Tomato Management Checklist

1. Wear gloves at all times to limit your exposure to irritants
2. Note any plants with wilting leaves or dry soil (lightweight pot or looks dry on the surface
   1. Water each of these with fertilizer water
   2. Make sure the pot is upright and drip system is inserted
3. Note any plants that are tilting/ fallen
   1. Re-stake and tie these as needed
   2. Prune any long branches not bearing fruit
   3. Tie side branches to main stake as needed
   4. Move pot into secured circular pot if needed
4. Pollinate all plants
   1. Shake-pollinate all but the fasciated flowers
   2. Hand-pollinate the fasciated flowers with dissecting needle or small spatula
   3. Ethanol-sterilize your tools between each plant
5. Prune all plants
   1. Check whether plant has at least 2 fruiting branches
      1. If not, prune lightly, only enough to keep plant from toppling over. Remove tall branches and very long side branches
      2. If plant is fruiting, prune aggressively (see below)
   2. Clip off all new secondary branches (emerging from leaf bases)
   3. Clip off any old, diseased leaves or leaves shaded >70%
   4. Clip off any large branches which are not bearing flowers or fruit
   5. Clip off any branches that extend far from the plant and are not bearing flowers or fruit
   6. DO NOT clip more than 50% of the plant in one week
6. Make note of anything unusual
   1. Do you see any unfamiliar disease symptoms?
   2. Insects or insect damage?
   3. Damage to fruits?
   4. Plants which are very overgrown and you need help pruning?
   5. Plants which are dead or dying?
   6. Contact me (Nicole!) with any concerns
7. Bundle all clipped leaves and branches and place them in the dumpster outside greenhouse
8. Wash hands, arms, and scissors after leaving greenhouse
9. DO NOT go back to growth chambers or other plant facilities after visiting the greenhouse