

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

Reinsurance Year: 2027
 Version: Draft
 Release Date: 5/14/2026

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
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Section 1: Liability (Insured Value) Calculation

$\text{Liability Amount} = \frac{\text{Head Count} * \text{Target Weight Quantity} * \text{Coverage Price} * \text{Insured Share Percent}}{\text{Price} * \text{Insured Share Percent}}$	Liability Amount	P17	43	999999999	Round to whole dollars.	Capped 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

$\text{Total Premium Amount} = \text{Liability Amount} * \text{Livestock Rate}$	Total Premium Amount	P17	42	999999999	Round to whole number.	Capped by the standard rule of \$1 if applicable.
	Livestock Rate	ADM		0.9999999		Validated against ADM LRP Rate, "A00630."
$\text{Subsidy Amount} = \text{Total Premium Amount} * \text{Subsidy Percent}$	Subsidy Amount	P17	45	999999999	Round to whole number.	
	Subsidy Percent	ADM		9.999	None	Edit with ADM Subsidy Percent, "A00070".
$\text{Producer Premium Amount} = \text{Total Premium Amount} - \text{Subsidy Amount}$	Producer Premium Amount	P17	48	999999999	Round to whole number.	

Section 3: Beginning Farmer and Rancher "BFR", Veteran Farmer Rancher "VFR", and Conservation Compliance "CC" Subsidy Calculations

$\text{Base Subsidy Amount} = \text{Total Premium Amount} * \text{Subsidy Percent}$	Base Subsidy Amount	Internal		999999999	Round to whole number.	Capped 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.
$\text{BFR/VFR Subsidy Amount} = \frac{\text{Total Premium Amount} * \text{BFR/VFR Subsidy Percent} * (1 - \text{CC Subsidy Reduction Percent})}{\text{Percent}}$	BFR/VFR Subsidy Amount	Internal		999999999	Round to whole number.	Beginning Farmer Rancher/Veteran Farmer Rancher Subsidy Amount. If Applicable; else 0.
	BFR/VFR Subsidy Percent	Internal		9.99	Round to 2 decimals.	BFR/VFR Subsidy percent if applicable; else 0. Base BFR/VFR subsidy percent is 0.10. Additional BFR Subsidy percent may be included in calculation based on the "P14" Benefits Received Year Count Field 82 and the ICE, "D00192" ICE Program Indicator Percent. BFR/VFR Subsidy Percent = Base BFR/VFR Subsidy Percent + Additional BFR Subsidy Percent. (Base Percent + Additional Percent).
$\text{CC Subsidy Reduction Amount} = \frac{\text{Base Subsidy Amount} * \text{CC Subsidy Reduction Percent}}{\text{Percent}}$	CC Subsidy Reduction Percent	P17	33	9.9999	None	If Applicable; else 0.
	CC Subsidy Reduction Amount	P17	42	999999999	Round to whole number.	CC Subsidy Reduction Amount. If Applicable; else 0.

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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 capped 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.	Capped by the standard rule of \$1 if applicable.
	A&O Expense Subsidy Percent	Internal				