

CLIMATE SMART AGRO TEXTILE DEMONSTRATION CENTRE

4211. SMT. POONAMBEN HEMATBHAI MAADAM:

Will the Minister of TEXTILES वस्त्र मंत्री
be pleased to state :

- (a) whether the Government has launched a climate-smart agro textile demonstration centre in Gujarat;
- (b) if so, the details and objectives of the centre and its intended benefits to the textiles;
- (c) the details of the key agro-textile technologies being demonstrated at the centre; and
- (d) whether the centre is equipped with technologies to track real time conditions, crop yield and growth performance and if so, the details thereof?

उत्तर
ANSWER
वस्त्र राज्य मंत्री (श्री पबित्र मार्घेरिता)
THE MINISTER OF STATE FOR TEXTILES
(SHRI PABITRA MARGHERITA)

(a) & (b): The Government has launched a Climate-Smart Agro-Textile Demonstration Centre at Navsari Agricultural University, Gujarat, on 21st December 2024. The Centre is maintained by Synthetic and Art Silk Mills' Research Association (SASMIRA) to promote sustainable agro-textile applications through live demonstrations, farmer training, and awareness programs. Its objective is to boost productivity, reduce costs, enhance climate resilience, and encourage sustainable farming. It also aims to increase domestic demand for technical textiles, strengthen market linkages, and improve competitiveness in both domestic and export markets.

(c): The centre includes applications of Agro-Textile technologies such as Shade Nets, Mulch Mats / Ground Covers, Crop Covers / Floating Row Covers, Anti-Hail Nets, Bird Protection Nets, Insect Nets, Fishing & Aquaculture Textiles, Pond Liners, Turf Protection & Erosion Control Mats, Geotextiles for Water Conservation.

(d): The demonstration center is equipped with IoT-based monitoring systems to track real- time conditions, such as soil moisture, temperature, humidity, crop yield, and growth performance.
