

Penn State Cooperative Extension 2005 Tomato Variety Trial
Washington County, Trax Farms
Roma Tomatoes

Trial Notes:

Seeding Date—4/20/05
Transplant Date—5/19/05

Plants were grown in plastic-mulched raised beds. The season was characterized by above-average temperatures and below-average rainfall. An irrigation system failure early in the season resulted in two weeks of drought stress, which, combined with weather, contributed to high incidence of blossom end rot and other physiological disorders. Data are averages of three replicate plots and six harvest dates.

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Varieties Evaluated:

ACR 312 XLT, *Abbot and Cobb*
ACR 374, *Abbot and Cobb*
Capaya, *Seminis*
Mariana, *Seedway*
Plum Crimson, *Harris Moran*
SVR 0153-3677, *Seminis*

ACR 374, *Abbot and Cobb*.

Yield: 9.8 lbs/plant; 3.6 fruit/
pound, 24% blossom end rot.
Large fruit size; medium sized
plant held up well to disease.
Good red internal color.

Capaya, *Seminis*. Yield: 7.9 lbs/
plant; 3.7 fruit/pound, 34% blossom end rot. Very large fruit; tall plant held up well to disease. Latest maturing variety in trial.



ACR 312 XLT, *Abbot and Cobb*.

Yield: 11.7 lbs/plant; 4.8 fruit/pound, 9% blossom end rot. Earliest maturing of the tested varieties. Small rounder fruit, less pleasing appearance.



Mariana, *Seedway*. Yield: 10.8 lbs/plant; 3.8 fruit/pound, 24% blossom end rot. Medium-large fruit; smaller plant.



Plum Crimson, *Harris Moran*. Yield: 13.1 lbs/plant; 4.2 fruit/pound, 6% blossom end rot. Medium fruit; shorter plant. Excellent internal color. Best plum variety overall in this trial.



SVR 0153-3677, *Seminis*. Yield: 11 lbs/plant; 5 fruit/pound, 25% blossom end rot. Smaller fruit; shorter plant.

