Exhibit Name: Premium Calculation

Exhibit Number: P13-2, Plan 50 **Record Name:** Inventory Value

Reinsurance Year: 2024

Version: Approved

Release Date: 7/1/2023

Record Code: P13

Insurance Plan Code

Record Code: P15

50 Dollar Amount of Insurance

Inventory Value Amount * Survival Percent * Coverage Level Percent * Insured Share Percent * Catastrophic Factor	Insurance Plan Code		50 Dollar Amount of Insurance						
Catculations Calculations When Commodity Code is "0073": When Commodity Code is "0073": Inventory Value Amount	Commodity Code		0073 Nursery 1010 Nursery (NVS)						
When Commodity Code is "1010": Liability Amount Liability Amount Survival Percent * Catastrophic Factor Liability Amount P13 59 9999999999 Round to whole number None For Type 071 Liners. Edit With A Additive Optional Rate Mehan Base Rate Additive Optional Rate Additive, "A": Edit With A & Additive, "A": Collapse of Additive, "		Calculations						Rules	
### Commodity Code is "0073": Liability Amount	Section 1: Liability Calculation								
Liability Amount P33 59 9999999999 None For Type 071 Liners. Edit With A 7400810". Survival Percent ADM 9.999 None For Type 071 Liners. Edit With A 7400810". Survival Percent ADM 9.999 None For Type 071 Liners. Edit With A 7400810". Survival Percent P14 34 9.9999 None For Type 071 Liners. Edit With A 7400810". When Cowrage Level Percent P14 34 9.9999 None When Coverage Type Code is equivalent of the equals 0.55. Otherwise, equals 1.0. When Cowrage Level Percent P13 26 9.9999 None Coverage Level Percent P14 P15 P1	•								
Inventory Value Amount * Survival Percent * Coverage Liability Amount = Level Percent * Insured Share Percent * Catastrophic Factor When Commodity Code is *1010*: Liability Amount Selected Value Amount * Coverage Level Percent * Insured Share Percent * Catastrophic Factor Liability Amount Selected Value Amount * Coverage Level Percent * Insured Share Pe			Liability Amount	P13	59	999999999	Round to whole number		
Liability Amount Level Percent * Insured Share Percent * Catastrophic Factor P14 34 9.9999 None A00810".			· · · · · · · · · · · · · · · · · · ·						
Liability Amount = Level Percent * Insured Share Percent * Catastrophic Factor When Commodity Code is *1010*: Liability Amount = Selected Value Amount * Coverage Level Percent * Insured Share Percent * Coverage Level Percent * Insured Share Percent * Coverage Level Percent * Insured Share Percent * Coverage Level Percent * Insured Share Percent * Catastrophic Factor					2-1			For Type 071 Liners. Edit With ADM Price, "A00810".	
Factor Catastrophic Factor P.13 20 3.9999 None When Coverage Type Code is equal then equals 0.55. Otherwise, equals 1.0.		,	Coverage Level Percent	P14	34	9.9999	None		
When Coverage Type Code is equition for the equals 0.55. Otherwise, equals 1.0. When Coverage Library Cove	Liability Amount =	·	Insured Share Percent	P13	26	9.9999	None		
Liability Amount = Selected Value Amount * Coverage Level Percent * Insured Share Percent * Catastrophic Factor	Factor	Catastrophic Factor			9.99	None	·		
Liability Amount = Selected Value Amount * Coverage Level Percent * Insured Share Percent * Catastrophic Factor	When Commodity Code is "1	.010":		•					
Liability Amount = Selected Value Amount * Coverage Level Percent * Insured Share Percent * Catastrophic Factor			Liability Amount	P13	59	999999999	Round to whole number	Cup at \$1.	
Selected Value Amount * Coverage Level Percent * Insured Share Percent * Catastrophic Factor Insured Share Percent * Catastrophic Factor P13 26 9.9999 None When Coverage Type Code is equit then equals 0.55. Otherwise, equals 1.0. Section 2: Base Premium Rate Calculation When Insurance Option Code "OW" does not apply:			Selected Value Amount	P13	49	99999999	None		
Insured Share Percent * Catastrophic Factor Catastrophic Factor Catastrophic Factor Section 2: Base Premium Rate Calculation When Insurance Option Code "OW" does not apply: Base Premium Rate When Insurance Option Code "OW" applies: Option Rate Option Rate Additive Optional Rate Additive Additive, "A": Option Rate with Rate Method Code equals 1.0. When Rate Method Code is Additive, "A": Option Rate Additive, "A": Edit with ADM Option Rate with Additive, "A": Option Rate with Rate Method Code equals 1.0. When Rate With Rate Method Code equals 1.0. Section 3: Option Rate and Rate with Rate Method Code equals 1.0. Additive, "A": Edit with ADM Option Rate with ADM Option Rate with Additive, "A": Edit with ADM Option Rate with ADM Option Rat			Coverage Level Percent	P14	34	9.9999	None		
Insured Share Percent * Catastrophic Factor Catastrophic Factor Catastrophic Factor Section 2: Base Premium Rate Calculation When Insurance Option Code "OW" does not apply: Base Premium Rate When Insurance Option Code "OW" applies: Option Rate Option Rate Additive Optional Rate Additive Additive, "A": Option Rate with Rate Method Code equals 1.0. When Rate Method Code is Additive, "A": Option Rate Additive, "A": Edit with ADM Option Rate with Additive, "A": Option Rate with Rate Method Code equals 1.0. When Rate With Rate Method Code equals 1.0. Section 3: Option Rate and Rate with Rate Method Code equals 1.0. Additive, "A": Edit with ADM Option Rate with ADM Option Rate with Additive, "A": Edit with ADM Option Rate with ADM Option Rat		Selected Value Amount * Coverage Level Percent *	Insured Share Percent	P13	26	9.9999	None		
