

About Tomato Rootstock

How to Choose Rootstock

Root spread (3 patterns)

★ Shallow Root

Resistance to Bacterial Wilt

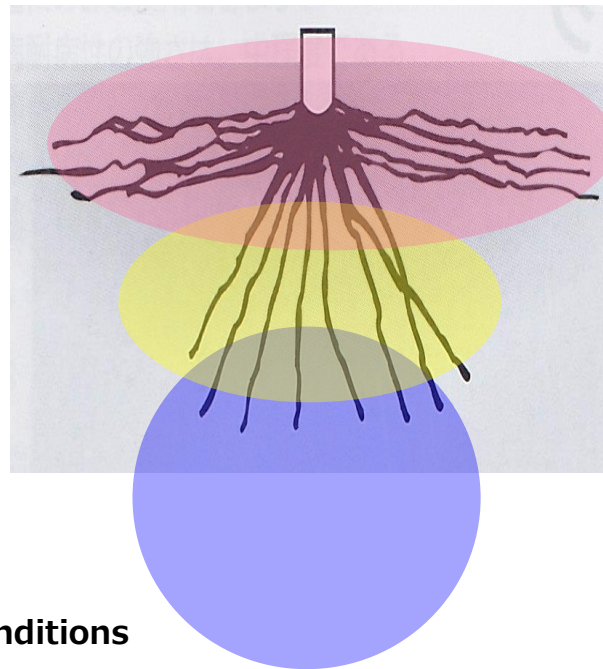
★ Mid Root

Resistance + vigor

★ Deep Root

High vigor

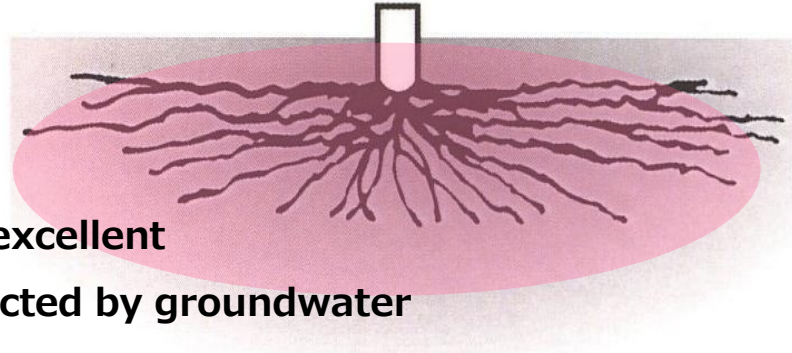
Plant vigor under low temperature conditions



★ Shallow Root

More thin roots

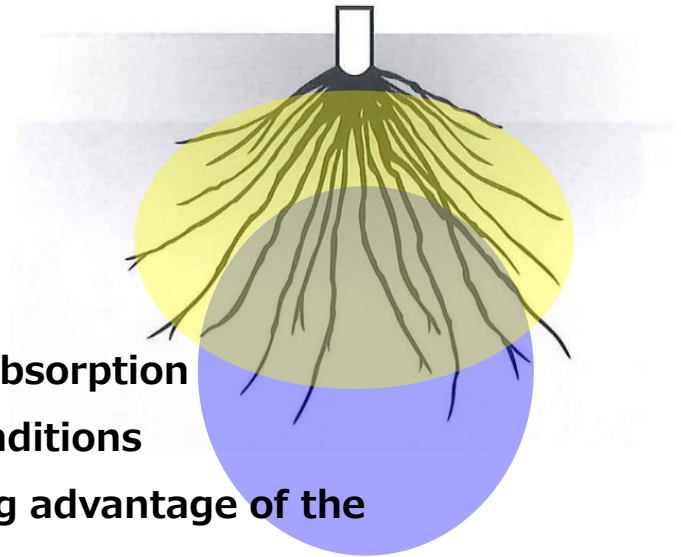
- Fast reaction to water and fertilizer
- Regeneration of roots is quick and excellent
- Less thick (deep) root is not as affected by groundwater
- Less vegetative growth from rootstock, easily managed



★ Mid-Root ★ Deep Root

More mid-deep roots

- Excellent balance between water and fertilizer absorption
- Excellent plant vigor under low temperature conditions
- Easy to control irrigation with a drip tube, taking advantage of the characteristics of the thick and hard to damage roots



Concept of Rootstock selection

Rooting method (Root zone pattern)

