



MIKE'S MIGHTY MICROS, LLC

BIOCHAR APPLICATION GUIDELINE

Manure-Based Biochar – Naturally Powerful. Environmentally Smart.



20 LB BAG — HOME & GARDEN USE:

Covers: Up to 200 sq ft.

Best Uses:

- Garden Beds & Food Plots: Spread evenly into top 3–8 inches of soil.
 - Shrubs & Trees: Apply 2–4 lbs per plant around the drip line.
 - New Transplants: Mix at 10% with native soil.
 - Containers / Raised Beds: Blend 5–10% by volume into soil mix.
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1000 LB SUPER SACK — COMMERCIAL & FIELD USE:

Covers: 1 acre at the recommended full rate.

Ideal For:

- Row crops.
- Orchards.
- Pasture renovation.
- Food plots (1 sack = 43,560 sq ft of coverage).

Instructions:

- Apply with broadcast spreader or blend into top 6–8 inches of soil.
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2000 LB SUPER SACK — LARGE SCALE OPERATIONS:

Covers: 2 acres at full rate, or up to 4 acres at lighter maintenance rate.

Use Cases:

- Soil rehab or regenerative builds.
- Broad-acre food plots.
- Multi-acre garden projects.
- Mixing into compost piles or blend programs.

Instructions:

- Apply with broadcast spreader or blend into top 6–8 inches of soil.
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FIELD RATE SUMMARIZATION:

Apply at a rate of 1000 to 1500 lbs per acre, depending on soil condition and goals. Use the lower end for general maintenance and the higher end for poor, sandy, or compacted soils where greater improvement is needed.



OTHER USES — BEYOND THE FIELD



Livestock Feed Additive:

- Add 3% biochar to total feed ration.
- Improves digestion, feed efficiency, and reduces manure odor.
- Lowers vet bills and supports gut health.



Bedding Conditioner:

- Sprinkle lightly in stalls or pens.
- Keeps bedding drier and longer-lasting.
- Cuts ammonia (NH₃) levels by up to 30%.
- Healthier hooves, hides, and working environments.



Water Filtration & Runoff Control:

- Fill filter socks, trenches, or ditches with loose biochar.
- Traps nutrients and sediment naturally.
- Reuse spent biochar as a fertilizer-rich soil amendment.
- Simple gravity-flow setups, no pumps needed.



Peat-Free Potting Mix Component:

- Blend at 5–10% volume with standard mixes.
- Replaces peat while boosting moisture retention and drainage.
- Adds slow-release nutrients and microbial surface area.
- Ideal for greenhouse, nursery, or container crops.



Compost Booster:

- Mix into compost piles to reduce odor and hold nitrogen.
- Helps balance carbon to nitrogen ratio.
- Speeds up decomposition and builds microbe-rich humus.



Soil Reclamation Projects:

- Apply to sandy, saline, or depleted soils.
- Restores organic content, structure, and water-holding ability.
- Use for erosion-prone slopes, tired pastures, or urban fill sites.



What Mike's Mighty Micros Biochar Is Not:

- **Not ash or soot** — it is clean, carbon rich, and made through controlled pyrolysis.
- **Not wood charcoal** — ours is manure based and loaded with natural nutrients.