



TOMATO Observation Form for Seed Library Grow-Outs

Thanks so much for taking good observations – it is so helpful to know a bit about the varieties we’re protecting in the Seed Library. This allows us make good matches with future growers too!

Variety name _____

Observer name & email address _____

Location (town/province) _____

Basic site description (soil type, zone etc) _____

DATES– please make note of these throughout the season:

Date when you sowed the seeds _____

Date when you transplanted the seedlings _____

Date when 1st tomatoes were ready to harvest _____

Date when the first flowers opened? _____

Date when you harvested fruit for seed _____

POPULATION COUNTS – please track these throughout the season:

Initial Population size How many seeds did you sow in total? (Please sow all that we sent you) _____

Germination rate What percent of the seeds germinated? _____

Transplanted population How many plants did you transplant into your garden _____

Plants removed How many plants did you remove because weak, diseased or off type? _____

Plants died How many plants died of other causes? _____

Cross-Pollinating population How many plants remained at time of flowering? _____

Final Population How many plants did you harvest seeds from at the end of the season? _____

****Please collect seeds from at least 1 fruit of every plant remaining, then mix the seeds.
This is important to protect genetic diversity****

OBSERVATIONS:

At each stage, remove any plants that are distinctly different (ie off types) than the majority

What type of plant is this tomato?

- dwarf (very short)
- determinate (about 2-3 feet tall, produces one main crop of fruit then mostly stops growing, little if any side growth, usually don't need much support)
- semi-determinate (about 3-5 feet tall, some slow side growth, grow well on short stakes)
- indeterminate (continuously grows long vines with new flower clusters until frost, widely-spaced branches and lots of side shoots, needs staking)

Any comments on how aggressively it grew and suckered? _____

What type of leaf does this variety have? Regular Potato Rugosa

What colour are the flowers? white yellow orange other

What shape is an average fruit, viewed from the side?



flattened



slightly flattened



round



high rounded



heart-shaped



cylindrical

pear-shaped



plum-shaped (oval)

other

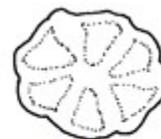
What shape is an average fruit, sliced in cross-section?



round



angular



irregular

How would you describe the size of the fruit? Large Med Small Cherry

How much does an average fruit weigh? _____

What is the exterior colour of the fruit? green yellow orange pink red other _____

What colour is the interior flesh? green yellow orange pink red other _____

How firm is the flesh? soft intermediate firm

How uniform is fruit size within a plant? Various fruit sizes Slightly different sizes Very uniform

Choose which categories best describe the variety: slicer paste/canning saladette cherry grape cluster

Are there any signs of disease on the plants or fruit? No Yes (incl description below, and photo if possible)

Please rate this variety on the following characteristics on a scale from 1 (very poor) to 5 (excellent)

Productivity	1	2	3	4	5
Flavour	1	2	3	4	5
Disease resistance	1	2	3	4	5
Uniformity (size, shape, growth habit, colour)	1	2	3	4	5
General appeal	1	2	3	4	5

Would you want to grow this variety again? Yes No

Please list any pros/cons related to growing this variety.

Pros

Cons

Any other things worth noting? How would you describe it overall? Anything stand out?