

Gardening Notes for July 2023

Finally, the hazy, lazy days of summer have arrived – something many of us longed for during the chilly days last winter! The temperatures are warm and the days are long, yet the rain has been shy to appear! The heat and humidity have certainly returned too, so try to garden during the cooler temperatures of the early mornings and evenings. Keep records on daily temperatures and rainfall, since summers' heat and night-time temperatures impact a plant as much as winters' cold. Always remember to wear a big hat, apply ample sunscreen to exposed skin and drink plenty of water while you garden!

Things to do:

Garden

- Weed and water your containers. The plants are now beginning to approach their mature size and it is important to keep them well fed and hydrated. Water as needed, which is usually once per day but, if root bound and with hot temperatures some containers should be watered twice daily.
- If you used slow-release fertilizer pellets in your containers, you may wish to consider a reapplication near months end. Most fertilizer pellets only last 2 or 3 months and the rate of release increases as the temperatures rise above 85°F. For heavy feeders, like *Brugmansia* (picture above) you should supplement slow-release feed with liquid fertilizer since these plants are always hungry and the slow-release granules do not release the nutrients at a sufficient rate to support blooming and growth.
- Some annuals, such as Coleus, Plectranthus and Persian Shield (*Strobilanthes*) would benefit from an occasional pinching of the tip, allowing lower buds to break dormancy and grow (as seen at right for Persian Shield). This allows the plants to become denser and prevents them from



- becoming leggy or excessively large and overwhelming any neighboring plants.
- Most hanging baskets should receive a serious cutback in order to renew the plants for a late July through September display.
 - Most hanging baskets benefit from receiving liquid fertilizer every other week with a 50% dilute fertilizer.
 - Irrigate perennial and annual gardens for long periods, ensuring a deep penetration of water into the soil should rainfall become less than ample.
 - It is now ok to remove the old foliage of Narcissus as it turns yellow or brown during July and next year's bulbs have fully developed. *murielae*
 - Consider adding some graceful summer blooming nonhardy bulbs such as *Gladiolus murielae* or Abyssinian Gladiolus as seen in the closing image. Plants will bloom 8-10 weeks after planting.
 - Reapply mulch to retain moisture should it have become thin or disturbed through replanting of annuals or perennials or from weeding. Mulch only needs to be a total of 2-3" thick including mulch from previous applications and new additions.
 - For repeat blooming Shrub and Tea Roses, deadhead or remove the old flower blossoms, give them a light feeding and remove any leaves from the plant or on the ground that have blackspot, as this will help to reduce future outbreaks.
 - Any Japanese Beetles on roses or other plants can be destroyed by flicking them into soapy water.
 - Some perennials can be lightly trimmed such as the early blooming Salvias (*Salvia nemorosa*) while other plants can be cut back more heavily such as Catnip (*Nepeta faassenii*) and Ribbon Canary Grass (*Phalaris arundinacea* var. *picta*) to initiate prolonged blooming or attractive foliage into the fall. *Nepeta* 'Walkers Low' is photographed at right 2 weeks after being cut back, with an unpruned specimen behind. The trimmed plant is much denser and compact. Make certain you provide adequate irrigation if you cut the plants back hard and rain is lacking.
 - Not all plants should be cut back hard. I prefer to leave the dried flowers of Yarrow (*Achillea*) and Astilbe on the plant, as they look attractive come the fall and winter.
 - Early July is the latest time to pinch back unruly Asters and Chrysanthemums, since pinching any later will delay bloom time too far into the fall for the plants to be effective. It is already too late to pinch overly exuberant Sedums like 'Autumn Joy' as they will be producing flowers by month's end.
 - Weed! Even with the limited rainfall and heat, there is an endless growth of weeds. It is best to get them young before they become too noticeable and the root systems become too established. Worse yet, try not to let them seed, as the



average lifespan of a seed is 7 years which equates to 7 more years of weeding! Mulching heavy does not equate to less weeds either, and will lead to more issues in the future since excessive mulch is not healthy for plants.

- Provide a light pruning and training of rampant growing Wisteria stems, stray stems of Clematis, and other vines. For Wisteria, I generally prune to the second or third leaf along the viny new growth. A heavy pruning will invigorate excessive vegetative growth and potentially less flower bud development.
- Prune water sprouts and suckers on small trees and large shrubs before they become too large and potentially begin to deform the plant.
- With young ornamental and shade trees, you may wish to prune off or thin the lowest hanging branches if you have not already done so, as they will continue to droop lower until growth ceases towards mid-month. These low hanging branches provide excessive shade for plantings beneath, block important views of the garden and make walking about difficult. Remember, to cut branches back to – but not into – the branch collar at the base of the branch.
- Continue to visit local garden centers as new materials are continuing to arrive and you may see some summer bloomers like *Cephalanthus occidentalis* (Buttonbush) that you may have overlooked in May. There may even be a couple of mid-summer sales beginning!

