

Morgan Composting inc.



DAIRY DOO®

Organic **DAIRY DOO** Compost

Organic Potting Soils

Fertilizers: • *Granulated* • *Liquid*



Soil Amendments

And much more!!



Family Owned and Operated ~ Established 1996

www.DAIRYDOO.com **Morgan Composting** inc. 4353 US 10, Sears, MI 49679 • 231-734-2451

SOIL AMENDMENTS

Organic!



DAIRY DOO

Our original compost blend!
Make your garden healthy and flowers shine with our high-carbon, high-quality compost. **DAIRY DOO** is full of beneficial organisms that help keep your plants healthy and strong. **DAIRY DOO** helps grow a garden the way Mother Nature intended.

how to use **DAIRY DOO**

For a garden done the way Mother Nature intended, use **DAIRY DOO** as an amendment for existing gardens, new gardens, or in pots and containers.

DO NOT use for direct planting. To use prior to planting, spread $\frac{1}{4}$ to $\frac{1}{2}$ inch **DAIRY DOO** onto the soil, lightly rake, and water well. To use post planting, sprinkle $\frac{1}{8}$ inch **DAIRY DOO** around the plants and water well. Available in 1 cubic foot bags or bulk. This product is organic and weed free.



DAIRY DOO[®]

SOIL AMENDMENTS



WormDoo is an all-natural soil amendment produced by the millions of worms on our worm farm that are fed an organic, balanced diet of protein and minerals. These high-quality worm castings add good biology and fungal properties to the soil, help water retention, and can improve root development. All of this creates healthier plants and increases the plant's natural ability to resist disease.

how to use **WormDoo**

A little goes a long way! Mix **WormDoo** into the soil at a 1:10 ratio before planting. For established plants, work a small amount into the soil around the plant, being careful not to disturb the roots. Water well. Do NOT use for direct planting.



Compost Tea is an all-natural, organically sourced amendment that boosts soil microbes. It is POWERED BY **DAIRY DOO**, **WormDoo**, kelp and fish to encourage soil health and microbiology in your garden. When used regularly, **Compost Tea** will aid in vigorous growth and higher resilience to bacteria and mold. When used regularly, **Compost Tea** will unlock the true potential of your garden!

how to use **Compost Tea**

Steep or Brew your dry **Compost Tea** with water at a rate of 1/2 gallon of **Compost Tea** to 5 gallons of water. For AACT (Active Aerated Compost Tea): Use an air pump to aerate and activate the brewed tea mixture for 36-48 hours. For steeping: Place **Compost Tea** in a nylon or paint screen bag and steep in your bucket for 5 days. For best results, **Compost Tea** should be used immediately after brewing. You can use your liquid **Compost Tea** as a foliar feed or as a soil drench weekly or as needed. Compost Tea may also be diluted at a 1/3 ratio to water and used on cuttings. Do NOT use dry **Compost Tea** for direct planting.

POTTING SOILS

Organic!



SEED STARTER 101

Start your seeds out right! This germination mix has a fine, soft texture, making it ideal for delicate seeds. It's also great as a blocking mix! This blend is very diverse with 14 specially picked ingredients and is **POWERED BY DAIRY DOO**.

For best results, saturate the potting soil before planting. Plants should not need to be fertilized for up to 4 weeks after planting.

Available in 1 cubic foot bag, 8 quart bags and bulk by the cubic yard. This soil is weed free.



Organic!



FlowerDoo 201

Grow the most beautiful blooms in your flower bed or indoor/outdoor container with **FlowerDoo 201**. High in phosphorous, it promotes healthy, vibrant blooms. It contains 18 organic ingredients, including **WormDoo**, and is **POWERED BY DAIRY DOO**.

For best results, wet soil well before use. Available in 1 cubic foot bag, 8 quart bags as **POTTING SOIL 201**, and bulk by the yard. Pairs well with **HEALTHY GARDEN** and **BloomBlaster** fertilizers. This soil is weed free.



Organic!



