

Bud Rot (Botrytis) Prevention Checklist

A grower-approved daily and weekly checklist for late flower. Verdant suggests; the grower decides. Never automates equipment.

Environment targets (late flower)

Metric	Target range	Log source
Humidity (RH)	45–55 %	live / manual / csv
Day temperature	72–78 °F (22–26 °C)	live / manual
Night temperature	≥ 65 °F (18 °C)	live / manual
Day–night swing	≤ 10 °F (5 °C)	live / manual
VPD	1.2–1.6 kPa	live / manual
Airflow through canopy	Leaves gently moving	manual note

Daily walk-through

- ☐ Open the tent and inspect the densest colas first — top and interior.
- ☐ Squeeze one bud gently: firm is normal, soft/spongy is a red flag.
- ☐ Look for a single wilted sugar leaf poking out of a healthy cola.
- ☐ Check for dry, discolored (grey/brown) pistil clusters at the core.
- ☐ Confirm humidity is inside target and note the current VPD.
- ☐ Confirm airflow is moving canopy leaves; no dead-air pockets.
- ☐ Log every suspicious bud in Quick Log with a close photo.

Weekly environment audit (via Environment Check)

- ☐ Review humidity history for spikes above 60 % (especially overnight).
- ☐ Review temperature drop after lights-off — flag if RH rises with it.
- ☐ Review VPD history for long stretches below the late-flower target.
- ☐ Confirm sensor source labels: live / manual / csv — no stale or invalid.
- ☐ Note any CSV imports (AC Infinity, Spider Farmer) reviewed this week.
- ☐ Cross-reference photos taken this week against environment timeline.

If you find bud rot

- ☐ Remove affected buds with clean scissors, cutting well below damage.
- ☐ Bag and dispose of infected material outside the grow space.
- ☐ Sanitize scissors and hands before touching other plants.
- ☐ Reduce humidity and increase airflow — grower-approved settings only.

- ☐ Inspect neighboring colas the next day and re-log with photos.
- ☐ Open AI Doctor for cautious review of photos + sensor history.
- ☐ Approve any equipment change through the Action Queue — never blind.

What Verdant will not do

Verdant will never adjust your dehumidifier, fans, or lights on its own. It surfaces source-labeled evidence and cautious suggestions; every action stays grower-approved through the Action Queue.

Verdant Grow Diary — Plant memory. Sensor truth. Better decisions. Full guide:
verdantgrowdiary.com/guides/bud-rot-prevention-identification