Garden & Soil Readiness Assessment

Establish baseline conditions before trying any homemade amendment.

Garden / bed / container

Date assessed

Crop and variety

Growing location / sunlight

SOIL TEST RECORD

Test date	Lab / method	Soil pH	Calcium result	Other nutrient findings

GROWING CONDITIONS

Soil texture / drainage

Mulch type / depth

Watering method / frequency

Recent fertilizer / amendments

Observed symptoms, including blossom-end rot (if any)

Blossom-end rot may occur even when soil calcium is sufficient. Review watering, roots and soil test results.

Eggshell & Lemon Experiment Log

Record the reaction and measurements; do not assume a proven fertilizer.

Preparation date

Batch ID / container

Number of eggshells

Approximate lemon juice amount

Shell particle size / preparation

Start time / reaction duration

REACTION OBSERVATIONS

Date / time	Bubbling / appearance	Solids remaining	Other observations

MEASUREMENTS & HANDLING

Measured pH (if tested)

Measurement device / method

Final handling, disposal, or educational observations

Keep the reaction vessel vented. pH does not measure calcium content or establish a safe plant dose.

Watering & Plant Growth Tracker

Monitor moisture and growth, then evaluate what you learned.

Crop / variety / plant IDs

Observation period

WATERING & GROWTH RECORD

Date	Plant ID	Soil moisture before	Water added	Growth / fruit / stress	Weather

END-OF-SEASON EVALUATION

What changed, and what stayed consistent?

What would you change next growing season?

Compare observations with soil testing and watering records; visual changes alone do not prove a treatment worked.