

Grafting Class Outline

Nate Bremer...Solaris Farms

- 1) Introduction of presenter and participants.
- 2) What to expect (one or two grafted plants that will need to be healed at home).
- 3) Grafting terminology:
 - a. Terminology
 - i. What is a nurse root?
 - ii. What is a scion?
 - iii. Materials
 - iv. Lutea hybrids, rockii hybrids, suffruticosas-their characteristics.
- 4) Two parts
 - a. Grafting scion to nurse root
 - b. Healing
- 5) Nurse root collection and preparation
- 6) Scion preparation and collection
- 7) Grafting
 - a. Cutting the nurse root
 - i. Cut top
 - ii. Cut for scion reception
 - b. Cutting the scion
 - i. Two strokes
 1. Length of cut
 2. Characteristics of a good surface vs. a poor surface
 - c. Joining scion with the nurse root
 - d. Evaluating the scion-nurseroot union
 - i. Scion fit into nurse root
 - ii. Scion-nurse root contact
 - e. Budding strip (rubber band)
 - i. Reason for strip
 - ii. Application skill
 - f. Parafilm or nursery grafting tape.
 - i. Characteristics
 - ii. Reason for Parafilm
 - iii. Application skill
 - g. Storing the graft before healing
- 8) Healing the graft
 - a. Two methods
 - i. Open Field or Garden
 1. Bed preparation
 - a. Warming

- b. Soil dampness
 - c. Tilling
 - 2. Planting
 - a. Soil conditions and further preparation
 - b. Depth and spacing of grafted plants
 - c. Covering with plastic and mulching in warm conditions
 - 3. Two weeks of healing
 - 4. Remove plastic barrier after two weeks
 - 5. Reapplying plastic barrier for winter
 - 6. Spring removal of barrier
 - 7. Expected results and after care
 - ii. Indoor healing
 - 1. Materials
 - a. Damp coarse or beach sand (reason for using this material vs. others)
 - b. Cat litter box or other flat pan (4 to 6 inches in height)
 - c. Seed starting mat
 - d. Thermo-controller for mat
 - e. Plastic bag
 - 2. Procedure to for healing with above materials
 - a. Preparation of mat and controller
 - b. Filling the pan to receive grafts
 - c. Placing and burying grafts in pan/sand
 - d. Bagging the grafting pan
 - e. Monitoring temperature and moisture
 - 3. After care of healed grafts
 - a. Planting in containers
 - b. Caring for them through a season
 - c. Planting in fall
- 9) Removal of budding strips/Parafilm upon digging and planting grafts to a final location
- 10) Questions, summary and discussion.