★ **shallow**

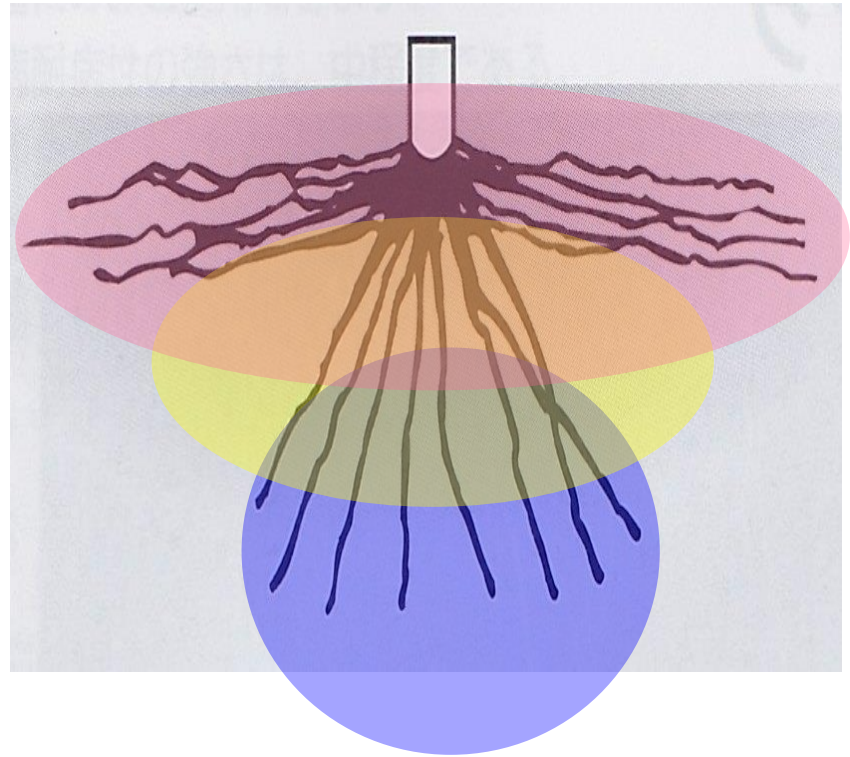
Forte, Bravura

★ **Mid**

High Power, Tenacity

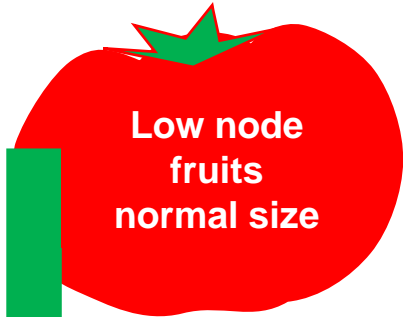
★ **Deep**

Reliance, Booster



Shallow Planting

For long term



Low node
fruits
normal size

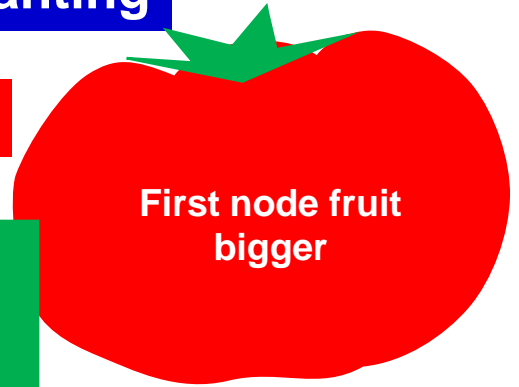
“Early Growth”
Slow

Heavier
root mass



Deep Planting

