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

**INSURED VALUE (LIABILITY)**

\[
\text{INSURED\_VALUE} = \text{NUMBER\_HEAD} \times \text{TARGET\_WEIGHT} \times \text{COVERAGE\_PRICE} \times \text{SHARE}
\]

\[
\begin{array}{c}
\text{(field 17) } \\
\text{(field 10) } \\
\text{(field 11) } \\
\text{(field 13) } \\
\text{(field 16)}
\end{array}
\]

**TOTAL PREMIUM**

\[
\text{TOTAL\_PREMIUM} = \text{INSURED\_VALUE} \times \text{RATE}
\]

\[
\begin{array}{c}
\text{(field 20) } \\
\text{(field 17) } \\
\text{(field 18)}
\end{array}
\]

**PRODUCER PREMIUM**

\[
\text{PRODUCER\_PREMIUM} = \text{TOTAL\_PREMIUM} - \text{SUBSIDY}
\]

\[
\begin{array}{c}
\text{(field 26) } \\
\text{(field 20) } \\
\text{(field 21)}
\end{array}
\]

*Subsidy Factor for LRP is .130.

**A&O EXPENSE SUBSIDY**

\[
\text{AOEXPENSE\_SUBSIDY} = \text{TOTAL\_PREMIUM} \times \text{AOExpense\_Subsidy\_Percent}
\]

\[
\begin{array}{c}
\text{(field 27) } \\
\text{(field 20) } \\
\text{(Internal)}
\end{array}
\]
<table>
<thead>
<tr>
<th>Tag</th>
<th>No.</th>
<th>Picture</th>
<th>Rounding</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;NUMBER_HEAD&gt;</td>
<td>10</td>
<td>9(08)</td>
<td>whole number</td>
<td>Number of Head covered by the endorsement. See Exhibit 135 notes.</td>
</tr>
<tr>
<td>&lt;TARGET_WEIGHT&gt;</td>
<td>11</td>
<td>9999.99</td>
<td>nearest cwt</td>
<td>Expected weight of the livestock, per head.</td>
</tr>
<tr>
<td>&lt;COVERAGE_PRICE&gt;</td>
<td>13</td>
<td>9999.999</td>
<td>per ADM</td>
<td>Obtain from A00630. Level of protection on a dollar per cwt basis and result of expected ending value multiplied by the coverage level.</td>
</tr>
<tr>
<td>&lt;SHARE&gt;</td>
<td>16</td>
<td>9.999</td>
<td>3 decimal places</td>
<td>Percentage of insured interest in the covered livestock.</td>
</tr>
<tr>
<td>&lt;INSURED_VALUE&gt;</td>
<td>17</td>
<td>9(10)</td>
<td>nearest whole dollar</td>
<td>Total dollar amount of coverage (Liability). Number of head multiplied by target weight multiplied by the coverage price multiplied by the insured share.</td>
</tr>
<tr>
<td>&lt;RATE&gt;</td>
<td>18</td>
<td>.999999</td>
<td>per ADM</td>
<td>Obtain from A00630.</td>
</tr>
<tr>
<td>&lt;TOTAL_PREMIUM&gt;</td>
<td>20</td>
<td>9(10)</td>
<td>nearest whole dollar</td>
<td>Premium including subsidy. Insured Value multiplied by rate.</td>
</tr>
<tr>
<td>Subsidy Factor</td>
<td>Internal</td>
<td>.999</td>
<td>3 decimal places</td>
<td>Subsidy Factor for LRP is .130. Subsidy percent converted to factor.</td>
</tr>
<tr>
<td>&lt;SUBSIDY&gt;</td>
<td>21</td>
<td>9(10)</td>
<td>nearest whole dollar</td>
<td>Total Premium multiplied by Subsidy Factor.</td>
</tr>
<tr>
<td>&lt;PRODUCER_PREMIUM&gt;</td>
<td>26</td>
<td>9(10)</td>
<td>nearest whole dollar</td>
<td>Premium after subsidy. Total Premium minus Subsidy.</td>
</tr>
<tr>
<td>A&amp;O Expense Subsidy Percent</td>
<td>Internal</td>
<td>.999</td>
<td>3 decimal places</td>
<td>A&amp;O Expense Subsidy Percent</td>
</tr>
<tr>
<td>&lt;AOEXPENSE_SUBSIDY&gt;</td>
<td>27</td>
<td>9(10),99</td>
<td>Dollar and cents</td>
<td>Total Premium multiplied by A&amp;O Expense Subsidy Percent.</td>
</tr>
</tbody>
</table>