



Vegetable Grafting



KUBOTA LAB
Controlled Environment Agriculture



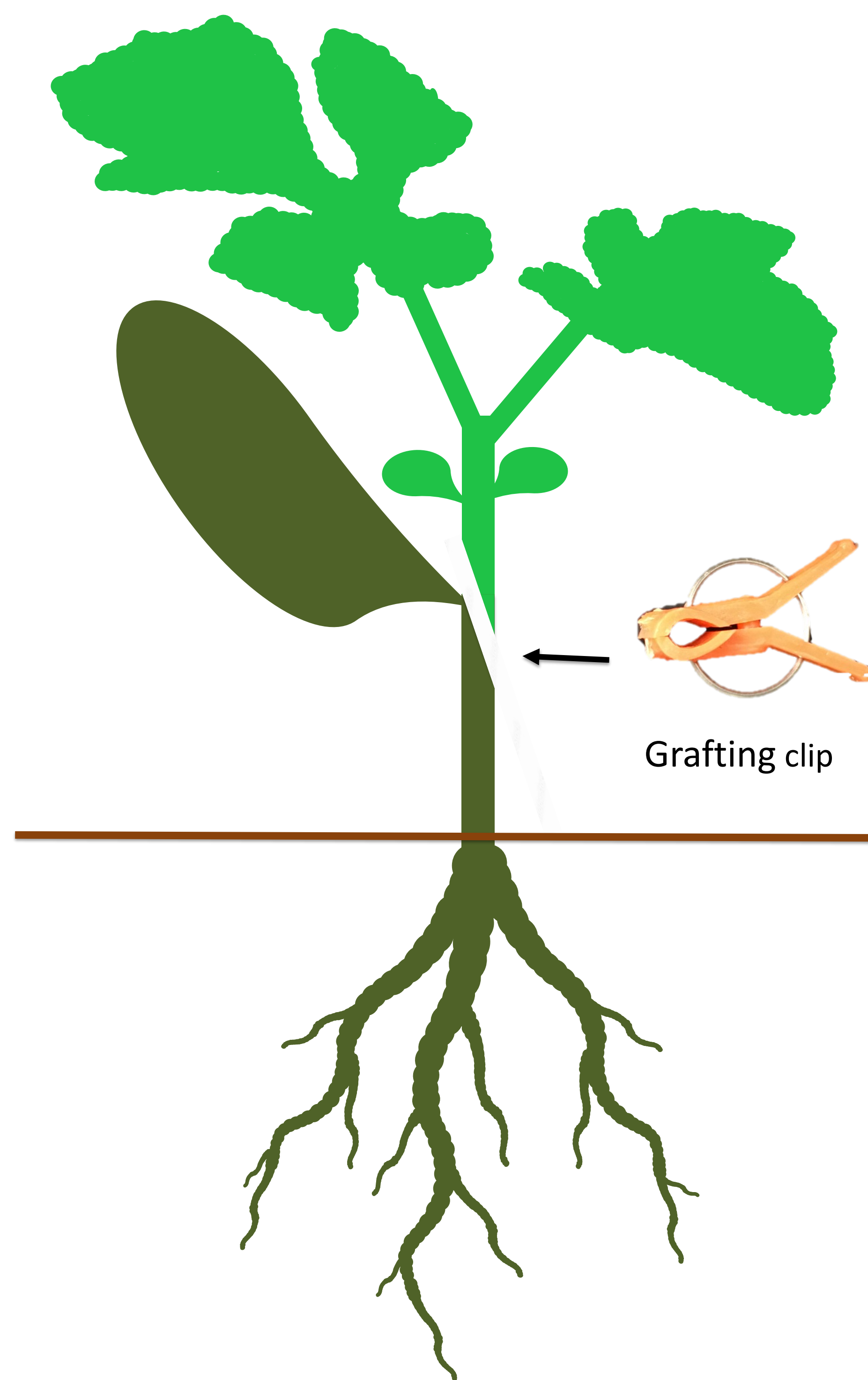
What is grafting?

- Surgical combination of 2 plants
- “Frankenstein” plants
- Receive beneficial traits of both parts

Why Graft?

- Increased yield
- Disease resistance
- Improved nutrient uptake
- Environmental stress tolerance
 - Drought
 - Salinity
 - Flooding
 - Chilling
 - Heat

Scion (shoot system)



Rootstock (root system)

Common scions



Common rootstocks



Wild tomato



Bottle gourd



Wild eggplant



Squash/pumpkin



Wild watermelon