VeggieDoo 301

For use with outdoor containers, raised beds, or vegetable transplants. **VeggieDoo 301** has over 77 different minerals to grow nutrient-dense plants. Nutrient-dense plants produce fruits and veggies with better flavor- perfect for garden-to-table meals. Crafted with 15 organic ingredients, and **POWERED BY DAIRY DOO**, **VeggieDoo 301** provides just what your plants need!

For best results, wet soil well before use. Available in 1 cubic foot bag and bulk by the yard. Works well with **HEALTHY GARDEN** and **VeggieBlaster** fertilizers. This soil is weed free.



STRAW BALE

GARDENING

with...

DAIRY DOO®

Why Straw Bale Gardening?

-Less Bending and Stooping -No Weeds!

Directions:

You will need:

- Straw Bale(s)
- **SAFE GREEN LAWN** Granulated Fertilizer 10-0-4-.5%Ca
- **HEALTHY GARDEN** Granulated Fertilizer 7-6-5-5%Ca
- **VeggieDoo 301** Potting Soil
- Liquid **VeggieBlaster** 8-1-8

Step 1 - Place straw bale in a sunny spot (8 hours of sunlight) and close to a water source.

Step 2 - Week 1 - Soak bale until water runs through the bale. Sprinkle 1 cup of **SAFE GREEN LAWN** over the bale. Every other day add the same amount of **SAFE GREEN LAWN** and on the opposite day soak the bale with water. Continue for one full week.

Step 3 - Week 2 - Repeat the steps of week one, reducing the **SAFE GREEN LAWN** to half a cup. At the end of the week sprinkle 2 cups of **HEALTHY GARDEN** on the bale.

Step 4 - Week 3 - Make a hole in the straw bale large enough for your transplant and fill with **VeggieDoo 301**. Plant your transplants. One bale will typically hold 3 dwarf-size tomato plants.

Just prior to blooming, use Liquid **VeggieBlaster** every 7-14 days. (Follow label directions) Spray the bale in a crisscross pattern for 2-5 seconds only.



Create a RAISED BED with



Raised beds are a great way to avoid weeding and simplify your gardening experience!

You'll Need:

-*Finished Structure for Your Garden* - this could be elevated to any height and made of whatever materials you'd like.

- Shovel
- Topsoil Blend
- Newspapers
- FlowerDoo 201** or **VeggieDoo 301**
- Plant Transplants
- Water



Step 1

Start filling your structure with a base of **DAIRY DOO'S Topsoil Blend**. Continue filling and spreading the **Topsoil Blend** evenly across the structure until you are about 6-8 inches from the top of the bed.

Step 2

Unfold your newspapers and spread them across the top of the **Topsoil Blend**. Be sure to cover all of the soil. Wet the top of the newspapers thoroughly.

**Note - if you are using a very shallow structure steps 1 and 2 can be omitted.*

Step 3

Fill and level the remaining 6-8 inches of your raised bed with **FlowerDoo 201** or **VeggieDoo 301**,

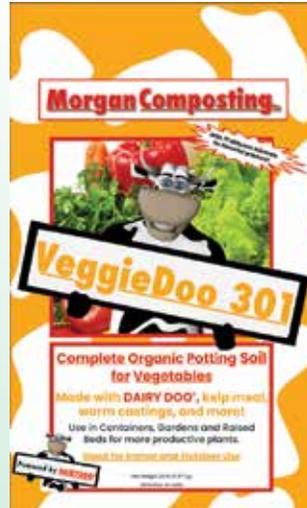
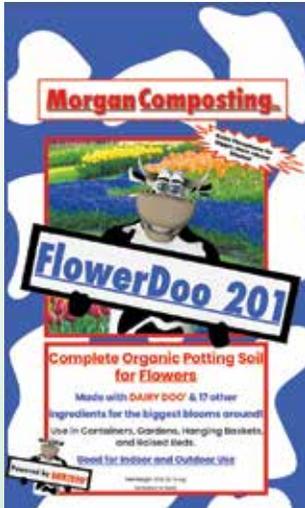
depending on what you will be planting in the raised bed. Both are organic, weed free, and full of the nutrients your plants need! **FlowerDoo 201** is great for all types of flowers and **VeggieDoo 301** is great for all of your fruits and vegetables.



