Exhibit Name: Premium Calculation

Exhibit Number: P13-2, Plan 50

Reinsurance Year: 2025 Version: Draft **Record Name:** Inventory Value Record Code: P13 **Release Date: 3/13/2025** Insurance Plan Code 50 Dollar Amount of Insurance

Insurance Plan Code		50 Dollar Amount of Insurance					
Commodity Code		0073 Nursery		1020 Controlled Enviroment (CE)			
	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>
ection 1: Liability Calculat	tion						
hen Commodity Code is '	"0073":						
Liability Amount =		Liability Amount	P13	59	999999999	Round to whole number	
	Inventory Value Amount * Survival Percent * = Coverage Level Percent * Insured Share Percent * Catastrophic Factor	Inventory Value Amount	P13	24	99999999	None	
		Survival Percent	ADM		9.999	None	For Type 071 Liners. Edit With ADM Price "A00810".
		Coverage Level Percent	P14	34	9.9999	None	
		Insured Share Percent	P13	26	9.9999	None	
		Catastrophic Factor			9.99	None	When Coverage Type Code is equal "C", then equals 0.55. Otherwise, equals 1.0.
/hen Commodity Code is '	"1010" or "1020":	•	<u> </u>	<u> </u>			
		Liability Amount	P13	59	999999999	Round to whole number	Cup at \$1.
		Selected Value Amount	P13	49	99999999	None	
	Selected Value Amount * Coverage Level Percent * Insured Share Percent * Catastrophic Factor	Coverage Level Percent	P14	34	9.9999	None	
Liability Amount =		Insured Share Percent	P13	26	9.9999	None	
		Catastrophic Factor			9.99	None	When Coverage Type Code is equal "C", then equals 0.55.
							Otherwise, equals 1.0.
ection 2: Base Premium R	Rate Calculation			ī			
	When Insurance Option Code "OW" does not apply:	Base Premium Rate	Internal		999999.99999999	Round to 8 decimals.	
= Base Premium Rate	when insurance Option Code Ow does <u>not</u> apply:	Base Rate	ADM		999.9999	None	Edit with ADM Base Rate, "A01010".
	Base Rate * Rate Differential Factor	Rate Differential Factor	ADM		9.9999999	None	Edit with ADM Coverage Level Differentia "A01040".
	When Insurance Option Code "OW" applies: Option Rate	Option Rate	ADM		9.9999	None	Edit with ADM Option Rate, "A01060" for Option.
ection 3: Optional Covera	·						
Additive Optional Rate = Adjustment Factor	age calculation	Additive Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
	When Rate Method Code is Additive, "A":	Option Rate	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 Differentia "A01040".
Multiplicative Optional = Rate Adjustment Factor	When Rate Method Code is Multiplicative, "M":	Multiplicative Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	
	∑ 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: 2025

Version: Draft
Release Date: 3/13/2025

Insurance Plan Code	50 Dollar Amount of Insurance							
Commodity Code	0073 Nursery			1010 Nursery (NVS)		1020 Controlled Enviroment (CE)		
	Field	Record	Field	Field	Field			
<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<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		9999999999999999	Round to 8 decimals.	Premium Rate is capped at 0.99900000.		
Base Premium Rate * Unit Structure Discount Factor * Premium Rate = Multiplicative Optional Rate Adjustment Factor + Additive Optional Rate Adjustment Factor	Unit Structure Discount Factor	ADM		9.999	None	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 Producer 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 Farme Rancher, see Section 7 for the subsidy calculations.		
	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".		
Producer Premium = Total Premium Amount - Subsidy Amount 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: 2025 **Version:** Draft Record Code: P13 Release Date: 3/13/2025

Record Code	e: P13	Release Date: 3/13/2025						
Insurance Plan Code	50 Dollar Amount of Insurance							
Commodity Code	0073 Nursery	1020 Controlled Enviroment (CE)						
	Field	Record	<u>Field</u>	<u>Field</u>	Field			
<u>Calculations</u>	<u>Name</u>	Number	Number	<u>Format</u>	Rounding	<u>Rules</u>		
Section 6: Commodity Year Deductible Amount Calculation						This information will be based on the 'individual line'. Controlled Environment "1020" has no deductible.		
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	P13	62	99999999	Round to whole number			
Deductible Amount	Selected Value Amount	P13	49	99999999	None			
	Coverage Level Percent	P14	34	9.9999	None			
When Commodity Code is "1010", Unit Division Code is "T", and Insurance Optio	•							
Commodity Year _ (Selected Value Amount + Original Selected Value	Commodity Year Deductible Amount	P13	62	99999999	Round to whole number			
Deductible Amount = Amount) * (1-Coverage Level Percent)	Original Selected Value Amount	P13	55	99999999	None			
Section 7: Beginning Farmer and Rancher (BFR), Veteran Farmer Rancher (VFR), a	nd Conservation Compliance (CC)	Subsidy Cal	culations					
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.		
base Subsidy Amount – Total Fremium Amount Subsidy Fercent	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 Farme Rancher Subsidy Amount. If Applicable;. 0.10 (10%).		
CC Subsidu Bodustion	CC Subsidy Reduction Percent	P13	48	9.9999	None	If Applicable; else 0.		
CC Subsidy Reduction = Base Subsidy Amount * CC Subsidy Reduction Percent	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			