



-accelerates absission in flowers in alante doesn't occur naturally and funts (thirming of Cotton) in plants (hevry, Walnut) promotes fimale flowers in Cucumbers. → 3 eatin - naturally occur in Corn Kernels and Coconut milk. -> Synthesised in areas of rapid cell 17) Abscisic Acid (released in strus. ful condition). division, eg - root apex, shoot buds, Inhibitor B, Abscission I and Young puits. Dormin are all abscisic a. - produce new leaves, chloro plasts, - Rale in regulating abscission and lateral shoot growth, adventitions shoot dormacy. > Inhibitor of growth and metabolis, -> Over Come Apical Dominance. - promote nutrient mobilisation, > Inhibt seed germination. >Stimulates closure of Stomata helps in delay of leaf senescence. (16) Ethylene (Gaseous hormone) -> Stress Hormone. -> Seed development, maturation - Cousins confirmed release of and dormacy. Volatile substance from superied Oranges that hastened the ripening (18) Photoperiodism site of perception of light is leaves to light to induce flowering -> Synthesised in large amount by tissus undergoing senescence and supering puts. → Triple Response - OHorizontal Growth

@Swelling of axis. Shout day plants long day plants Require exposure of → require exposure 3) Apical hook formation. light for less than exceeding a well defined critical duration. defined critical promote Senescence and abcission in plant Organs. period. Respiratory Climatic Rise in rate of respiration during supering of fruits. photoperiod - Breaks bud and Seed dormay. Initiate germination in peanut Day neutral plants - No cordation Seeds, sprouting of potato tubers. b/w exposure to light and flowering in deep water water sice plants. 19) Vernalisation - Winter → Root growth and root hair formation - Some plants require exposure to low temp (quantitatively or qualitatively) for flowering → Initiate flowering and synchro-nising fruit set in pineapple. eg - Biernial plants - Sugarbeat, → Induces flowering in Mango Cabbage, Carrot. (2 year) -> Ethepon (aqueous Solution) - Winter varieties of wheat, -> Hastens funt supering barley, suje

Seed Dormancy.

-> Certain Seeds fail to germinate, even when external conditions are favourable.

-> due to presence of Chemical Inhibitors like ABA, phenalica,

para-ascorbic à:

- Hard Seed Coats.

> Dormancy can be Overcome by->

-> Sead coat broken by mechanical abrasions.

-> Chilling the Seeds.

- application of gibberllic à and nitrates.

-> Changing light and temp.

NEET SLAYER

# Tomato --- like white Colowred albinos:.

(dark room) Kese hua ..?

Etiolated.







