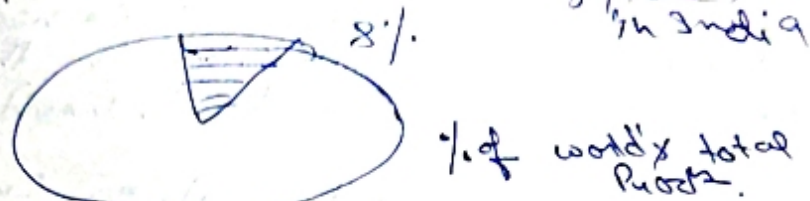
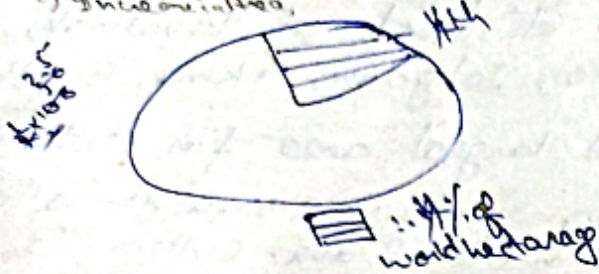


COTTON

Introduction - Cotton is the most imp. fibre crop of India. It is considered to be an indigenous plant of India. India has the largest area in the world under cotton cultivation i.e. 1/4th of the world hectareage. She produces, ^{4th largest} about 8% of the world's production.

1) Area in India, 2) Situation of cotton.

