

**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 28) (field 21) (field 22) (field 24) (field 27)

**TOTAL PREMIUM**

TOTAL\_PREMIUM = INSURED\_VALUE \* RATE  
(field 31) (field 28) (field 29)

**PRODUCER PREMIUM**

SUBSIDY = TOTAL\_PREMIUM \* Subsidy Factor  
(field 32) (field 31) (Internal\*)

PRODUCER\_PREMIUM = TOTAL\_PREMIUM - SUBSIDY  
(field 37) (field 31) (field 32)

**\*Subsidy Factor for LRP is .130.**

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Tag	No.	Picture	Rounding	Description
<NUMBER_HEAD>	21	9(08)	whole number	Number of Head covered by the endorsement. See Exhibit 135 notes.
<TARGET_WEIGHT>	22	9999.99	nearest cwt	Expected weight of the livestock, per head.
<COVERAGE_PRICE>	24	9999.999	per ADM	Obtain from ADM L Suffix D. Level of protection on a dollar per cwt basis and result of expected ending value multiplied by the coverage level.
<SHARE>	27	9.999	3 decimal places	Percentage of insured interest in the covered livestock.
<INSURED_VALUE>  (Liability)	28	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>	29	.999999	per ADM	Obtain from ADM L Suffix D.
<TOTAL_PREMIUM>	31	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 .130. Subsidy percent converted to factor.
<SUBSIDY>	32	9(10)	nearest whole dollar	Total Premium multiplied by Subsidy Factor.
<PRODUCER_PREMIUM>	37	9(10)	nearest whole dollar	Premium after subsidy. Total Premium minus Subsidy.