**Solanaceae Family Cheat Sheet 2022**

**Characteristics of nightshades:**

* Mostly forbs (occasionally vines, shrubs, or trees) usually with alternate, often fuzzy leaves and colorless juice
* Has texture of petunia leaf
* Flowers are typically regular, solitary, bisexual, and regular with usually 5-united sepals and 5 united petals
* Flowers vary from funnel for to reflexed, with only partially united petals, like tomato blossoms
* Five (rarely 4 to 7 stamens attached to the petals
* Ovary is positioned superior; consists of 2 united carpels with partition walls often present forming an equal number of chambers
* 85 genera and 2300 species worldwide
* 5-united sepals; 5-united petals; 5-stamens; 2-chambered ovary
* Most commonly known geneses:  *Capsicum* (peppers*)*, *Nicotiana* (tobacco*)*; *Petunia*, *Solanum* (nightshades)