

Exhibit Name: Premium Calculation
 Exhibit Number: P17_1, Plan 81
 Record Name:
 Record Code: P17_1

Reinsurance Year: 2023
 Version: Approved
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Insurance Plan Code 81 Livestock Risk Protection

Commodity Code 0801 Feeder Cattle 0815 Swine
 0802 Fed Cattle

Calculations	Field Name	Record Number	Field Number	Field Format	Field Rounding	Rules
Section 1: Liability (Insured Value) Calculation						
Liability Amount = Head Count * Target Weight Quantity * Coverage Price * Insured Share Percent	Liability Amount	P17	43	9999999999	Round to whole dollars.	Cupped by the standard rule of \$1 if applicable.
	Head Count	P17	23	99999999	None	
	Target Weight Quantity	P17	24	9999.99	None	Validated against ADM LRP Rate, "A00630," Target Low Rate and Target High Rate.
	Coverage Price	P17	25	9999.999		
	Insured Share Percent	P17	26	9.9999	None	
Section 2: Total Premium, Subsidy, and Producer Premium Calculation						
Total Premium Amount = Liability Amount * Livestock Rate	Total Premium Amount	P17	42	9999999999	Round to whole number	Cupped by the standard rule of \$1 if applicable.
	Livestock Rate	ADM		0.9999999		Validated against ADM LRP Rate, "A00630."
Subsidy Amount = Total Premium Amount * Subsidy Percent	Subsidy Amount	P17	45	9999999999	Round to whole number	
	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
Producer Premium Amount = Total Premium Amount - Subsidy Amount	Producer Premium Amount	P17	48	9999999999	Round to whole number	
Section 3: Beginning Farmer and Rancher (BFR), Veteran Farmer Rancher (VFR) 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	Subsidy Factor for LRP will be read off the ADM subsidy rate. Factors are based on coverage level ranges.
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	P17	33	9.9999	None	If Applicable; else 0.
	CC Subsidy Reduction Amount	P17	42	9999999999	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	P17	45	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	P17	48	9999999999	Round to whole number	
Section 3: A&O Expense Subsidy						
A&O Expense Subsidy Amount = Total Premium Amount * A&O Expense Subsidy Percent	A&O Expense Subsidy Amount	P17	49	9999999999.99	Round to whole number	Cupped by the standard rule of \$1 if applicable.
	A&O Expense Subsidy Percent	Internal				