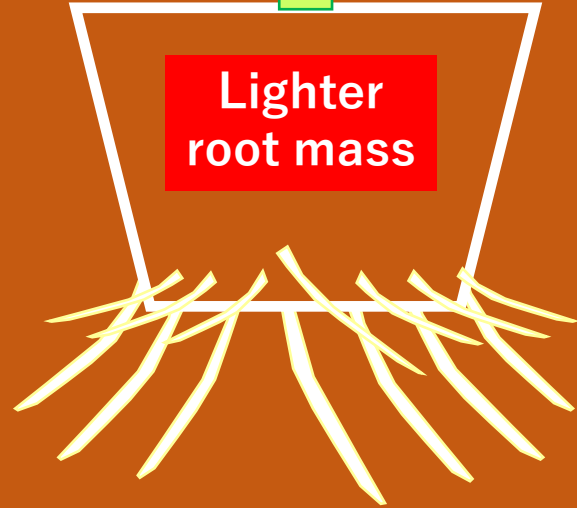
For short term



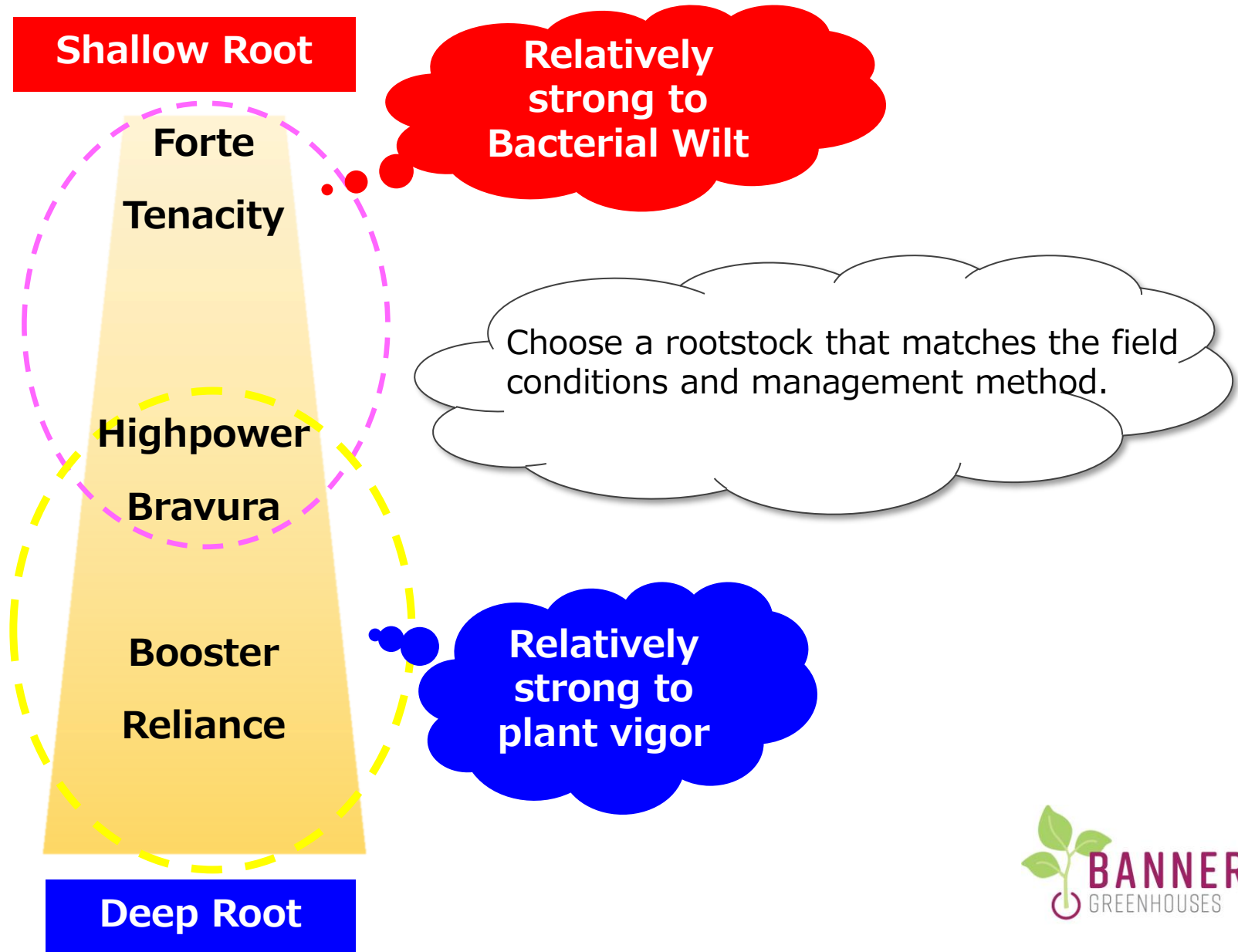
First node fruit
bigger

“Early Growth”
Fast

Lighter
root mass



How to select rootstock



Countermeasure Bacterial Wilt

Strong Resistance to Bacterial Wilt rootstock

Strong Vigor rootstock

Reduces absorption of bacteria and bacterial wilt less likely

