	Record Number	<u>Field</u> Number	<u>Field</u> Format	<u>Field</u> Rounding	Rules
ommodity Code equals Ca		Name	Number	ivamber	Torride	<u>Rounding</u>	rules
commounty code equals ca	Lesser of:						The 'lesser of' amount will be submitted in t
		Acre Stage Guarantee Amount	P21	36	99999999.99	Round to 1 decimal.	AIP Acre Stage Guarantee field.
	Insured's Actual Cost						
Acre Stage Guarantee	_						Insured's Actual Cost will be submitted in Al
Amount	Or	Insured's Actual Cost	P21	36	99999999.99		Acre Stage Guarantee Amount field if lesser
							of.
	Maximum Replant Guarantee Per Acre	Maximum Replant Guarantee Per Acre	ICE				Edit with ICE "D00129".
		Acre					
Commodity Code equals Su	ıgar Beets, "0039":					Round to nearest dollar and	The 'lesser of' amount will be submitted in t
	Lesser of:	Acre Stage Guarantee Amount	P21	36	99999999.99	cents.	AIP Acre Stage Guarantee field.
	Lesser or.						
Acre Stage Guarantee = Amount	= Insured's Actual Cost						Insured's Actual Cost will be submitted in A
Amount	Or	Insured's Actual Cost	P21	36	99999999.99		Acre Stage Guarantee Amount field if lesse of.
		Maximum Replant Guarantee Per					
	Maximum Replant Guarantee Per Acre	Acre	ICE				Edit with ICE "D00129".
Commodity Code equals Cucumbers, "0132":		Acre Stage Guarantee Amount	P21	36	99999999.99	Round to 1 decimal.	
cucumbers, 0132 .		riore stage dudiantee rimount		50	333333333	nound to 1 deciman	
	Lesser of: Insured's Actual Cost	Insured's Actual Cost	P21	36	99999999.99		Insured's Actual Cost will be submitted in A Acre Stage Guarantee Amount field if lesse
	Or	illisured 3 Actual Cost	121	30	33333333.33		of.
Acre Stage Guarantee Amount	Round(Guarantee Per Acre2 * 0.20,1) Or	Guarantee Per Acre2	Internal		99999999.99		
	Maximum Replant Guarantee Per Acre	Maximum Replant Guarantee Per	ICE				Edit with ICE "D00129".
Section E: Poplant Daymont	t Loss Guarantee Calculation	Acre	ICE				Euit With ICE D00125 .
ection 5. Replant Payment	t Loss Guarantee Calculation					When Unit of Measure equals	
						Barrels or Tons, then round to	
						1 decimal.	
		Loss Guarantee Amount	P21	57	99999999.99	Sugar Beets will be rounded	
	Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor					to nearest dollar and cents.	
						Otherwise, round to whole	
		2	524	40	00000000000	number.	
		Determined Acreage Liability Adjustment Factor	P21 P21	18 39	999999999999	None None	
		Field	Record	Field	Field	Field	
	Calculations	<u>Name</u>	Number	Number	Format	Rounding	Rules
Section 6: Replant Payment	t Indemnity Calculation						
		Indemnity Amount	P21	60	S9999999999	Round to whole number.	
Indemnity Amount	Loss Guarantee Amount * Price Election Amount * Insured Share Percent	Price Election Amount	P11	45	99999.9999	None	
macminey / imoune			P11	43	9.999	None	
macmine, 7 mount		Insured Share Percent				i e	
Commodity Code equals Su	gar Beets, "0039":	Insured Share Percent Indemnity Amount	P21	60	S9999999999	Round to whole number.	
	gar Beets, "0039":			60	\$999999999	Round to whole number.	
Commodity Code equals Su _l	gar Beets, "0039": - Loss Guarantee Amount * Insured Share Percent			60	\$999999999 9.999	Round to whole number.	