Tomato detached leaf protocol

1. Find your plant and place on bench.
2. Record plant phenotypes [SEE BELOW].
3. You will select a total of 5 leaves per plant, and 2 pairs of leaflets per leaf.
   1. Choose a fully-expanded leaf with at least 5 expanded primary leaflets
   2. Avoid leaflets with damage
   3. Avoid most basal 2 leaves
   4. If less than 5 suitable leaves are available, use the next-best leaf as number 5.
4. For each leaf, cut from the plant at base of petiole.
5. One at a time, cut 4 leaflets from the leaf at the base of the leaflet. Place each leaflet directly on agar in order [SEE LEAFLET ARRAY SHEET].
6. Repeat this for each leaf.
7. If there are not enough suitable leaflets, skip those slots.
8. If there are not enough suitable leaves, skip those slots.

Phenotypes:

* Flowering (0= no, 1= buds, 2= open flowers)
* Leaf number (> 3” in length)
* Disease across plant (0 – 100 % of leaflets display damage)
* Trimmed (yes or no, stalk was cut prior to leaf sampling)