

MULBERRY SILKWORM HYBRIDS AVAILABLE FOR COMMERCIAL USE

A. Bivoltine Hybrids

Sl. No.	Hybrid	Spring/Provinces	Autumn/Provinces	Winter/Provinces
1	SH6 x KA	West Bengal/ Assam/Bihar/Oriッサ/Madhy Pradesh/ Jammu & Kashmir/ Uttar Pradesh	West Bengal/ Assam/Bihar/Oriッサ/Ma dhy Pradesh	Assam/Bihar/ Oriッサ/Madhy Pradesh
2	CA2 x NB4D2	West Bengal/ Assam/ Bihar/ Oriッサ/ Madhya Pradesh/ Jammu & Kashmir/ Uttar Pradesh	Jammu & Kashmir/ Uttar Pradesh	West Bengal/ Jammu & Kashmir/ Uttar Pradesh
3	NB18 x P5	--	---	Assam/Bihar/ Oriッサ/ Madhya Pradesh
4	YS3 x SF19	Jammu & Kashmir/ Uttar Pradesh	--	--
5	SH6 x NB4D2	Jammu & Kashmir/ Uttar Pradesh	--	--
6	PAM101 x NB4D2	--	Jammu & Kashmir/ Uttar Pradesh	Jammu & Kashmir/ Uttar Pradesh
7	CC1 x NB4D2	--	Jammu & Kashmir/ Uttar Pradesh	Jammu & Kashmir/ Uttar Pradesh
8	PAM111 x SF19	--	Jammu & Kashmir/ Uttar Pradesh	Jammu & Kashmir/ Uttar Pradesh
9	SKUAST-1 x SKUAST-6	Jammu & Kashmir	--	--
10	CSR2 x CSR4	Rainfed Areas/ Irrigated Areas South India Temperate/ Sub-Tropical Zones	Rainfed Areas/ Irrigated Areas South India Temperate/ Sub-Tropical Zones	--
11	CSR2 x CSR5	Rainfed Areas/ Irrigated Areas South India Temperate/ Sub-Tropical Zones	Rainfed Areas/ Irrigated Areas South India Temperate/ Sub-Tropical Zones	--
12	CSR12 x CSR6	Temperate/ Tropical	Temperate/ Tropical	--
13	CSR18 x CSR19	--	Temperate/ Tropical	--
14	CSR16 x CSR17	Temperate/ Tropical	Temperate/ Tropical	--
15	CSR3 x CSR6	Temperate/ Tropical	Temperate/ Tropical	--
16	KSO1 x SP2	Temperate/ Tropical	-	--
17	APS5 x APS4	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)	--
18	(CSR6 x CSR26) x (CSR2 x CSR27)	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North	--

		East	East	
19	CSR48 x CSR5	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North -East	--
20	Dun6 x Dun22	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	----
21	CSR2A x CSR4A	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	-
22	APS105 x APS126	Nil	Andhra Pradesh Tamil Nadu (Hills) West Bengal (Hills)	--
23	APS45 x APS12	Jammu Region	Jammu Region Tamil Nadu (Hills)	--
24	CSR46 x CSR47	Uttarakhand Himachal Pradesh Uttar Pradesh Karnataka Andhra Pradesh	Jammu Region Uttarakhand Andhra Pradesh (Hills) West Bengal (Hills) Orissa Assam	--
25	Dun17 X Dun18	Himachal Pradesh	Karnataka West Bengal (Hills) Assam	--
26	GEN3 x GEN2	Kashmir Valley Andhra Pradesh	Tamil Nadu West Bengal (Hills) Assam	--
27	KSO1 x NP4	Himachal Pradesh Karnataka	Jammu Region	--
28	NK2 x NP4	Nil	Jammu Region & Assam	--
29	SLD4 x SLD8	Jammu Region Uttarakhand Uttar Pradesh Karnataka Tamil Nadu (Hills) Assam	Kashmir Valley Jammu Region Andhra Pradesh Tamil Nadu (Hills) West Bengal (Hills) Assam	--

