

**PSI Field Day**  
**Cornell University**  
Ithaca, NY  
September 5, 2002

**Introduction:**

This year the PSI field day was held at the Thompson Vegetable Research Farm in Freeville, NY and the Plant Breeding Research fields in Varna, NY. Demonstration and evaluation plots of specialty crops were shown, as well as, new public varieties being developed (including open-pollinated varieties) that will aid organic growers. New disease resistant tomatoes, extremely tasty melons, and powdery mildew resistant winter and summer squash were all showcased. In addition, a demonstration was given of the Mobile Seed Processing Unit.

**Thompson Vegetable Research Farm (Freeville, NY):**

Schedule:

9:00 am .....OP Field Corn – Margaret Smith  
9:15 am .....Cornell Curcurbits – Mark Henning, George Moriarity,  
and Molly Jahn  
10:00 am .....Cornell Tomatoes – Ed Cobb  
10:10 am .....Move to specialty crops – greenhouse plot  
10:25 am .....Specialty Crops – Anu Rangarajan  
10:45 am .....Move to cemetery plot  
11:00 am .....Specialty Crops – Anu Rangarajan  
11:20 am .....Move to Organic Research Land  
11:35 am .....Update on Organic Research Land – Anu Rangarajan  
11:50 am .....Move to Thompson Lab  
12:05 pm .....Mobile Seed Processing Unit Demonstration – USDA  
12:35 pm .....Lunch  
1:35 pm .....Drive to Varna Farm

**Vegetable Breeding Training Workshop**

This was a continuation of the training done last March at Cornell. This offered continued opportunities for people to learn more about how to breed their own vegetable varieties. They looked at different methods of breeding cucurbits in the field and there were many opportunities to look at some tomato breeding, in depth.

Schedule:

2:00 pm .....Pumpkins and Butternut Squash  
2:40 pm .....Cucumbers  
3:10 pm .....Breeding History of Cornell's Bush Delicata  
3:45 pm .....Insect resistance in tomato, late and early blight

**Pictures:**



Workshop attendants looking at organic tomato plots.



Larry Robertson (USDA-ARS, PGRU), Joanne Labate (USDA-ARS, PGRU geneticist) and Michael Glos (NOFA – NY) discussing tomato production.



Dave Sharman (USDA-ARS, PGRU) demonstrates cleaning bean seed with the air column while showing the Mobile Seed Processing Unit.



Dave Sharman (USDA-ARS, PGRU) demonstrates the Mobile Seed Processing Unit.