Section 2: Base Premium Rate Calculation When Insurance Option Code "OW" does not apply: Base Rate * Rate Differential Factor Rate Differential Factor Rate Differential Factor ADM 99999999999999999999999999999999999		Catastrophic Factor			9.99	None	When Coverage Type Code is equal "C", then equals 0.55.		
Base Premium Rate Base Rate * Rate Differential Factor Rate Rate With Rate Method Code equal Rate Rate Rate Rate Rate Differential Factor Rate Rate Rate Differential Factor Rate Rate Rate Differential Factor Rate Rate Differential Factor Rate Rate Rate Differential Factor Rate Rate Differential Factor Rate Rate Differential Factor Rate Rate Rate Rate Rate Rate Rate Rate								Otherwise, equals 1.0.	
When Insurance Option Code "OW" does <u>not</u> apply: Base Rate * Rate Differential Factor Rate Rate Differential Factor Rate Differential Factor Rate Rate Differential Factor Rate Differential Factor Rate Differential Factor Rate Rate Differential Factor Rate Rate Dif	Section 2: Base Premium Ra	te Calculation							
Base Premium Rate Base Rate * Rate Differential Factor Rate Differential Factor Rate Differential Factor ADM 999.9999 None Edit with ADM Base Rate, "A010: "A01040". When Insurance Option Code "OW" applies: Option Rate Additive Optional Rate Additive Optional Rate Adjustment Factor Option Rate Opt			Base Premium Rate	Internal		999999.9999999	Round to 8 decimals.		
Base Premium Rate Base Rate * Rate Differential Factor Rate Differential Factor ADM 9.99999999 None Edit with ADM Coverage Level Differential Factor ADM 9.9999999999999999999999999999999999			Base Rate	ADM		999.9999	None	Edit with ADM Base Rate. "A01010".	
Option Rate Option Rate Option Rate Option Rate ADM 9.9999 None Edit with ADM Option Rate, "A01 Option Rate, "A01 Option. Option. Section 3: Optional Coverage Calculation Additive Optional Rate Adjustment Factor When Rate Method Code is Additive, "A": Additive Optional Rate Adjustment Factor Option Rate ADM 9.9999 None Additive Optional Rate Adjustment Factor Option Rate will be the Sum of a Rate with Rate Method Code equal Additive, "A": Additive Optional Rate Adjustment Factor Option Rate ADM 99999.9999 None Option Rate will be the Sum of a Rate with Rate Method Code equal Additive, "A": Edit with ADM Option Rate, "A01 Option Rate, "A01 Option Rate, "A01 Option Rate will be the Sum of a Rate with Rate Method Code equal Additive, "A": Edit with ADM Option Rate, "A01 Option Rate, "A02								Edit with ADM Coverage Level Differential,	
Section 3: Optional Coverage Calculation Additive Optional Rate Adjustment Factor When Rate Method Code is Additive, "A": Additive Optional Rate Adjustment Factor Option Rate With Rate Method Code equal Additive, "A": Additive Optional Rate Adjustment Factor Option Rate With Rate Method Code equal Additive, "A": Additive, "A": Edit with ADM Option Rate With		·	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060" for Option.	
Additive Optional Rate Adjustment Factor Option Rate ADM 99999.9999 Round to 4 decimals. Option Rate will be the Sum of a Rate with Rate Method Code equal Additive, "A". Edit with ADM Option Rate will be the Sum of a Rate with Rate Method Code equal Additive, "A". Edit with ADM Option Rate will be the Sum of a Rate with Rate Method Code equal Rate with Rate with Rate with Rate with Rate Method Code equal	Section 3: Ontional Coverage								
When Rate Method Code is Additive, "A": Additive Optional Rate Adjustment Factor Additive, "A": Option Rate will be the Sum of a Rate with Rate Method Code equal Additive, "A": Additive, "A": Edit with ADM Option Rate ADM Option Rate will be the Sum of a Rate with Rate Method Code equal Additive, "A": Edit with ADM Option Rate	ection 3. Optional coverag	e Calculation		Internal		999999.9999	Round to 4 decimals.		
Z Option Rate Rate Differential Pactor	Additive Optional Rate = Adjustment Factor	When Rate Method Code is Additive, "A": ∑ Option Rate * Rate Differential Factor		ADM		99999.9999	None	Option Rate will be the Sum of all Option Rate with Rate Method Code equal to Additive, "A". Edit with ADM Option Rate, "A01060".	
			Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differential,	
When Rate Method Code is Multiplicative, "M": Multiplicative Optional Rate Multiplicative Optional Adjustment Factor Multiplicative Optional Rate Adjustment Factor Round to 4 decimals.	Multiplicative Optional =	When Rate Method Code is Multiplicative, "M":	· ·	Internal		999999.9999	Round to 4 decimals.		
Rate Adjustment Factor	Pata Adjustment Easter	∑ Option Rate1 * Option Rate2 * Option Rate3	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060".	