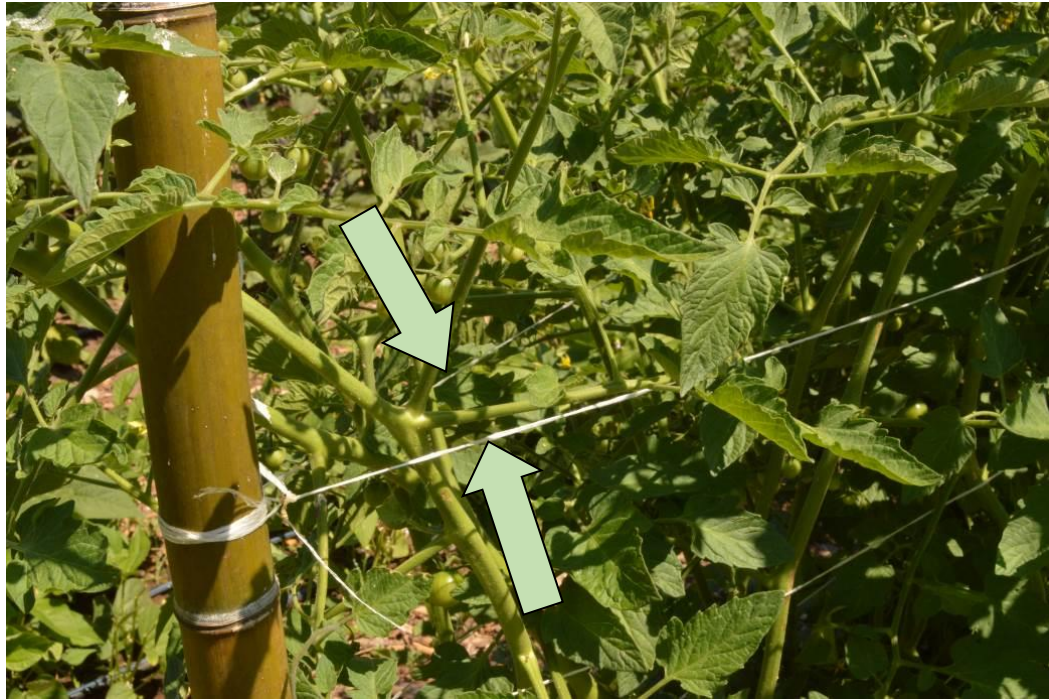
Vegetables

- Peas, radishes, lettuce, spinach and other cool season crops need to be removed, composted and replaced by beans, beets or any 80-day to maturity crop. Thin carrots to roughly 1” apart and beets to 2” to allow room for proper root development. For beets, the greens can be used to garnish a salad!
- At this point summer squash and cucumbers are beginning to come of size; harvest them small (4-6”) and frequently to ensure continued yields and tenderness. If you planted potatoes, they can also be harvested starting in mid-July. A second crop of cucumbers can be planted in early July to replace those planted earlier that will begin to lose vigor come late August and September.
- Check parsley for Black Swallowtail Butterfly eggs or caterpillars. You may wish to allow them to develop!
- If your Zucchini Squash gets borers early in the season and collapse, and you still wish to grow squash in that or a nearby location for this year, consider planting some of the Scallop Squash, often called Patty Pan Squash for an



autumn harvest. They mature in about 50-54 days from seed and come in solid White, Golden, and a combination of White and Green Striped. Not only are they delicious, they will add color to the Thanksgiving Table as well!

- When watering tomatoes, make certain that the fruit remains dry in order to



reduce the occurrence of blossom end rot. Keep the tomatoes staked (as seen above). By positioning poles along a row of tomatoes and holding the tomatoes upright between two strings (marked by the arrows), the fruits can be kept off the ground, air can circulate through the plant (reducing disease risks) and newly ripened fruit is better seen.

- Maintain even moisture in the soil around tomatoes to reduce the risk of the tomatoes splitting. This is particularly true of Heirloom tomatoes and using a straw mulch will help maintain consistent moisture.
- Yellowing of the lowest leaves on the stems of tomatoes is an indication of Early Blight. It is best to remove these lower leaves, such that there is no contact with the soil and reducing the threat of future outbreaks. Also, wash your hands after removing the leaves before touching other plants to reduce the chance of spreading the disease.

Houseplants

- If spring was too hectic and you are just getting caught up, July is a good time to up-pot those houseplants that have outgrown their container. Remember, pick a container that is roughly 2" bigger than the initial container, allowing a 1" area around the root ball for new roots to grow.
- Houseplants are actively growing during the summer and should receive a regular watering regiment of every two weeks or so and monthly fertilizing with a 50% dilute liquid solution.

Turf

- For turf grass, raise the cutting height to 3” during these hotter and drier months to reduce plant stress.
- If you irrigate, do so for extended periods during the early morning to encourage deeper root growth. Try not to water in the evening, since that will promote various fungal problems.
- Make certain you check and adjust the orientation of in-ground sprinklers. I am amazed at the number of sprinklers I see irrigating roadways and not the intended turf!
- Avoid fertilizing turf during July and early August as that will necessitate more irrigation.
- Consider reducing the size of turf areas if the size of the area is no longer needed. Using groundcover masses benefit native insects and reduce the negative impacts from lawnmowers and unnecessary irrigation.



Bruce Crawford

Manager of Horticulture, Morris County Parks Commission