<table>
<thead>
<tr>
<th>Field Name</th>
<th>Record Number</th>
<th>Field Number</th>
<th>Field Format</th>
<th>Field Rounding</th>
<th>Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approved Yield</td>
<td>P11</td>
<td>46</td>
<td>99999999.99</td>
<td>Round to 1 decimal.</td>
<td></td>
</tr>
<tr>
<td>County Yield</td>
<td>ADM</td>
<td></td>
<td>9999.9</td>
<td>None</td>
<td>Edit with ADM Base Rate, &quot;A01010&quot;.</td>
</tr>
<tr>
<td>Yield Price Factor</td>
<td>ICE</td>
<td></td>
<td>9.9999</td>
<td>None</td>
<td>Coverage Level Factor from SPOI. Edit with Yield Price Factor ICE, &quot;D00041&quot;.</td>
</tr>
<tr>
<td>Minimum Payment Quantity</td>
<td></td>
<td></td>
<td>99999999.99</td>
<td>None</td>
<td>Minimum Payment Quantity must be converted to bushels.</td>
</tr>
<tr>
<td>Premium Acre Guarantee Quantity</td>
<td></td>
<td></td>
<td>99999999.99</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td>Price Election Amount</td>
<td>P11</td>
<td>49</td>
<td>9999.9999</td>
<td>None</td>
<td>If HS option elected, price should reflect higher of MPCI or HPSE price (A00810 Hybrid Seed Option Price).</td>
</tr>
<tr>
<td>Acre Guarantee Quantity</td>
<td>P11</td>
<td>100</td>
<td>99999999.99</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td>Guarantee Adjustment Factor</td>
<td>P11</td>
<td>75</td>
<td>0.999</td>
<td>None</td>
<td>Edit with the Guarantee Adjustment ICE, &quot;D00068&quot;.</td>
</tr>
<tr>
<td>Premium Total Guarantee Amount</td>
<td></td>
<td></td>
<td>99999999.99</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td>Reported Acreage</td>
<td>P11</td>
<td>52</td>
<td>99999999.99</td>
<td>None</td>
<td>Reported Acreage must equal the sum of all Land, P27, Reported Acreage.</td>
</tr>
<tr>
<td>Total Guarantee Amount</td>
<td>P11</td>
<td>97</td>
<td>99999999.99</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td>Premium Liability Amount</td>
<td></td>
<td></td>
<td>9999999999</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td>Insured Share Percent</td>
<td>P11</td>
<td>47</td>
<td>9.999</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Liability Amount</td>
<td>P11</td>
<td>88</td>
<td>9999999999</td>
<td>Round to whole number.</td>
<td></td>
</tr>
</tbody>
</table>

**Section 1: Liability Calculation**

\[
\text{Approved Yield} = (\text{County Yield} \times \text{Yield Price Factor}) - \text{Minimum Payment Quantity}
\]

\[
\text{Premium Acre Guarantee Quantity} = \text{Approved Yield} \times \text{Price Election Amount}
\]

\[
\text{Acre Guarantee Quantity} = \text{Premium Acre Guarantee Quantity} \times \text{Guarantee Adjustment Factor}
\]

\[
\text{Premium Total Guarantee Amount} = \text{Premium Acre Guarantee Quantity} \times \text{Reported Acreage}
\]

\[
\text{Total Guarantee Amount} = \text{Acre Guarantee Quantity} \times \text{Reported Acreage}
\]

\[
\text{Premium Liability Amount} = \text{Premium Total Guarantee Amount} \times \text{Insured Share Percent}
\]

\[
\text{Liability Amount} = \text{Total Guarantee Amount} \times \text{Insured Share Percent}
\]
### Insurance Plan Code

**55 Yield Based Dollar Amount of Insurance**

| Commodity Code | 0062 Hybrid Seed Corn | 0050 Hybrid Sorghum Seed |

### Section 2: Base Premium Rate Calculation

#### Base Premium Rate

- **When Rate Method Code equals Fixed Rate, “F”:**
  
  \[
  \text{Base Premium Rate} = \text{Sub County Rate} \times \text{Rate Differential Factor}
  \]

