

LIVESTOCK RISK PROTECTION (LRP)
LIABILITY/PREMIUM CALCULATIONS
Edit Description

Livestock Risk Protection (LRP)
(Insurance Plan Code 81)

INSURED VALUE (LIABILITY)

INSURED_VALUE = NUMBER_HEAD * TARGET_WEIGHT * COVERAGE_PRICE * SHARE
(field 17) (field 10) (field 11) (field 13) (field 16)

TOTAL PREMIUM

TOTAL_PREMIUM = INSURED_VALUE * RATE
(field 20) (field 17) (field 18)

PRODUCER PREMIUM

SUBSIDY = TOTAL_PREMIUM * Subsidy Factor
(field 21) (field 20) (Internal*)

PRODUCER_PREMIUM = TOTAL_PREMIUM - SUBSIDY
(field 26) (field 20) (field 21)

***Subsidy Factor for LRP is 0.130 (except for Lamb). Subsidy Factor for LRP Lamb will be by Endorsement Length. Endorsement Length - 13 weeks is 0.200, 20 weeks is 0.300, 26 weeks is 0.350, and 39 weeks is 0.380.**

A&O EXPENSE SUBSIDY

AOEXPENSE_SUBSIDY = TOTAL_PREMIUM * AOExpense Subsidy Percent
(field 27) (field 20) (Internal)

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Tag	No.	Picture	Rounding	Description
<NUMBER_HEAD>	10	9(08)	whole number	Number of Head covered by the endorsement. See Exhibit 135 notes.
<TARGET_WEIGHT>	11	9999.99	nearest cwt	Expected weight of the livestock, per head.
<COVERAGE_PRICE>	13	9999.999	per ADM	Obtain from A00630. Level of protection on a dollar per cwt basis and result of expected ending value multiplied by the coverage level.
<SHARE>	16	9.999	3 decimal places	Percentage of insured interest in the covered livestock.
<INSURED_VALUE> (Liability)	17	9(10)	nearest whole dollar	Total dollar amount of coverage (Liability). Number of head multiplied by target weight multiplied by the coverage price multiplied by the insured share.
<RATE>	18	.999999	per ADM	Obtain from A00630.
<TOTAL_PREMIUM>	20	9(10)	nearest whole dollar	Premium including subsidy. Insured Value multiplied by rate.
Subsidy Factor	Internal	.999	3 decimal places	Subsidy Factor for LRP is 0.130 (except for Lamb). Subsidy Factor for LRP Lamb will be by Endorsement Length. Endorsement Length - 13 weeks is 0.200, 20 weeks is 0.300, 26 weeks is 0.350, and 39 weeks is 0.380. Subsidy percent converted to factor.
<SUBSIDY>	21	9(10)	nearest whole dollar	Total Premium multiplied by Subsidy Factor.
<PRODUCER_PREMIUM>	26	9(10)	nearest whole dollar	Premium after subsidy. Total Premium minus Subsidy.
AOExpense Subsidy Percent	Internal	.999	3 decimal places	A&O Expense Subsidy Percent
<AOEXPENSE_SUBSIDY>	27	9(10).99	Dollar and cents	Total Premium multiplied by AOExpense Subsidy Percent.