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DIY Pest & Lawn – Yard Regeneration Plan

Customer: Robert Hancock Sr.

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What's in Your Yard

(From Robert's own photos)

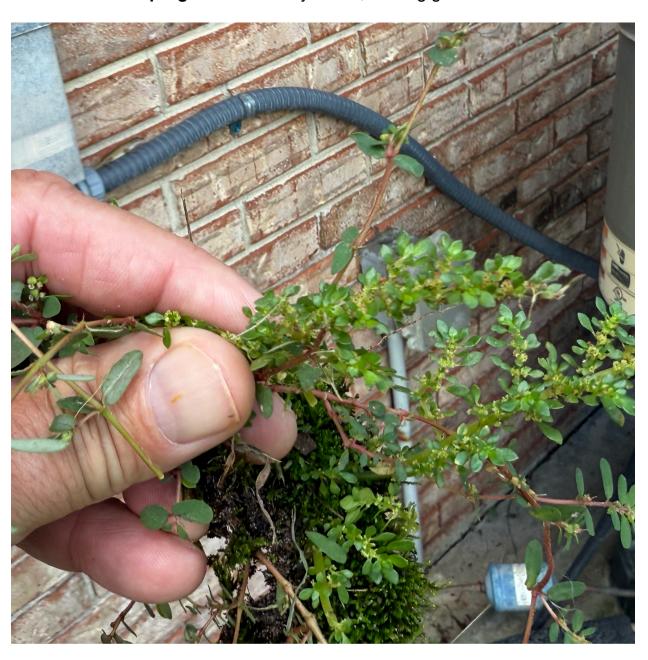
• **Dollarweed** – round, coin-shaped leaves.



• Virginia Buttonweed – opposite leaves, white flowers, creeping stems.



• **Prostrate Spurge** – reddish wiry stems, matting growth.



• Yellow Nutsedge – triangular stems, bright green, starburst seedhead.



• Clover – trifoliate leaf clusters.



Clover

Trifoliate (3-leaf) clusters with rounded leaflets



You've said chinch bugs are under control. To be safe, confirm:

- Mix 2-3 Tbsp dish soap in 1-2 gal water.
- Pour over a 2×2 ft patch of weak turf.
- Watch 2–5 minutes. If bugs surface → follow insect plan below. If not → skip insect steps.

☑ The Regeneration Plan

Phase A — Insect Program (only if SOAP test positive)

- Day 1 Spray (per 1,000 sq ft):
 - Bifen I/T 2 oz
 - Tekko Pro IGR 1 oz
 - Surfactant 1 tsp
 - 1–2 gal water carrier. Spray low & even.
- **Day 7:** Bifen I/T 1 oz / 1,000 sq ft.
- **Day 14:** Bifen I/T − 1 oz / 1,000 sq ft (only if bugs still show).
- Day 21: Dominion 2L drench 0.6 oz / 1,000 sq ft in 2–4 gal water. Water in ½".

Phase B — Fertility & Turf Recovery

- 5-7 days after spray: GreenEdge 6-2-0 Plus 12.5 lbs / 1,000 sq ft (40 lb bag = 3,200 sq ft).
- 2–3 weeks later: SuperCarb+ 4 oz / 1,000 sq ft in 1 gal water (foliar).
- Late Summer: K-Mag 0-0-22 3.5–4 lbs / 1,000 sq ft. Water in.

Phase C — Weed Suppression

Apply herbicides separately, not tank-mixed.

Option 1 – MSM Turf (Cost-Effective, Long-Lasting)

- Rate: 0.01 oz / 1,000 sq ft + surfactant.
- Controls: Virginia Buttonweed, Prostrate Spurge, Dollarweed.
- Results: Yellowing in 1–2 weeks, suppression by 3–6 weeks.
- Value: More cost-effective and gives deeper control, but requires patience.

Option 2 – SpeedZone Southern (Fast Results)

- Rate: 2.0–2.2 oz / gal / 1,000 sq ft. (No surfactant needed.)
- Controls: Spurge, Dollarweed quickly.
- Results: Wilting within 24–48 hours, top-kill in 1–2 weeks.
- Weakness: Buttonweed often rebounds unless paired with MSM.

Customer Choice:

• **MSM Turf alone** = better value, slower but longer-lasting.

- **SpeedZone Southern** = quick cosmetic results if HOA/neighbors are on you.
- Both, applied separately = fast burn + long-term buttonweed suppression.

Nutsedge Control:

SedgeHammer+ packet → 1 gal / 1,000 sq ft. Surfactant included.

Phase D — Fall Pre-Emergent (Oct-Nov)

- 0-0-7 with 0.38% Barricade 4 lbs / 1,000 sq ft.
- Water in within 48 hrs.

۲ Mowing & 💧 Watering Rules

- Mow St. Augustine at 3.5–4".
- Water 1" per week, deeply not daily.
- Don't mow 48 hrs before/after spraying.
- Sweep granules off hard surfaces.

🌟 Why This Works

- **SOAP test** prevents wasted insecticide if chinch bugs are truly gone.
- **Bifen + Tekko + Dominion** = adult kill, egg suppression, systemic root protection.
- **GreenEdge + SuperCarb + K-Mag** = rebuilds turf, color, and stress tolerance.
- MSM/SpeedZone/SedgeHammer = targeted weed suppression with clear options.
- **Barricade** = prevents winter weeds from restarting the cycle.