Tomato Agriculture in India

1. Major tomato growing areas – **Karnataka (**Kolar, Bangalore, Bellary, Dharwad, Belgaum**)**
2. **India** is the second largest **producer of tomato** in the world.
3. Tomato season is throughout the year.
4. Tomato is the **third** most important crop in India.

Weather conditions

* Warn conditions
* Planted in march/April and harvested in late summer.
* Peak season – Jan/Feb and Nov/Dec
* Development harmed by heavy rainfall
* Can’t withstand high **humidity and high frost**
* **Temperature –** 21-24 degree Celsius
* Temperature above **32 degrees Celsius** not desirable
* **Below 14 degree Celsius** not desirable

**Soil needed –** Loamy soil, rich in humus

**Fertilizer need –** NPK in the ratio 8:32:16 and 12:24:12 (**Higher P value)**

**Soil PH –** 5.5 – 7.5

**Major tomato diseases:**

* **Bacterial Wilt** caused by high soil moisture
* **Bacterial stem and fruit canker:** Soil temperature of around 28 °C, high humidity, moist weather

Most plant viruses caused by abrupt rainfall followed by extreme heat.

**Heavy rain** causes tomato **split**  that allows pests to feed on the insides.

Tomatoes can survive a bit if the **soil dries up** but not if the soil is saturated.