

**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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LIABILITY/PREMIUM CALCULATIONS**

Edit Description

| 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. |