Exhibit Name: Premium Calculation						
Exhibit Number: P13-4, Plan 37			**Reinsurance Year:** 2021			
Record Name: Inventory Value			**Version:** Approved			
Record Code: P13			**Release Date:** 7/1/2020			

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	57	9999999999	Round to whole number	Supplemental Protection
	Price Election Percent	P14	35	9.9999	2 decimal places	Protection Factor. Edit with ICE Price Election Percent , "D00007." Protection Factor can range from .01 to 1.00 (100%) in increments of 1%.

Exhibit Name:	Premium Calculation					
Exhibit Number:	P13-4, Plan 37			**Reinsurance Year:**	2021	
Record Name:	Inventory Value			**Version:**	Approved	
Record Code:	P13			**Release Date:**	7/1/2020	

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 2: Total Premium, Subsidy, and Producer Premium Calculation						
Preliminary Total Premium Amount = Liability Amount * Base Rate * Proration Percent	Preliminary Total Premium Amount	Internal		9999999999	Round to whole number.	
	Base Rate	ADM		9.9999	None	Edit with ADM HIP-WI, "A01140."
	Proration Percent	P13	54	9.99	None	
Preliminary Total Premium Amount = Liability Amount * Base Rate * Total Premium Multiplicative Optional Rate Adjustment Factor	Preliminary Total Premium Amount	Internal		9999999999	Round to whole number.	
	Base Rate	ADM		9.9999	None	Edit with ADM HIP-WI, "A01140."
	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	55	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	56	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	58	9999999999	Round to whole number.	

	Exhibit Name:	Premium Calculation				
	Exhibit Number:	P13-4, Plan 37		Reinsurance Year:	2021	
	Record Name:	Inventory Value		Version:	Approved	
	Record Code:	P13		Release Date:	7/1/2020	

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 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	73	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	Subsidy Amount	P13	56	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	58	9999999999	Round to whole number	