

Crop Cover Project Profile

Product Brief

In the field of Technical Textiles, agriculture is one of the end use sectors of national interest. In the agricultural arena various textile base products are used, some are general purpose industrial application products and some are specialized structures exclusively designed for agricultural applications (Agro textiles). Crop cover is one of the most popular products in India. Crop cover is used in horticulture, floriculture, green house/poly house and farming arena to protect plantation from the frost, wind and insect attack etc. in order to ensure healthy plant growth and good harvest. Crop cover is made-up of Polypropylene polymer. It is developed through spunbond nonwoven technology. Appropriate UV stabilizers are incorporated in base polymer so as to impart Ultra Violet stability property to the Crop cover.

Sr. No.	Particulars	Details
1	Product	Crop Cover/Frost Cover
2	Technology	Spunbond Nonwoven
3	Raw material	PP (UV Stabilised)
4	Product type	GSM:17, Width:1.6m
5	Process sequence	Polymer → filament extrusion → Thermal Bonding → Winding
6	Fixed Capital	₹ 821 Lakh
7	Working Capital at full capacity	₹ 402 Lakh
8	Production per annum	1546646.40 Kg
9	Sales value	₹ 2400 lakh (₹ 160/kg)
10	COGS, SG&A & Depreciation and other expenses	₹ 1966 lakh
11	EBIT	₹ 434 lakh
12	Net Profit	₹ 230 lakh
13	Break Even %	28 %
14	I.R.R.	23%
15	NPV	₹ 2898 lakh
16	Return On Investment	18%
17	Simple Payback Period	4.1 yr
18	Discounted Payback Period	5.2 yr