NEW PRODUCTIVE BIVOLTINE SILKWORM HYBRIDS

FOR PROSPERITY & SUSTAINABILITY

G11 x G19

- Double hybrid for sub-optimal conditions
- Plain larvae
- Cocoons shell percentage: 22-23%
- Raw silk recovery: 16.0-17.0%
- Cocoon yield: 65-70 kg/100 dfls
- Renditta: 5.5-6.0
- Better digestibility and higher survival
- Suitable for all regions & seasons
- Crop stability at commercial farmer

Advantages of double hybrids over single hybrids

- Parental breeds are sensitive to diseases
- Foundation crosses are strong
- More egg yield
- Less unfertilized eggs
- Hybrids are robust
- Improved hybrid vigour
- Easy to rear

For further details Contact:

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### CSR16 X CSR17
- Productive bivoltine single hybrid
- Marked larvae
- Cocoon shell percentage: 22-23%
- Raw silk recovery: 17.0-18.0%
- Cocoon yield: 65-68 kg/100 dfls
- Renditta: 6.0-6.5
- Silk quality: 2A~3A grade
- Alternative to CSR2 x CSR4

**Field Performance**

<table>
<thead>
<tr>
<th>State</th>
<th>Dfls</th>
<th>Farmers</th>
<th>Yield/100 dfls (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andhra Pradesh</td>
<td>336350</td>
<td>945</td>
<td>63.00</td>
</tr>
<tr>
<td>Karnataka</td>
<td>80300</td>
<td>309</td>
<td>63.61</td>
</tr>
<tr>
<td>Tamil Nadu</td>
<td>93550</td>
<td>500</td>
<td>67.74</td>
</tr>
<tr>
<td>Total/Avg.</td>
<td>510200</td>
<td>1754</td>
<td>64.07</td>
</tr>
</tbody>
</table>

### CSR50 X CSR51 [Chamaraja]
- Robust bivoltine single hybrid
- Marked larvae
- Cocoon shell percentage: 22-24%
- Raw silk recovery: 18.0-19.0%
- Cocoon yield: 65-70 kg/100 dfls
- Renditta: 5.5-6.0
- Silk quality: 2A~3A grade

**Field Performance**

<table>
<thead>
<tr>
<th>State</th>
<th>Dfls</th>
<th>Farmers</th>
<th>Yield/100 dfls (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andhra Pradesh</td>
<td>6000</td>
<td>26</td>
<td>68.04</td>
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<tr>
<td>Karnataka</td>
<td>9750</td>
<td>49</td>
<td>62.98</td>
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<td>Tamil Nadu</td>
<td>4650</td>
<td>33</td>
<td>69.63</td>
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<tr>
<td>Total/Avg.</td>
<td>20400</td>
<td>108</td>
<td>65.98</td>
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</tbody>
</table>

### (CSR50 X CSR52) X (CSR51 X CSR53) [Jayachamaraja]
- Productive bivoltine double hybrid
- Marked larvae
- Cocoon shell percentage: 22-24%
- Raw silk recovery: 18.0-19.0%
- Cocoon yield: 65-70 kg/100 dfls
- Silk quality: 2A~3A grade
- Renditta: 5.5-6.0
- Better crop stability at commercial farmer

**Field Performance**

<table>
<thead>
<tr>
<th>State</th>
<th>Dfls</th>
<th>Farmers</th>
<th>Yield/100 dfls (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andhra Pradesh</td>
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<tr>
<td>Karnataka</td>
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<td>Tamil Nadu</td>
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<tr>
<td>Total/Avg.</td>
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<td>175</td>
<td>67.12</td>
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