Exhibit Name: Premium Calculation

Exhibit Number: P13-2, Plan 50

Record Name: Inventory Value

Record Code: P13

Reinsurance Year: 2024

Version: Approved Release Date: 7/1/2023

Insurance Plan Code	50 Dollar Amount of Insurance						
Commodity Code	0073 Nursery	Jursery 1010 Nursery (NVS)					
<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 4: Premium Rate Calculation						The Premium Rate for ALL Unit Structures should be capped at .999 in the event various adjustments to the Base Premium Rate would cause it to exceed 1.0.	
	Premium Rate	Internal		999999999999999999999999999999999999999	Round to 8 decimals.	Premium Rate is capped at 0.99900000.	
Paco Promium Pato * Unit Structure Discount Factor *		ı	1			l	

Premium Rate = Multiplicative Opt	te * Unit Structure Discount Factor * tional Rate Adjustment Factor + Rate Adjustment Factor	Unit Structure Discount Factor	ADM		9.999		Edit with ADM Unit Discount, "A01090". When Unit Structure Code equals "BU", then Unit Structure Discount Factor equals Basic Unit Discount Factor.
Section 5: Total Premium, Subsidy, and Produc	cer Premium Calculation						
Total Premium Amount = Liability Amount * Premium Rate * Proration Percent		Total Premium Amount	P13	57	999999999	Round to whole number	
		Proration Percent	ADM		9.99	None	Edit with ADM Proration, "A01070".
Subsidy Amount = Total Premium Amount * Subsidy Percent		Subsidy Amount	P13	58	9999999999	Round to whole number	If this record qualifies for Beginning Farmer Rancher, see Section 7 for the subsidy calculations.
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium = Total Premium An	nount - Subsidy Amount	Producer Premium Amount	P13	60	999999999	Round to whole number	

Exhibit Name: Premium Calculation

Exhibit Number: P13-2, Plan 50 Record Name: Inventory Value Reinsurance Year: 2024 Version: Approved Release Date: 7/1/2023

Record Code: P13

Insurance Plan Code

50 Dollar Amount of Insurance

Commodity Code	0073 Nursery 1010 Nursery (NVS)					
<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 6: Commodity Year Deductible Amount Calculation						This information will be based on the 'individual line'.
When Commodity Code is "0073":						
	Commodity Year Deductible Amount	Internal		99999999	Round to whole number	
Commodity Year = Inventory Value Amount * Survival Percent * Deductible Amount = (1 - Coverage Level Percent)	Inventory Value Amount	P13	24	99999999	Round to whole number	Inventory Amount for the 'individual line'.
Deductible Amount = (1 - Coverage Level Percent)	Survival Percent	ADM		9.999	None	For Type 071 Liners. Edit With ADM Price, "A00810".
	Coverage Level Percent	P14	34	9.9999	None	
When Commodity Code is "1010":						
Commodity Year = Selected Value Amount * (1 - Coverage Level Percent)	Commodity Year Deductible Amount	Internal		99999999	Round to whole number	
Deductible Amount	Selected Value Amount	P13	49	99999999	None	
	Coverage Level Percent	P14	34	9.9999	None	
Section 7: Beginning Farmer and Rancher (BFR), Veteran Farmer Rancher (VFR), and	Conservation Compliance (CC) Sub	sidy Calcula	tions			
Base Subsidy Amount = Total Premium Amount * Subsidy Percent	Base Subsidy Amount	Internal		999999999	Round to whole number	Cupped by the standard rule of \$1 if applicable.
	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
BFR/VFR Subsidy Amount = Total Premium Amount * 0.10 * (1 - CC Subsidy Reduction Percent)	BFR/VFR Subsidy Amount	Internal		9999999999	Round to whole number	Beginning Farmer Rancher/Veteran Farmer Rancher Subsidy Amount. If Applicable;. 0.10 (10%).
CC Subsidy Reduction Amount = Base Subsidy Amount * CC Subsidy Reduction Percent	CC Subsidy Reduction Percent	P13	48	9.9999	None	If Applicable; else 0.
	CC Subsidy Reduction Amount	P13	75	999999999	Round to whole number	CC Subsidy Reduction Amount. If Applicable; else 0.
Subsidy Amount = Base Subsidy Amount + BFR/VFR Subsidy Amount - CC Subsidy Reduction Amount	Subsidy Amount	P13	58	999999999	Round to whole number	Subsidy Amount cannot exceed Total Premium Amount. Subsidy Amount will be cupped at \$0.
Producer Premium = Total Premium Amount - Subsidy Amount Amount	Producer Premium Amount	P13	60	999999999	Round to whole number	