### Section 1: Stage Guarantee Calculation

#### When Commodity is not "0093," Hybrid Sweet Corn Seed, "0334," Hybrid Popcorn Seed, or "0066," Hybrid Vegetable Seed:

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

- **County Yield**
  
  ADM

- **Yield Price Factor**
  
  ICE

- **Minimum Payment Quantity**
  
  999999.9

- **Guarantee Per Acre Amount**
  
  Internal

- **Price Election Amount**
  
  P11

#### When Commodity is "0093," Hybrid Sweet Corn Seed or "0334," Hybrid Popcorn Seed:

- **Approved Yield**
  
  \[
  \text{Approved Yield} = \text{County Yield} \times \text{Coverage Level Percent}
  \]

- **County Yield**
  
  ADM

- **Coverage Level Percent**
  
  P14

- **Guarantee Per Acre Amount**
  
  Internal

- **Price Election Amount**
  
  P11
<table>
<thead>
<tr>
<th>Insurance Plan Code</th>
<th>55 Yield Based Dollar Amount of Insurance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commodity Code</td>
<td>0050 Hybrid Sorghum Seed 0066 Hybrid Vegetable Seed 0080 Hybrid Seed Rice 0093 Hybrid Sweet Corn Seed 0334 Hybrid Popcorn Seed</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>Rounding Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acre Stage Guarantee Amount</td>
<td>P21 58</td>
<td>99999999.99</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td>Guarantee Adjustment Factor</td>
<td>P11 69</td>
<td>0.999</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

#### When Commodity is "0066", Hybrid Vegetable Seed:

- **Approved Yield** = County Yield * Coverage Level Percent
  - County Yield: ADM 999.9
  - Coverage Level Percent: P14 34

- **Guarantee Per Acre Amount** = \( \text{ROUND}(\text{Approved Yield} \times \text{Price Election Amount} - \text{Minimum Payment Quantity}, 0) \)
  - Price Election Amount: P11 45 9999.9999
  - Minimum Payment Quantity: P11 79 999999.9

- **Acre Stage Guarantee Amount** = Guarantee Per Acre Amount * Guarantee Adjustment Factor
  - Guarantee Per Acre Amount: P21 58 99999999.99
  - Guarantee Adjustment Factor: P11 69 0.999

#### Section 2: Loss Guarantee Calculation

- **Loss Guarantee Amount** = Acre Stage Guarantee Amount * Determined Acreage * Liability Adjustment Factor
  - Acre Stage Guarantee Amount: P21 58 99999999.99
  - Determined Acreage: P21 60 99999999.99
  - Liability Adjustment Factor: P21 39 9.99999

#### Section 3: Indemnity Calculation

##### When Commodity is NOT "0093," Hybrid Sweet Corn Seed or "0334," Hybrid Popcorn Seed:

- **Unit Deficiency Quantity** = Loss Guarantee Amount – Production to Count Quantity
  - Unit Deficiency Quantity: P21 59 99999999.99
  - Production to Count Quantity: P21 34 99999999.99

- **Preliminary Indemnity Amount** = Unit Deficiency Quantity * Insured Share Percent
  - Unit Deficiency Quantity: P21 59 99999999.99
  - Insured Share Percent: P11 43 9.999

- **Indemnity Amount** = Preliminary Indemnity Amount * Multiple Commodity Adjustment Factor
  - Preliminary Indemnity Amount: P21 63 9999999999
  - Multiple Commodity Adjustment Factor: ICE 9999.999

##### When Commodity is "0093," Hybrid Sweet Corn Seed or "0334," Hybrid Popcorn Seed:

- **Unit Deficiency Quantity** = Loss Guarantee Amount – Production to Count Quantity
  - Unit Deficiency Quantity: P21 59 99999999.99
  - Production to Count Quantity: P21 34 99999999.99

- **Preliminary Indemnity Amount** = Unit Deficiency Quantity
  - Unit Deficiency Quantity: P21 59 99999999.99

---

Section 2 of 3
### Indemnity Calculations

**Exhibit Name:** Indemnity Calculations  
**Exhibit Number:** P21-8, Plan 55  
**Record Name:** Acreage Claim  
**Record Code:** P21  
**Release Date:** 7/1/2021  
**Reinsurance Year:** 2022

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

<table>
<thead>
<tr>
<th>Calculations</th>
<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>Indemnity Amount CAP</td>
<td>Indemnity Amount CAP</td>
<td>Internal</td>
<td></td>
<td>$9999999999</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minimum Payment Quantity</td>
<td>P11</td>
<td>79</td>
<td>999999.9</td>
<td>Minimum Payment Quantity must be in dollars (whole numbers).</td>
<td></td>
</tr>
<tr>
<td>Indemnity Amount</td>
<td>Indemnity Amount</td>
<td>P21</td>
<td>63</td>
<td>$9999999999</td>
<td>Round to whole number.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Multiple Commodity Adjustment Factor</td>
<td>ICE</td>
<td></td>
<td>9999.999</td>
<td>None</td>
<td>Edit with ICE Multiple Cropping, &quot;D00063&quot;. Not applicable for Hybrid Seed Rice.</td>
</tr>
<tr>
<td></td>
<td>Insured Share Percent</td>
<td>P11</td>
<td>43</td>
<td>9.9999</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>