



GROW LIKE A BOSS!™

2022 CATALOG



Who We Are

Founded in 2006, the Organic Mechanics Soil Company, LLC is a manufacturer and distributor of premier organic potting soils and soil amendments for the professional and consumer gardening communities. Our products can be found in independent garden centers, natural food stores, farmers markets, indoor gardening stores, and botanical gardens from the East Coast to the Rocky Mountains.

At the heart of all we do, we share a philosophy that embraces environmental sustainability. We are actively pursuing the dream of producing the highest quality, most earth-friendly organic potting soils and soil amendments available.

This is why we choose to use compost and coconut coir instead of peat, bio-diesel to power our equipment, and recycled products and local ingredients whenever available. We are committed to operate our business in a responsible and sustainable way.

For the best performing, easy-to-use, earth-friendly potting soil on the market, dig your hands into a bag of Organic Mechanics and start gardening. Your plants will love you for it!

Mark Highland, "The Organic Mechanic"



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OrganicMechanicSoil.com

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Our Incredible Ingredients

We're Truly Organic: Did you know? Other brands will write "Organic" on their products but often they're not suitable for organic gardening. We write "100% Organic" on our bags as our products can be used in certified organic production. Many of our products are also OMRI Listed, independently verified as 100% organic by OMRI (Organic Materials Review Institute).

We're Peat-Free: Peat, which consists primarily of decomposed plants, is a common ingredient in most potting soils. Peat bogs help to store CO₂, making them one of the world's best carbon sequestrers. By using ingredients that are end products of other processes, you're gardening with a much more sustainable product.

Water Less: Many of our soil blends hold moisture longer than other brands, without adding chemicals, so you'll water less often.

- **Compost:** Our organic compost is locally-sourced and farm-based. The beneficial biology inside provides plants with billions of beneficial bacteria, helping plants to grow healthy.
- **Coconut Coir:** Coir is a superior medium for plants! It holds moisture longer than peat, and doesn't break down as fast. Since it's a by-product of sustainable coconut harvesting, we feel it's more sustainable than peat.
- **Worm Castings:** The premium earthworm castings provide even more beneficial biology for your plants, and help with moisture retention.



- **Pine Bark:** We use aged pine bark to provide biology, chunkiness and porosity to our soil blends. It also helps to provide drainage quality.



- **Rice Hulls:** A super sustainable ingredient that provides drainage like perlite.



- **Biochar:** Provides a home for biology, nutrients, and minerals. A yield booster for your plants!



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Insect Frass Fertilizer 3-2-2



- Contains: Insect frass.
- 3-2-2 organic, vegan fertilizer for amending soils and nourishing plants.
- Use in soil and potting soil, or as a liquid foliar spray, or additive into a compost tea / hydroponic program.
- For Containers, mix 1 cup per 1 cu. ft. of soil. 1 cup = 0.20 lbs. frass.
- For all stages of plant growth.
- Perfect for all plant types: Houseplants, Edibles, Flowers, Native Plants, Tropicals, Trees, Bonsai, Cactus & Succulents, Bulbs, and Hemp.
- 100% Natural & 100% Organic.
- Available in 2 lb. and 5 lb. bags, case pack. (10) 2 lb. or (6) 5 lb. bags / case.



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Use this natural and organic fertilizer in soil or potting soil. Makes a great liquid foliar spray or addition to compost teas.





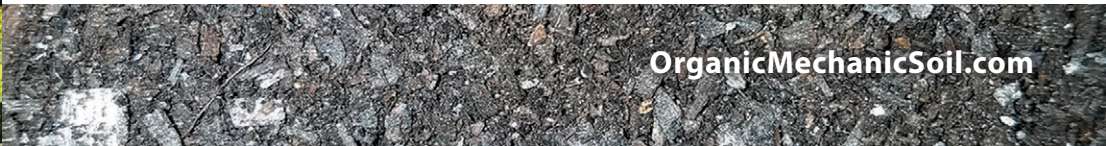
For more info on Biochar,
turn to page 18!



Biochar Blend



- Contains: biochar, compost, earthworm castings, bone char, azomite, zeolite, alfalfa meal, and kelp meal.
- Lifetime Soil Enhancement that Grows Big Plants and Increases Yields!
- Fully charged and ready to use on all types of plants.
- Compost and earthworm castings encourage beneficial biology.
- Alfalfa Meal and Kelp Meal add valuable nutrients.
- Bone Char adds necessary phosphorous and calcium.
- Zeolite and Azomite are minerals that nourish microbes and plant roots.
- For Containers, mix in at a 10% rate with your preferred growing media, such as our Container Blend Potting Soil or Cocodelphia.
- For Garden Beds, 1 cu. ft. bag will cover 24 square feet (10% rate).
- Natural and Organic!
- Available in 1 cu. ft. bags and 8 qt. bags.



