

## G11 X G19



- Double hybrid for sub-optimal conditions
- Plain larvae
- Cocoon 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



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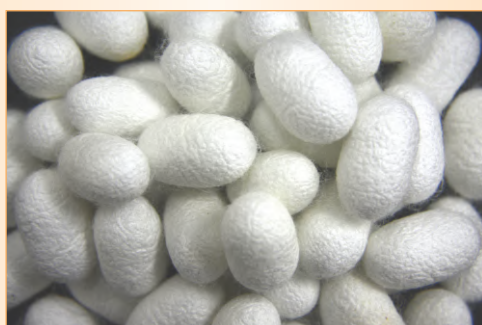
## NEW PRODUCTIVE BIVOLTINE SILKWORM HYBRIDS

FOR PROSPERITY & SUSTAINABILITY



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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

State	Dfls	Farmers	Yield/ 100 dfls (kg)
Andhra Pradesh	336350	945	63.00
Karnataka	80300	309	63.61
Tamil Nadu	93550	500	67.74
Total/Avg.	510200	1754	64.07

### 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

State	Dfls	Farmers	Yield/ 100 dfls (kg)
Andhra Pradesh	6000	26	68.04
Karnataka	9750	49	62.98
Tamil Nadu	4650	33	69.63
Total/Avg.	20400	108	65.98

### (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
- Renditta : 5.5- 6.0
- Better crop stability at commercial farmer

#### Field Performance

State	Dfls	Farmers	Yield/ 100 dfls (kg)
Andhra Pradesh	50400	43	67.32
Karnataka	11400	29	60.00
Tamil Nadu	23550	103	70.14
Total/Avg.	85350	175	67.12