FlowerDoo 201 or VeggieDoo 301
(top 6"-8")

Newspapers
Topsoil Blend





Step 5 (Optional)

If you are wanting to start some of your plants from seeds, dig a trench in the **FlowerDoo 201** or **VeggieDoo 301**. Fill the trench with **Seed Starter 101** and plant your seeds according to their package. Top with more **Seed Starter 101**. This will help your seeds to germinate and then provide additional nutrients to them as they out-grow their trench.



Step 4

Follow the instructions for your plant transplants to dig holes the appropriate distance apart. Add your transplants and fill the hole back up with your soil. Water very thoroughly. Check the amount by digging 1-2 inches into the soil at a corner of the bed. If the soil is still dry, continue to water the whole bed.



Be sure to water your plants throughout the summer and enjoy the harvest!

For more How To's visit us online at dairydoo.com.



POTTING SOILS

Organic!



Tree'nShrub

Tree'nShrub, POWERED BY DAIRY DOO, is handcrafted for lush, green growth and provides the nutrients necessary for vibrant, colorful foliage. This recipe jump-starts trees and shrubs with the added kick of double ground bark. This soil has great water holding capacity, perfect for your trees and shrubs, and has proven to have healing qualities.

Mix equal parts **Tree'nShrub** mix with existing soil and fill around plant. For seedlings and bare root plantings we recommend using **VeggieDoo 301**. Works well with **FruitBlaster** and **HEALTHY GARDEN** fertilizers. This soil is weed free.



TOPSOIL BLEND

Our **TOPSOIL BLEND** is **POWERED BY DAIRY DOO** and has the perfect mix of peat and topsoil, making it an affordable, quality soil for growing grass or other plants. **TOPSOIL BLEND** is screened and comes ready-to-use for all your landscaping projects and gardens.

To use in a raised bed, add **TOPSOIL BLEND** and then cover with two layers of newspaper. Top the newspaper with 8 inches of **FlowerDoo 201** or **VeggieDoo 301** and plant. Available in 1 cubic foot bags and bulk by the cubic yard.



BULK PRODUCTS

Our potting soils and soil amendments are available for purchase by the cubic yard or ton. They can be packaged in super sacks or loose loads, based on your growing needs.

Super sacks come in 1, 1.5, and 2 yard sizes (**TOPSOIL BLEND** not available in 2 yards).

FERTILIZERS

Organic!



HEALTHY GARDEN 7-6-5 5%Ca

Garden need a little pick-me-up? **POWERED BY DAIRY DOO**, this product is jam-packed with organic, all-natural and plant available nutrients your plants will love. **HEALTHY GARDEN** is also a great source of calcium- perfect for even those heavy feeding plants! This all-natural, organic, and chemical-free fertilizer is completely safe to use on edible plants.

Spread by hand, broadcast applicator, or by using a spreader. Available in 4lb, 25lb bags and 1 ton super sacks.

How to Use and Apply		
Established Garden - Keep watered!	New Gardens - Keep Watered!	Flower or Raised Beds - Keep Watered!
Apply 5 lbs per 1,000 sq ft before planting. Till in 3 inches.	Apply 7 lbs per 1,000 sq ft before planting. Till in 3 inches.	Apply 10 lbs per 1,000 sq ft
Apply 4 lbs per 1,000 sq ft when planting seed or transplanting	Apply 4 lbs per 1,000 sq ft when planting seeds or transplanting	Or sprinkle 1 tsp around each plant.
Sprinkle 1 tsp around each plant.	Sprinkle 1 tsp around each plant.	

Note: 1 pint = 1 lb; 1 quart = 2 lbs

Organic!



SAFE GREEN LAWN 10-0-4 0.5%Ca

The best lawn on the block is **POWERED BY DAIRY DOO** and humates! Achieve a lush, green lawn that is fortified with solid biology, without the use of phosphorus or chemicals! This granulated fertilizer works with new or existing lawns and is safe for use around kids, pets, lakes, rivers, and streams.