B: Multivoltine X Bivoltine Hybrids

Sl. No.	Hybrid	Spring/ Province	Summer / Province	Rainy/ Province	Autumn/ Province	Winter/ Province
1	P2D1 x NB18	West Bengal / Assam/Bihar/Ori ssa/Madhya Pradesh	Uttar Pradesh	--	Uttar Pradesh	Andhra Pradesh
2	MY1 x NB18	West Bengal/ Assam/Bihar/Ori ssa/Madhya Pradesh	--	--	West Bengal/ Assam/Bihar/Ori ssa/ Madhya Pradesh	--
3	N x (NB18 x P5)	--	Assam/Bihar/ Orissa/Madh ya Pradesh	--	West Bengal/ Assam/Bihar/ Orissa/Madhya Pradesh	--
4	PM x NB18	--	Assam/Bihar/ Orissa/Madh ya Pradesh	--	--	--
5	RD1 x NB18	--	Uttar Pradesh	--	Uttar Pradesh	--
6	BL23 x NB4D2	Rainfed Areas/ Irrigated Areas South India Temperate/ Sub-Tropical Zones	-	--	Rainfed Areas/ Irrigated Areas South India Temperate/ Sub-Tropical Zones	-
7	BL24 x NB4D2	Rainfed Areas/ Irrigated Areas South India Temperate/ Sub-Tropical Zones	--	-	Rainfed Areas/ Irrigated Areas South India Temperate/ Sub-Tropical Zones	--
8	APM1 x APS8	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)	East	East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)	-
9	BL43 x NB4D2	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)	--	--	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)	-
10	BL67 x CSR19	North Zone (J&K and Uttaranchal)/ South Zone (Andhra	North Zone (J&K and Uttaranchal)/ South Zone (Andhra	-	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra

		Pradesh, Karnataka & Tamil Nadu)/ East and North East	Pradesh, Karnataka & Tamil Nadu)/ East and North East		and North East	Pradesh, Karnataka & Tamil Nadu)/ East and North East
11	PM x CSR2	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	--	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East
12	N x YB	West Bengal	-	-	-	-
13	BL67A x CSR101A (for artificial diet only)	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	-	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East
14	APDR15 x APDR115	Karnataka West Bengal (Plains)	Nil	Nil	West Bengal (Plains)	Karnataka
15	APM2 x APDR105	Karnataka	--	--	Andhra Pradesh, Karnataka Tamil Nadu West Bengal (Plains)	Andhra Pradesh
16	APM3 x APS12	West Bengal (Plains)	Nil	Nil	Karnataka	Karnataka
17	Mcon1 x Bcon4	Karnataka Andhra Pradesh West Bengal (Plains) Jharkhand	Tamil Nadu (Plains)	Jhar-khand	Karnataka Andhra Pradesh Jharkhand	Karnataka
18	Mcon4 x Bcon4	West Bengal (Plains) Jharkhand	Assam	--	West Bengal (Plains) Jharkhand Orissa	--
19	MH1 x CSR2	Karnataka	Karnataka Andhra Pradesh	Uttar Pradesh Assam	Karnataka Andhra Pradesh Tamil Nadu (Plains) Orissa	Karnataka Andhra Pradesh
20	PM x CSR2(SL)	Karnataka Andhra Pradesh West Bengal (Plains)	Karnataka Andhra Pradesh Tamil Nadu (Plains)	Assam	Karnataka Andhra Pradesh Tamil Nadu (Plains) West Bengal (Plains) & Manipur	Karnataka

B. Multivoltine Hybrids

Sl. No.	Hybrid	Spring / Province	Summer/ Province	Rainy/ Province	Autumn/ Province	Winter / Province
01	BL24 x C. Nichi	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	---	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East	North Zone (J&K and Uttaranchal)/ South Zone (Andhra Pradesh, Karnataka & Tamil Nadu)/ East and North East
02	N x M12 (W)		West Bengal	West Bengal		
03	M con1 X M con4	Karnataka Andhra Pradesh Tamil Nadu (Plains) and West Bengal	Karnataka, Andhra Pradesh and Tamil Nadu (Plains)	---	Karnataka, Andhra Pradesh and Tamil Nadu (Plains) West Bengal	Karnataka, Andhra Pradesh and Tamil Nadu (Plains)
04	Nistari X M con4	Andhra Pradesh	Tamil Nadu	---	Andhra Pradesh, Tamil Nadu (Plains) and West Bengal	Nil
05	PM X C110	West Bengal	Nil	--	West Bengal	Nil