- **When Rate Method Code equals Additive, “A”:**
  
  \[
  \text{Base Premium Rate} = (\text{Sub County Rate} + \text{Base Rate}) \times \text{Rate Differential Factor}
  \]

- **When Rate Method Code equals Multiplicative, “M”:**
  
  \[
  \text{Base Premium Rate} = \text{Sub County Rate} \times \text{Base Rate} \times \text{Rate Differential Factor}
  \]

- **Otherwise:**
  
  \[
  \text{Base Premium Rate} = \text{Base Rate} \times \text{Rate Differential Factor}
  \]

#### Additive Optional Rate Adjustment Factor

- **When Rate Method Code is Additive, “A”:**
  
  \[
  \sum \text{Option Rate} \times \text{Rate Differential Factor}
  \]

- **When Rate Method Code is Multiplicative, “M”:**
  
  \[
  \sum \text{Option Rate1} \times \text{Option Rate2} \times \text{Option Rate3...}
  \]

#### Multiplicative Optional Rate Adjustment Factor

**The Premium Rate for ALL Unit Structures should be capped at .999 in the event various**

### Section 4: Premium Rate Calculation

- **Premium Rate**

  \[
  \text{Premium Rate} = \text{Base Premium Rate} \times \text{Unit Structure Discount Factor} \times \text{Additive Optional Rate Adjustment Factor} + \text{Additive Optional Rate Adjustment Factor}
  \]

- **Unit Structure Discount Factor**

  \[
  \text{Unit Structure Discount Factor} = \text{ADM} \times 9.999
  \]

- **Additive Optional Rate Adjustment Factor**

  \[
  \text{Additive Optional Rate Adjustment Factor} = \text{ADM} \times 9.999
  \]

- **Base Premium Rate**

  \[
  \text{Base Premium Rate} = \text{ADM} \times 999999.999
  \]

- **Multiplicative Optional Rate Adjustment Factor**

  \[
  \text{Multiplicative Optional Rate Adjustment Factor} = \text{ADM} \times 999999.999
  \]

- **Additive Optional Rate Adjustment Factor**

  \[
  \text{Additive Optional Rate Adjustment Factor} = \text{ADM} \times 999999.999
  \]
### Insurance Plan Code

<table>
<thead>
<tr>
<th>Commodity Code</th>
<th>Insurance Plan Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>0062 Hybrid Seed Corn</td>
<td>55 Yield Based Dollar Amount of Insurance</td>
</tr>
<tr>
<td>0050 Hybrid Sorghum Seed</td>
<td></td>
</tr>
</tbody>
</table>

### Calculations

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Record Number</th>
<th>Field Number</th>
<th>Field Format</th>
<th>Field Rounding</th>
<th>Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preliminary Total Premium Amount</td>
<td>Internal</td>
<td>9999999999</td>
<td>Round to whole number.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Experience Factor</td>
<td>P11</td>
<td>51</td>
<td>9.999</td>
<td>None</td>
<td>Must be a value between minimum and maximum on ICE, &quot;D10023&quot;.</td>
</tr>
<tr>
<td>Total Premium Amount</td>
<td>P11</td>
<td>89</td>
<td>9999999999</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td>Multiple Commodity Adjustment Factor</td>
<td>ICE</td>
<td>9999.999</td>
<td>None</td>
<td>Edit with ICE Multiple Cropping, &quot;D00063&quot;.</td>
<td></td>
</tr>
<tr>
<td>Subsidy Amount</td>
<td>P11</td>
<td>87</td>
<td>9999999999</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td>Subsidy Percent</td>
<td>ADM</td>
<td>9.999</td>
<td>None</td>
<td>Edit with ADM Subsidy Percent, &quot;A00070&quot;.</td>
<td></td>
</tr>
<tr>
<td>Producer Premium Amount</td>
<td>P11</td>
<td>90</td>
<td>9999999999</td>
<td>Round to whole number.</td>
<td></td>
</tr>
</tbody>
</table>