Apply **SAFE GREEN LAWN** every 4-6 weeks using a broadcast spreader. 25 lb covers 2500 sq ft. Available in 25lb bags and 1 ton super sacks.

How to Use and Apply	
Established Lawns	New Lawns
Apply 5 - 10 lbs per 1,000 sq ft in the spring.	Apply 10 lbs per 1,000 sq ft before seeding or sodding.
Application intervals can range from 30 - 90 days depending on response.	Mix into the top inch of soil. Keep seed or sod bed moist to ensure establishment.
For established lawns, 1 bag covers 5,000 sq ft	For new lawns, 1 bag covers 2,500 sq ft

Morgan Composting



Premium Poultry Fertilizer for Lawns and Gardens with Calcium for Plant Strength
40 lbs. (18.14 kgs.) directions on back

ALL PURPOSE 8-4-4 4%Ca

Our premium **ALL PURPOSE** fertilizer is designed for all uses including lawns and gardens. With extra calcium to help with plant strength, it is a well-rounded fertilizer that's **POWERED BY DAIRY DOO**.

Formulated with poultry manure as the base, furthering our recycling efforts, this product is sustainable, and easy to use.

Granulated for easy spreading. Available in 40lb bags, 1 ton super sacks, and bulk.





Lawn Care with **DAIRY DOO**

For a Beautiful Lawn without Herbicides and Pesticides

Spring:

- Spread **DAIRY DOO** at $\frac{1}{8}$ - $\frac{1}{4}$ of an inch across your lawn. For every 1,000 square feet of lawn plan to use 11 cubic feet of **DAIRY DOO**.
- For best results, aerate your lawn with solid tines to drive the compost into the lawn.
- The best defense against weeds is to crowd them out! Throughout the spring and summer reseed your lawn every 6 weeks.

Summer:

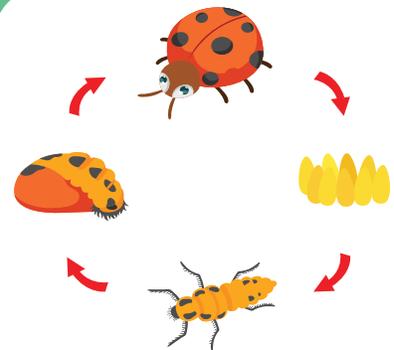
- Organic Option: Use **DAIRY DOO**'s **SAFE GREEN LAWN** granulated fertilizer. Spread **SAFE GREEN LAWN** with a broadcast spreader every 30-45 days during the summer at a rate of 10 lb per 1,000 square feet.
- Liquid Option: Use **DAIRY DOO**'S **TurfBlaster** liquid fertilizer. Simply attach the bottle to your garden hose and water the lawn during the cool of the day. (Early in the day or in the evening) Reapply every 7-14 days.
- Only mow once per week, raising your mower deck to cut the grass at 3½ inches to reduce weeds out-competing the grass.
- Time to reseed.

Fall:

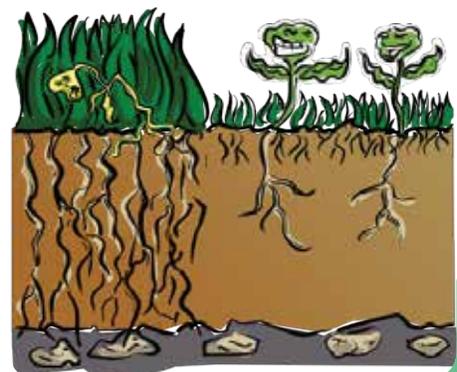
- Mow over your leaves with freshly sharpened blades and leave them on the lawn. The leaves will add nitrogen and organic matter to your soil.
- Spread **DAIRY DOO** at $\frac{1}{8}$ of an inch across your lawn. For every 1,000 square feet of lawn plan to use 11 cubic feet of **DAIRY DOO**.
- For best results, aerate your lawn with solid tines to drive the compost into the lawn.

