

Procedures for Harvesting tissue for Genotyping with SolCAP

Supplies:

- Vinyl mesh (not metal) screen from local hardware store cut in plate size rectangles
- Rubber bands
- Sharpies
- Deep 96-well plates (Fisher part# 14-387-90)
- 1 quart Ziploc bags
- Silca: Fisher part# s161-212

Procedures

1. Label plate with year, initials, plate# on 2 sides with sharpie
2. Create plate map in excel. A1 to H12
3. Include 2 controls (parents) in each plate in wells A1 and A2
4. Harvest in plates leaf sizes no larger than 1 quarter (see photo)
5. Cover with vinyl screen and secure with 4 rubber bands (2 width and 2 lengthwise).
6. Add 1 tablespoon silica in ziploc bag, add plate and seal.
7. Place in secure box and ship overnight (FEDEX preferred) to the address below
8. Send shipping# *and* plate map to Allen to track.



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Fig.1 Photo indicating size of tomato leaf to sample.