Print and fill in

My soil growing cheat sheet

Use the plant planner to fill the evidence-backed fields. Leave unsupported numbers blank and record where each recommendation came from.

Plant and place

Common name _____ Botanical name _____

Cultivar / rootstock _____ Date / stage _____

Goal _____ Location / climate _____

Growing in: outdoor mineral soil / raised bed / container substrate

Container volume or bed area _____ Drainage _____

Root zone and light

Soil or substrate _____ Current pH and test method _____

Source-specific pH guidance _____ Source / context _____

Hours of sun / shade observations _____

If measured: canopy PPFD _____ Hours _____ DLI _____

Steady lamp DLI = PPFD × hours × 0.0036. Variable sunlight requires integration.

Temperature / season constraints _____ Source _____

Humidity / airflow constraints _____ Source _____

Water and transplant

Moisture check method / root depth _____

Watering trigger _____ Drainage check _____

Transplant date / depth / acclimation _____

Check the root zone, not just the surface. Empty standing drainage water. Match transplant depth to the species; avoid burying tree root flares.

Nutrient plan

Soil test date / lab _____ Recommendation source _____

Application period _____ Treated area _____

Added nutrient budget: N _____ g P_2O_5 _____ g K_2O _____ g

Soil / compost / previous fertilizer credits _____

Product and exact analysis	Mass / dose	Date / repeat trigger
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

100 g of 4-4-4 contains 4 g N, 4 g P_2O_5 and 4 g K_2O. This is total nutrient content, not a release rate. For liquid concentrate: mL = grams ÷ verified density in g/mL.

Dry amendments: release assumptions and source _____

Liquid feed: label dilution _____ water volume _____ concentrate amount _____

For FloraSeries, add Micro to water first, then the other concentrates separately. Do not mix concentrates together undiluted. Do not automatically apply a seasonal nutrient budget in one watering.

Next feeding decision: inspect growth, moisture, roots and records; follow a supported split schedule and the actual label. Calendar interval _____ Source _____

Observe and maintain

Support / pollination / pruning needs _____

Pest check and diagnosis _____

Harvest cue / storage / seasonal protection _____

Observation → action → result _____

Next check _____ Next soil test _____

Unresolved questions _____ Video links _____