Additional Tips:

- Weeds love short grass. Raising your mower deck to at least 3 inches will leave your grass longer, creating a canopy that shades out weeds.
- Longer grass also creates deeper root systems - the best defense against grubs!
- When aerating your lawn, use solid tines. Hollow tines pull up plugs, which contain dormant weed seeds and allowing them to grow in the holes you just created.
- Products like crabgrass killer will also prevent your grass seeds from growing. Instead, use a combination of raising your mower deck and reseeding every 6 weeks to crowd out weeds.
- If you decide to use a herbicide, use it in the fall to stop the life cycle of the weed and only spot spray when necessary.
- Leave grass clippings and chopped up leaves on your lawn to break down into the soil naturally - returning nutrients to the soil. This means you'll need less fertilizer next year and your lawn's water retention will improve!



*Made in Michigan and family owned
and operated; learn more about
DAIRY DOO products at dairydoo.com*





DAIRY DOO'S

DAIRY DOO®

Blaster Line

For easy feeding

No Mix • No Measure • No Mess

Just hook the right blaster for what you're growing to your garden hose and water in the cool of the day. Use a criss-cross pattern on your plant for 3-5 seconds only. Repeat every 7-14 days as needed. That's it!



VeggieBlaster 8-1-8-3S

-Liquid Plant Food-

Enjoy an abundant harvest from your vegetable plants with this easy-to-use fertilizer! This liquid vegetable food promotes nutrient-dense veggie growth and lush foliage.

VeggieBlaster creates tasty and healthy plants that are better able to resist the stress of summer heat, drought, or pests due to the inclusion of kelp!

Made with:

Minerals for tasty veggies!

Kelp for root development and disease resistance!

FulvicBlaster to accelerate growth and stabilize nutrient!

Use With: Vegetable plants, trees, and shrubs. Use for 3-5 seconds only per plant, to avoid burning.



BloomBlaster 4-18-4

-Liquid Plant Food-

Marvel at the beauty of your flowers all summer long! This liquid flower food promotes vibrant blooms and healthier plants that are better able to resist the stress of summer heat, drought, or pests.

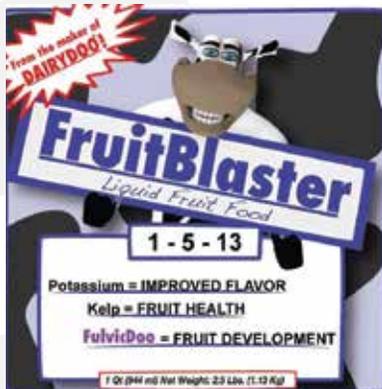
Made with:

Phosphorous for bigger blooms!

Kelp for root development and disease resistance!

FulvicBlaster to accelerate growth and relieve stress!

Use with: All indoor and outdoor flowering plants. Use for 3-5 seconds only per plant, to avoid burning.



FruitBlaster 1-5-13

-Liquid Plant Food-

Enjoy a more delicious and plentiful yield off your fruit trees and berry plants this summer! **FruitBlaster** improves the flavor of your grapes, berries, and other fruits. This liquid plant food also promotes a more uniform fruit set.

Made with:

Potassium for flavor!

Kelp for root development, fruit set, and disease resistance!

FulvicBlaster to accelerate growth and stabilize nutrient!

Use with: Grapevines, berries, and fruit trees. Use for 3-5 seconds only per plant, to avoid burning.



TurfBlaster 11-0-5-4S

-Liquid Plant Food-

Feed your lawn to make it the vibrant green you love with this easy-to-use fertilizer!

TurfBlaster is a great way to boost your lawn during the hot summer months. This liquid lawn food keeps grass roots healthy which helps combat against pests too.

Made with:

Iron to boost growth and vibrant color!

Kelp for root development and disease resistance!

FulvicBlaster to accelerate growth and stabilize nutrient!

Use with: Sports fields, golf courses, and residential or business lawns. Use for 3-5 seconds only per plant, to avoid burning.

The blaster line is available in quarts, 1 and 2.5 gallon jugs, 55 gallon drums, 250 gallon totes and tankers.



