

GANGA (C-1360)

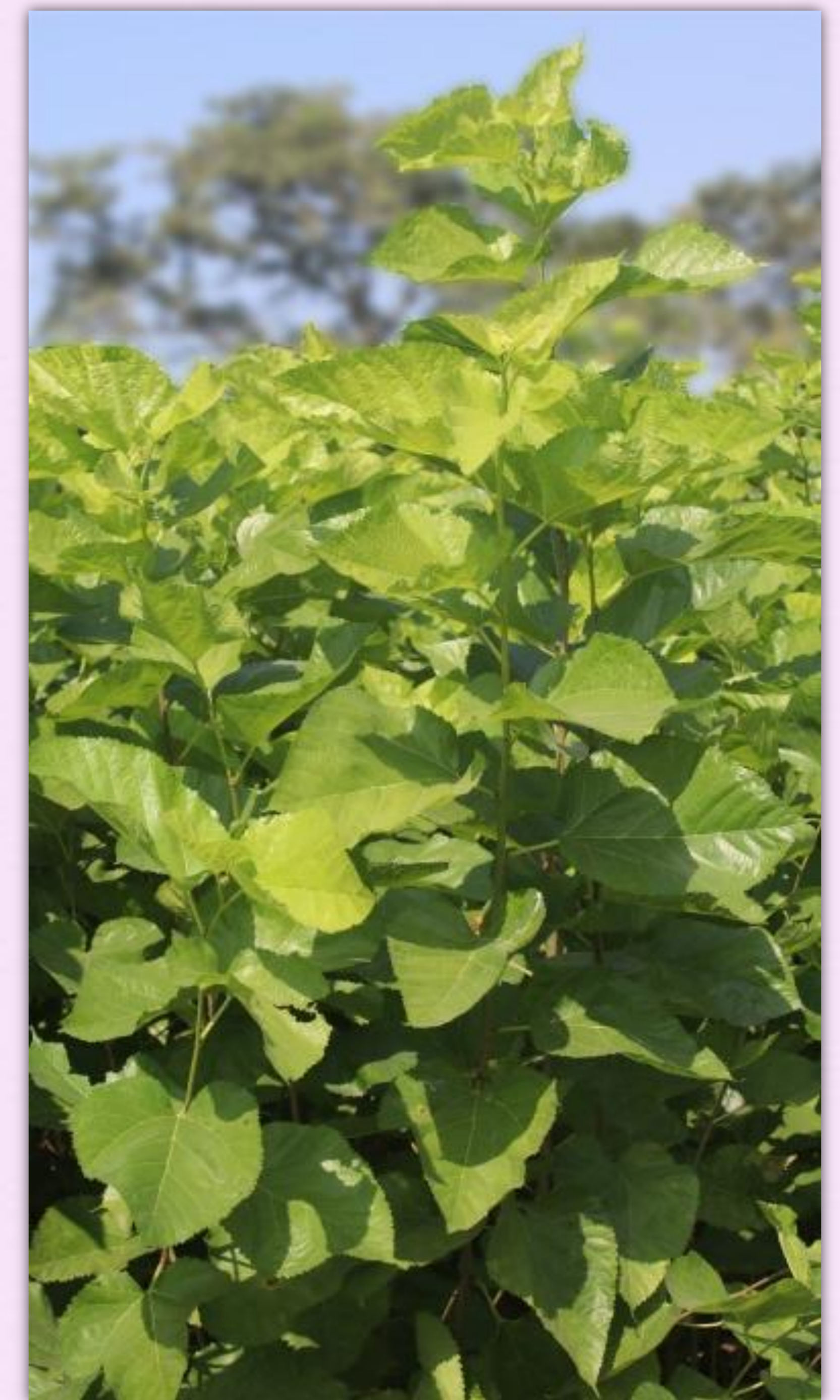
A High Yielding Mulberry Variety for Irrigated Conditions

GANGA (C-1360)

- High leaf yielding mulberry variety for cultivation under irrigated conditions of West Bengal
- Leaf yield potential is 57 MT/Ha/Year in five-crop schedule, significantly higher than S-1635 (45) & C-2038 (55)

Key Features

- ✓ Resistant to powdery mildew
- ✓ Moderately resistant to leaf rust & bacterial leaf spot
- ✓ Higher leaf thickness
- ✓ High rooting ability (80-83%)
- ✓ High regeneration efficiency (10-16 days after pruning)
- ✓ Rapid sprouting after pruning/leaf harvest (98% @ 30th day)



Leaf Features	
Leaf Texture & Colour	Smooth
Colour of Tender & Mature Leaves	Light Green & Deep Green
Leaf Tip & Bottom Shapes	Acuminate & Cordate
Leaf Size (cm ²)	242 - 256
Single Leaf Mass (g)	4.46 - 4.55
Specific Leaf Area (m ² /Kg)	19.8
Shoot Features	
Texture of Shoot Surface	Coarse
Shoots/Plant (no)	8-11
Nodal Distance (cm)	3.7
Lenticel Density	Medium
Shape of Winter Bud	Triangular

Package of Practices	
Spacing	60 cm x 60 cm
Manure (FYM)	20 tonne/ha/year in two split doses
Chemical Fertilizers (N:P:K)	336 : 180 : 112 kg/ha/year in five split doses
Pruning	5 times per year after each harvest
Irrigation	1.8 acre inch during Nov-May at an interval of 15-20 days

Season	Leaf Yield (Kg/Ha)
Falguni (Jan-Feb)	10485
Baishakhi (March-April)	11215
Shravani (June-July)	12150
Ashwina (Aug-Sep)	11855
Aghrayani (Oct-Nov)	11360

Silkworm Rearing Performance (N x SK 6.7)				
Variety	Cocoon Yield (kg)/100 dfls	Cocoon Wt. (g)	Shell Wt. (g)	Shell Ratio (%)
Ganga	63.5	1.85	0.36	19.4
S-1635	62.3	1.84	0.35	19.0

Variety is currently being evaluated under All India Co-ordinated Experimental Trial (AICEM-IV)