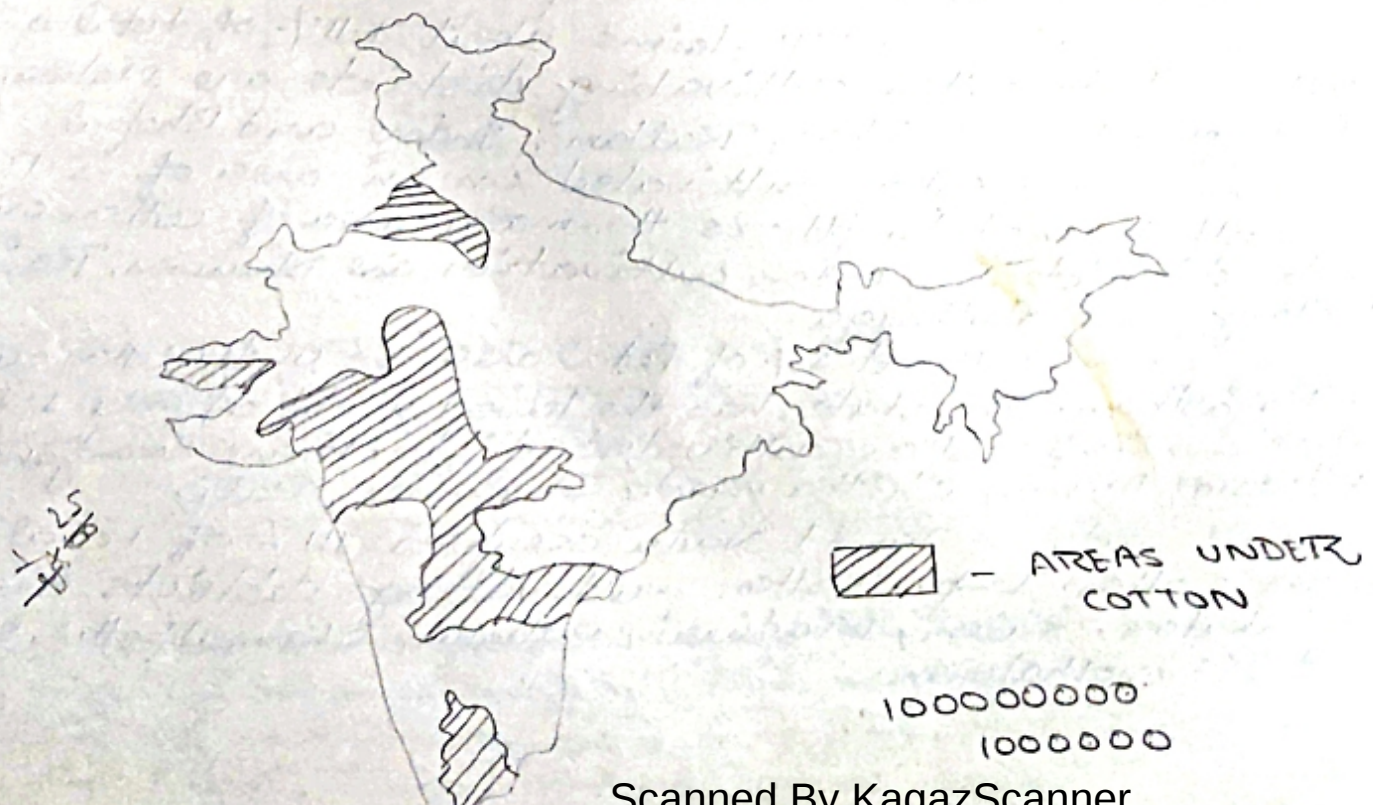


5% area in India

⇒ Conditions of Growth of Cotton IN INDIA

- 1) Temperature → Cotton is the crop of tropical & sub-tropical areas & requires uniformly high temp. varying between $21^{\circ}\text{C} - 30^{\circ}\text{C}$.
- 2) Rainfall → The modest requirement of water can be met by an avg. annual rainfall of 50-100cm. It is successfully grown in areas of lesser rainfall with the help of irrigation.
- 3) Soil → Deep black soils of Deccan & the Malwa pl., alluvial soils of the Satluj-Ganga Plain & red & laterite soils of peninsular region are best suited for cotton.
- 4) Labour → Picking of cotton required a lot of cheap & efficient labour specially women.

⇒ DISTRIBUTION OF COTTON IN INDIA



In India, cotton is grown in 3 distinct agro-clones viz Northern (Punjab, Haryana & Rajasthan), Central (Gujarat, Maharashtra & M.P.) and Southern zone (Andhra Pradesh, Tamil Nadu & Karnataka).

⇒ STATE-WISE DISTRIBUTION OF COTTON

1. **Maharashtra** → Maharashtra occupies the largest area under cotton cultivation. It is nearly 36.52% of total area. Cotton is mainly cultivated in the districts of Yavatmal, Nanded, Amravati, Parbhani, Wardha, Jalgaon, Akola, Buldhana, Nagpur, Dhule etc.
2. **Gujarat** → Gujarat occupies 2nd largest area for cotton cultivation of about 21.33%. The avg. yield is 1.8 quintals/hectare which is almost the same as the national avg. Cotton is mainly cultivated in the districts of Bharuch, Surendranagar, Vadodra and Ahmedabad.
3. **Andhra Pradesh** → Andhra Pradesh accounts for nearly 10.47% of total cotton cultivated area. Two-thirds of the cotton is mainly cultivated in two districts of Guntur and Prakasam. Adilabad, Kurnool and Anantapur contribute the rest.
4. **Punjab** → Punjab has the distinction of giving highest yield of 4.1 quintals/hectare and also cultivates some of the best qualities of cotton in India. Punjab occupies 5.86% area under cotton cultivation. Imp. cultivating districts are Sangrur, Ludhiana, Muktsar, Moza, Mansa and Fatehgarh. Malwa region is the most imp. one.
5. **Haryana** → Haryana accounts for nearly 6.77% of total area under cotton cultivation. 80% cotton is mainly cultivated in the districts of Hissar, Sirsa and Fatehabad. Bhiwani, Jind, Rohtak and Ambala are other imp. ones.
6. **Madhya Pradesh** → MP claims about 7.11% of total area under cotton. Imp. cotton cultivating districts are Malwa, Ujjain, Shajapur, Dewar, Dhar, Ratlam, Indore and Bhopal.
7. **Karnataka** → Cotton cultivated on an area of 5.13% of total. The north Karnataka pt. is the main area of cotton cultivation. Imp. districts of cotton cultivation are Dharwad, Raichur, Bellary and Gulbarga.
8. **Rajasthan** → About 5% of total area is under cotton cultivation in Rajasthan. The state has the lowest yield of only 1.1 quintals/hectare. Imp. cotton cultivated districts areanganagar, Bhilwara, Ajmer, Chittaurgarh, Jhalawar, Pali.
9. **Tamil Nadu** → Tamil Nadu occupies 11% of total area under cotton. Imp. cotton cultivating districts are - Coimbatore, Salem, Madurai, Vallalar, Chengalpattu, Smet and Ramnathapuram.