LIQUID SOIL AMENDMENTS

Organic!



Morgan's Organic Liquid Fish 3-3-2

This is a premium organic fertilizer that is pathogen-free, meeting all food safety standards. With a guaranteed analysis of 3-3-2, it increases nutrient supplies in the soil and stimulates existing microbes.

Available in 1 gal and 2.5 gal jugs, 55 gal drum and 250 gallon totes.



Organic!



FulvicBlaster (2.6 pH)

Made up of microscopic particles of carbon, this liquid makes it easier for plants to absorb minerals through their leaves. It helps stimulate plant metabolism and increases enzyme activity for accelerated plant growth.

Available in 1 gal and 2.5 gal jugs, 55 gal drum and 250 gallon totes.



Organic!



HumicBlaster

HumicBlaster helps soils retain nutrients and water. The organic acids and sugars present also stimulate and support a strong microbial population leading to healthier plants.

Available in 1 gallon and 2.5 gal jugs, 55 gal drum and 250 gallon totes.



LIQUID SOIL AMENDMENTS



CalBlaster w/ Mg

This liquid fertilizer for foliar feeding will reduce plant stress, aid plant growth and development, and correct nutrient deficiencies in plants that require more abundant supplies of calcium and magnesium. CalBlaster w/Mg is especially great for tomatoes, peppers, hops, hemp, and cannabis.

Available in 1 gal and 2.5 gal jugs, 55 gal drum and 250 gallon totes.

Organic!



Kelpful

Kelpful utilizes seaweed extract for vigor and stress tolerance. The fulvic acid increases absorption to treat transplant shock or chemical burn from too much fertilizer. It also improves firmness, color, size, and uniformity in a crop.

Available in 1 gal and 2.5 gal jugs, 55 gal drum and 250 gallon totes.



Organic!



HumiKelp

HumiKelp combines the benefits of humic acid and sea kelp extract for improved root growth, increased CEC, and better water and nutrient retention for more productive plants with higher stress tolerance.

Available in 1 gal and 2.5 gal jugs, 55 gal drum and 250 gallon totes.



SOIL CONDITIONERS

Azomite - Soil amendment

that contains over 70 different trace minerals, helping you grow nutrient rich crops. Use this product to provide season-long feeding to your plants. Available in Granulated, Micronized and Slow-Release. We have 10lb bags, 44lb bags and bulk super sacks. Call for size availability.



Organic!

Perlite - Perlite is a volcanic

mineral used for drainage and root strength. It has a neutral pH, is odorless, and non-toxic. It is available in medium, coarse, and super coarse in 4 cubic foot bags and 60 cubic foot bales.



Organic!

Vermiculite - Vermiculite

provides aeration and retention of minerals and moisture. It is pH neutral and non-toxic. Vermiculite aids in seed germination and enables plants to absorb potassium, calcium, and magnesium more efficiently. Available in 4 cubic foot bags.



Organic!

Sphagnum Peat - When

mixed with compost, sphagnum peat helps control compaction in soil. It helps with aeration, allowing nutrients, water and air to reach the plant's roots. Adding peat to your garden or containers will allow for longer water retention as well. Available in 3.8 cubic foot bales and 55 cubic foot bales.



Organic!

Paramagnetic Rock -

Paramagnetic rock is volcanic rock dust (basalt) that increases water retention and microbial stimulation. It also aids in nutrient uptake and seed germination. Available in 50lb bags and 2,000lb super sacks.



Organic!

Super GreenSand -

Super Green Sand is a great source of potassium and helps to retain water and nutrients. It improves plant health and can also loosen solid soils. Available in 11lb and 44lb bags.



Organic!

Carbonatite - Spanish River

Carbonatite is a type of rock that, when turned into powder, can be used as a slow-releasing lime. It can also serve as a source of additional potassium and magnesium in the soil and contains 70 different trace elements. Available in 40lb bags and 2,000lb super sacks.



Organic!