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Cocodelphia – 100% Premium Coconut Coir

- Triple-Washed and Buffered.
- Ready to Use – This growing medium is good to go! If desired, mix in beneficial ingredients, such as Biochar Blend or Worm Castings, to make your own super soil.
- Low Salt Levels – EC less than 0.7.
- pH neutral to slightly acidic.
- Contains excellent Cation Exchange Capacity (CEC) for improved fertilizer uptake.
- 100% Organic – Can be reused!
- Available in 1.76 cu. ft. (50 Liter) bags.



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For use as a grow media in hydroponic grow systems, container plantings, and in garden beds!





A 4-2-2 fertilizer with
Mycorrhizae & highly
beneficial additives.
Grow BIG plants and
INCREASE your yields!



Fuhgeddaboudit! Root Zone Feeder Packs

- Contains a measured dose of fertilizer, mycorrhizae, biochar, azomite, and micronized oyster shell.
- No mixing and measuring, just add at planting time, right beside or just underneath the plant's root ball. Nothing could be easier. Fuhgeddaboudit!
- Use 1 per plant. If planting in larger than a 5 gallon container, use 1 pack for every 5 gallon size.
- For all types of plants, from annuals to perennials to woody plants.
- Enhances your existing fertilizer program. Contains a 4-2-2 fertilizer, 5% Calcium and 1% Sulphur.
- 100% Organic!
- Standard Size contains 12 50-gram packs in a resealable bag.



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Pure Rice Hulls

- Contains 100% Pure Rice Hulls and it's 100% Organic!
- Perlite Substitute: Mix into your soil to increase drainage and porosity. Use 10% less Rice Hulls than you would with perlite!
- Fungus Gnat Deterrent: Make your plants a place they don't want to go! Add 0.5"-0.75" to the top of your soil as a mulch.
- Weed Control: Stop weeds from growing, and wasting your time! Add 1.5"-2.0" to the top of your soil as a mulch.
- Home Brew Helper: Works to ensure full flavor release for your beer.
- Grown, Harvested and Packaged in the USA!
- Available in 8 qt. (resealable) and 2 cu. ft. bags.



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Use as a perlite substitute,
fungus gnat deterrent, and
weed control!





Perfect for any type of
Cactus or Succulent!



Cactus & Succulent Blend

- Contains biochar, expanded shale, rice hulls, compost, earthworm castings, sand, and coir.
- Our unique blend is scientifically designed for amazing drainage, yet holds enough moisture to keep your cacti and succulents happy.
- Also works for bonsai trees, jade plants, or any plant that needs exceptional drainage.
- The biochar helps to retain biology in the root zone.
- We recommend using terracotta (clay) or fiber containers for best results.
- All Natural!
- Available in 2 qt. and 8 qt. resealable bags.



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Container Blend Potting Soil

- Contains: compost, pine bark, coir, earthworm castings, and rice hulls.
- Excellent drainage properties, yet holds moisture well over time.
- Use for large containers (1 to 250 gallons) or any plant that needs well-drained soil.
- Perennials and Fast Growing Annuals love it!
- Save money and reuse it! Our compost-based soils do not break down as quickly as peat-based mixes. Simply fluff the mix back up, remove any large root balls, and then replant.
- For optimal plant growth, pair with a complete, balanced fertilizer at planting time.
- Available in 16 qt., 1 cu. ft. and 2 cu. ft. bags.



Our all-purpose, 100% organic potting soil, perfect for repotting plants, indoor gardening, and more!



[OrganicMechanicSoil.com](https://www.OrganicMechanicSoil.com)





Ideal potting soil for growing food in containers, annuals, tropical plants, and house plants.

Premium Blend Potting Soil

- Contains: compost, pine bark, coir, earthworm castings, and perlite.
- Perfect for small containers, window boxes, or any plant that needs exceptional moisture retention!
- Cut your watering time in half! Our compost-based mix retains moisture much better than traditional peat-based mixes, so you'll water less often.
- Harvest twice as much! Research trials show tomatoes grew twice as large, with twice as many fruits when grown in Premium Blend, compared to our competition.
- For optimal plant growth, pair with a complete, balanced fertilizer at planting time.
- Available in 8 qt., 16 qt., and 1 cu. ft. bags.



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Planting Mix Compost Blend

- Contains: compost, pine bark, coir, and earthworm castings.
- Use as a soil amendment to revitalize your garden soil.
- Works great in raised bed gardens (Mix 3 parts Planting Mix Compost Blend to 1 part topsoil).
- Adds vital organic matter to enhance the root zone.
- Helps retain moisture around plant roots.
- Give your new plants a healthy advantage with this superior quality organic planting mix!
- For optimal plant growth, pair with a complete, balanced fertilizer at planting time.
- Available in 1 cu. ft. and 2 cu. ft. bags.



For vegetable gardens, trees,
shrubby, fruits and flowers.
Revitalize your soil this
growing season!



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The perfect 100% organic potting soil for starting all types of seeds. Sow your seeds and grow your own food this season!

Seed Starting Blend

- Contains: coir, pine bark, rice hulls, earthworm castings, and an OMRI Listed organic fertilizer.
- Use for vegetables, herbs, annuals, and perennials.
- Formulated for optimal seed germination, providing 3-4 weeks of fertilization power.
- Holds moisture, yet drains well for healthy root growth.
- Use in seedling flats, small fiber pots, or any container for planting seed.
- Available in 8 qt. and 16 qt. bags.



