Hurricane Insurance Protection-Wind Index (HIP-WI)

Insurance Plan Code	37 Hurricane Insurance Protection - Wind Index		
Commodity Code	0073 Nursery (FG&C)	0116 Clams	1010 Nursery (NVS)

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Liability Calculation						
Coverage Range = 0.95 - Coverage Level Percent	Coverage Range	Internal		9.9999	2 decimal places.	Coverage Range (Supplemental Coverage Range) of insured's expected value. Difference between area loss trigger and coverage level of the underlying policy.
	Coverage Level Percent	P14	34	9.9999	2 decimal places.	Coverage Level Percent will be the corresponding underlying policy Coverage Level Percent. Edit with ADM Area Coverage Level, "A01130."
Expected Commodity Value = Underlying Liability Amount / (Base Coverage Level Percent* Price Election Percent)	Expected Commodity Value	Internal		9999999999	Round to whole number.	Expected Crop Value
	Underlying Liability Amount	Internal		9999999999	None	Underlying Liability Amount.
	Base Coverage Level Percent	Internal		9.9999	2 decimal places.	Coverage Level Percent will be the corresponding underlying policy Coverage Level Percent. Edit with ADM Area Coverage Level, "A01130."
	Price Election Percent	Internal		9.9999	None	Underlying Price Election Percent
Total Guarantee = Expected Commodity Value * Coverage Range	Total Guarantee	Internal		9999999999	Round to whole number.	Maximum Supplemental Protection
Liability Amount = Total Guarantee * Price Election Percent	Liability Amount	P13	60	9999999999	Round to whole number.	Supplemental Protection Cup at $1.
	Price Election Percent	P14	35	9.9999	2 decimal places.	Coverage percentage Edit with ICE Price Election Percent , "D00007." Coverage percentage can range from .01 to 1.00 (100%) in increments of 1%.

Exhibit Name:	Premium Calculation					
Exhibit Name:	**Premium Calculation**			**Reinsurance Year:**	2026	
Exhibit Number:	**P13-4, Plan 37**			**Version:**	Comment	
Record Name:	**Inventory Value**			**Release Date:**	3/13/2025	
Record Code:	**P13**					

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Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 2: Total Premium, Subsidy, and Producer Premium Calculation							
When 'TS', Tropical Storm, is found in the Insurance Option Code List field.							
Additive Optional Rate Adjustment Factor	= Σ Option Rate * Rate Differential Factor	Additive Optional Rate Adjustment Factor	Internal		999999.9999	Round to 4 decimals.	Complete this step when the Insurance Option Code List field contains 'TS', Tropical Storm.
		Option Rate	ADM		99999.9999	None	Edit with ADM HIP Option Rate (new table)
		Rate Differential Factor	ADM		9.99999999	None	Edit with ADM Coverage Level Differential, 'A01040'.
Premium Base Rate	= Base Rate + Additive Optional Rate Factor	Premium Base Rate	Internal		88888888.88888888	Round to 8 decimals.	
		Base Rate	ADM		9.9999		Edit with ADM HIP Rate, 'A01140' table.
		Additive Optional Rate Adjustment Factor	Internal		999999.9999		
Preliminary Total Premium Amount	= Liability Amount * Premium Base Rate * Proration Percent	Preliminary Total Premium Amount	Internal		9999999999	Round to whole number.	
		Proration Percent	P13	57	9.99	None	
Preliminary Total Premium Amount	= Liability Amount * Premium Base Rate * Total Premium Multiplicative Optional Rate Adjustment Factor	Preliminary Total Premium Amount	Internal		9999999999	Round to whole number.	
		Total Premium Multiplicative Optional Rate Adjustment Factor	ADM		9.9999	None	If underlying P11 has Short Rate, "SR", in Insurance option Code List then this P11 must use the same Total Premium Multiplicative Optional Rate Adjustment Factor.
Total Premium Amount	= Preliminary Total Premium Amount * Multiple Commodity Adjustment Factor	Total Premium Amount	P13	58	9999999999	Round to whole number.	
		Multiple Commodity Adjustment Factor	ICE		9999.999	None	Edit with ICE Multiple Cropping, "D00063". Used when there is a first Commodity Loss.
Subsidy Amount	= Total Premium Amount * Subsidy Percent	Subsidy Amount	P13	59	9999999999	Round to whole number.	If this record qualifies for Beginning Farmer and Rancher or Native Sod, see Section 3 for subsidy calculations.
		Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070."
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P13	61	9999999999	Round to whole number.	

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Calculations		Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 3: Beginning Farmer and Rancher (BFR), Veteran Farmer Rancher (VFR), Native Sod (NS) and Conservation Compliance (CC) Subsidy Calculations							
Base Subsidy Amount	= Total Premium Amount * Subsidy Percent	Base Subsidy Amount	Internal		9999999999	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; else 0. 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	76	9999999999	Round to whole number.	CC Subsidy Reduction Amount. If Applicable; else 0.
Subsidy Amount =	Base Subsidy Amount + BFR/VFR Subsidy Amount - Native Sod Subsidy Amount - CC Subsidy Reduction Amount	Subsidy Amount	P13	59	9999999999	Round to whole number.	Subsidy Amount cannot exceed Total Premium Amount. Subsidy Amount will be cupped at $0.
Producer Premium Amount	= Total Premium Amount - Subsidy Amount	Producer Premium Amount	P13	61	9999999999	Round to whole number.	