

Indo Israel Avocado

- Harshit Godha

Why Avocados?

- Nutritional benefits – high in Micro nutrients & Healthy fats
- Commands a premium in the market
- Instagram friendly



Climatic requirements for Avocados

- Sub tropical climate
- Hass – 5-35 degree Celsius
- Other varieties – 5- 45 degree Celsius

- Not advisable for locations where temperature doesn't go below 18 degrees (tropical climate, example some parts of Kerala)
- Not advisable for location where temperature goes above 45 degrees (arid climate, example some parts of Rajasthan)

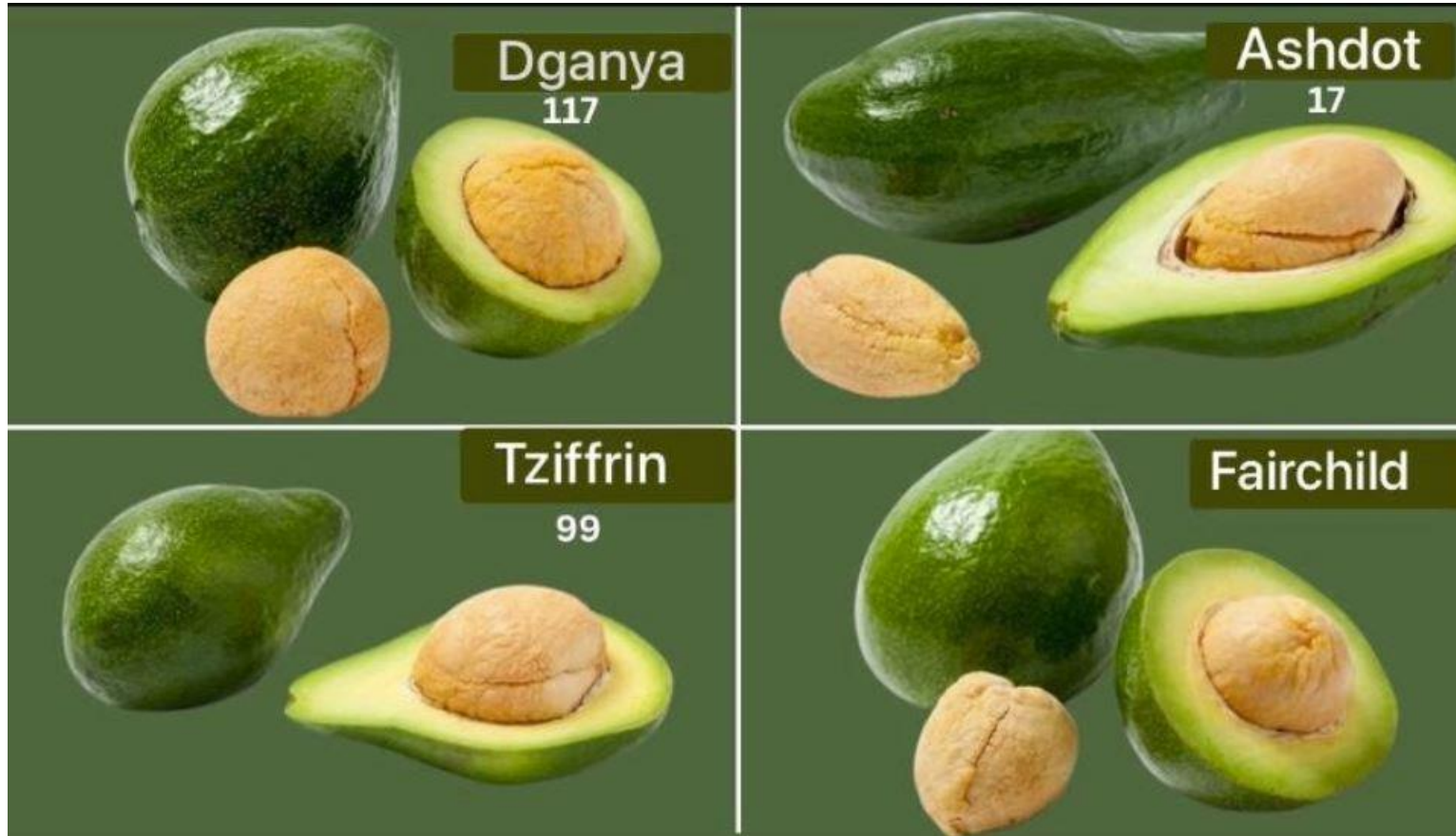
Soil Type

- EC – less than 2
 - Ph – 6-8
 - Sodium Absorption Ratio – below 4.5
 - Chloride – below 300 ppm
-
- Texture – can be grown in variety of different soil types if the right Rootstock is chosen

Avocado Varieties



Avocado Rootstocks (Why Israel?)



Indo Israel Avocado Nursery

- Hydroponic nursery
- Planting material from Israel
- 1.5-Year-old plants
- 3-4 ft height
- Thick shoots
- Developed roots



Indo Israel Avocado Orchards

- 3.5m tree to tree
- 7m row to row
- 170 plants per acre
- Planted on raised beds to avoid water stagnation
- 2 drip lines per tree
- Weed mats
- Basal dose at the time of planting
 - Bio Char with controlled release fertilizer



Fertigation

- Indo Israel Avocado Fertigation Course
- Expert lectures from Israeli experts
- Hinglish lectures and practical tips
- Downloadable PDFs
- Case studies
- www.indoisraelavocadocourses.com

Precision Fertigation for Avocado Farmers



Pest & Disease Management

- Phytophthora cinnamomi - Oxathiapiprolin
- Anthracnose – Copper Hydroxide, Azoxystrobin & Prochloraz
- False codling moth



Figure 1: Pinkerton fruit affected by Anthracnose, photo by Harshit Godha, 2024



Figure 2: False codling moth in Himachal Pradesh



Figure 2: Phytophthora root rot

Profit & Loss

Costs -

- Fixed costs – 5-6 Lakhs Rs per acre
- Variable costs – 50-60 thousand Rs per acre per year

Revenue -

- 6 tons per acre (2-year average)
- 200 Rs per kg wholesale rate
- Net Profit - 9-10 Lakhs Rs per acre

Thank You