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Organic Hardwood Bark Mulch

- Contains: organic hardwood bark mulch (80%) and organic compost (20%).
- We blended hardwood bark mulch and compost to give you a dark rich mulch layer that looks great in your garden.
- All natural, organic mulch is safe to use around kids and pets.
- Bark mulch builds your soil's organic matter as it breaks down.
- 100% Organic!
- Available in 2 cu. ft. bags.



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Perfect for mulching
any garden area!





Nature's organic fertilizer!
These 100% organic earthworm castings replenish your soil and encourage beneficial biology.



Worm Castings Soil Amendment

- Contains: 100% pure earthworm castings.
- Use as a soil amendment for vegetables, herbs, annuals, perennials, or houseplants.
- Water less! Worm Castings help hold moisture in the root zone.
- Rejuvenate houseplants! Add 1/4 cup of Worm Castings per gallon pot to soil surface.
- Give new plants a head start! Mix 1/4 cup of Worm Castings into soil planting hole for each vegetable in garden beds.
- Available in 1 lb. and 5 lb. resealable bags.



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Wholesale-Specific Blends

Need soil for your greenhouse, nursery, or landscape design / build firm? We blend custom soils to spec and offer larger wholesale sizes and packaging on all our soil blends. Private labeling is available as well. Contact your sales representative for quotes and details.



Professional Growers Blend

- Contains: coconut husk fiber, aged forest products, rice hulls, earthworm castings, compost, and an OMRI listed organic fertilizer, providing a 30 day starter charge.
- Well drained blend great for annuals, vegetables, perennials, and tropicals.
- Built for greenhouse use or for large architectural planters.
- Fertilize as needed for best results.
- 100% Organic!



Stormwater Blend

- Contains sand, topsoil, compost, biochar.
- For Green Stormwater Infrastructure (GSI) projects that require an engineered soil with specific drainage properties.
- Drains well, excellent infiltration rate yet holds moisture to support plant growth.
- Used by Pennsylvania Horticulture Society's (PHS) Rain Check Program.



Why Biochar?

Biochar: *Bi-o-char* is highly porous carbon that improves nutrient absorption and provides a practically permanent home for beneficial soil biology. Proper use will boost yields and increase the effectiveness of your grow!

Why Biochar? Biochar is an ancient technology with its roots in the Amazon over 2,000 years ago. Biochar is made through a process called pyrolysis. When properly used, Biochar will help to boost yields and increase the effectiveness of your grow! Biochar is an incredible garden tool that makes soil more fertile by increasing nutrient holding capacity. Biochar also helps in moisture retention and has been used for soil contaminant remediation.

Simply put, you're going to have a healthier and more vibrant garden when properly using Biochar. **You'll get year-after-year benefits from this lifetime soil amendment.**

We offer our Biochar products in 1 cu. ft. bags, as well as in super sacks (bulk). 100% Biochar and our unique Biochar Blend (also in retail bags) are both available.



Our Fuhgeddaboutit! Root Zone Feeder Packs are another biochar-based product, available in retail packaging or in bulk for landscape use.



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Biochar Products

100% Biochar

- We recommend mixing your desired nutrients, biology, and minerals with Biochar for a minimum of four weeks before using it. This allows time for the Biochar to become inoculated.*
- Biochar improves soil quality for a lifetime, so soil performance gets better year after year!
- For Containers, mix in at a 5% rate with your preferred growing medium, such as Container Blend or Cocodelphia.
- For Garden Beds, 1 cu. ft. will cover 48 sq. ft. at a 5" depth (5% rate).
- 100% Organic!
- Available in 1 cu. ft. and 2 cu. yd. bags.

*Skipping the inoculation step reduces effectiveness the first year, as Biochar will adsorb nutrients and minerals from the surrounding soil, reducing plant-available nutrients in the soil solution. Work with a pre-inoculated Biochar Blend for best results. However, in some landscape situations, blending pure Biochar into soil has advantages that outweigh this limitation.

Biochar Blend

- Contains: biochar, compost, earthworm castings, bone char, azomite, zeolite, alfalfa meal, and kelp meal.
- Fully charged and ready to use on all types of plants.
- Alfalfa Meal and Kelp Meal add valuable nutrients.
- Bone Char adds necessary phosphorous and calcium.
- Zeolite and Azomite are minerals that nourish microbes and plant roots.
- For Containers, mix in at a 10% rate with your preferred growing media, such as our Container Blend Potting Soil or Cocodelphia.
- For Garden Beds, 1 cu. ft. will cover 24 sq. ft. at a 5" depth (10% rate).
- 100% Organic!
- Available in 1 cu. ft. and 2 cu. yd. bags

Organic Mechanics Soil used exclusively for *Split Rocker*,
a living sculpture, at Rockefeller Center in NYC.



Organic
MECHANICS®

We work on your soil!®

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