K*Ash (Sunflower Ash)

A source of Potassium from renewable source (not mined) with 4% phosphorus plus trace elements. Enriches the soil and tempers acidity. Improves soil structure and microbial flora. Beneficial for flowers and perennials when mixed with compost and other organic materials. Available in 40 lb bags and 2,000lb super sacks.



Organic!

Tennessee Brown Rock Phosphate

(Hard Rock Phosphate) - This is the cleanest and most affordable slow-release phosphorus. It increases photosynthesis, forage quality, and the plant's immune system. It also stimulates microbes. Available in 50lb bags and 2,000lb super sacks.



Organic!

Elemental Sulfur -

Elemental sulfur lowers the pH of soil and improves soil microbial health. With pH in balance, nutrients are available. Available in 50lb bags and 2,000lb super sacks. Available in 50 lb bags and 2,000 lb super sacks.



Organic!

Humates (Coarse Chips and Source 11)

- Humates are the purest form of natural organic carbon. Humates contain humic, fulvic, and ulmic acid and will boost crop production, strengthen root development, and improve soil quality. Available in 40lb bags and 2,000lb super sacks.



Organic!

Crab Shell Flour - an

excellent dry organic source of NPK, Calcium (23%) and Magnesium (1.33%). Crab Shell Flour will also help to create soil conditions that are naturally growth-suppressing for grubs, fungal organisms and other insects. Available in 44 lb bags or 2,000lb super sacks.



Organic!

Colloidal Phosphate (Soft Rock Phosphate)

- Colloidal Phosphate is slow-releasing phosphorus, but faster than Tennessee Brown Rock, best used around plants that hold blooms for a long period of time. Available in 50 lb bags and 2,000lb super sacks.



Organic!

Sulfate of Potash 0-0-50 -

Sulfate of potash is the highest source of organic potassium. It also offers sulfur that is needed for soil pH adjustment. Available in 50 lb bags and 2,000lb super sacks.



Organic!

Kelp Meal - Kelp meal

is made from dried ocean seaweed. It is full of beneficial micro- and macro-nutrients. Kelp meal improves plants' resistance to disease, boosts leaf production, and enhances crop size. Available in 40lb bags and 2,000lb super sacks.



Organic!

Wollastonite - Wollastonite

can neutralize soil acidity, help suppress diseases, and supply calcium and silicon. Available in 40lb bags or 2,000lb super sacks.



Organic!

Has Your Soil Foiled Your Garden Dreams?

“I just can’t grow carrots—my ground is all clay.”

“I can’t grow cucumbers, I’ve tried, they just don’t grow.”

Have you said something like this before? Gardeners will often survey their soil and come to the conclusion that they are limited in what they can grow. They forget that the soil is alive and capable of changing! The thought of trying to change your soil might be intimidating, but with a few tips and tools, you can do it!

Organic Matter is the Place to Start

Organic matter is a key ingredient for soil health and a great place to start no matter what kind of soil you have. The addition of organic matter helps break up clay or will also bind sandy soil. It puts biology back into the soil which improves drainage in clay but improves water retention in sandy soils. If you don’t think that is impressive enough, it also makes a welcome environment for earthworms.



Embrace the Earthworms!

Why roll out the welcome mat for earthworms? Earthworms help aerate your soil as they tunnel through and leave behind worm castings which improve the nutrients available in the soil for plants. The number of earthworms in your soil can actually be an indicator of how healthy your soil is. Remember, though, pesticides can kill off earthworms so following healthy and organic garden practices can help keep your underground neighbors happy and active. To learn more about earthworms and how to test for their presence in your soil, take a look at this article by Michigan State University Extension: canr.msu.edu/news/earthworms_can_be_an_indicator_of_soil_health

Look at Other Missing Nutrients & Minerals

A formal soil test can tell you exactly what your soil needs, but here are some general guidelines.

- A crusty, crumbly ground needs help with its soil structure, something calcium is great at.
- Is your garden growing but the yields aren’t really up to snuff? Adding sulfur to the soil enhances the nitrogen intake of your plants which improves your yields.
- Speaking of nitrogen, the big three nutrients for plants known as NPK (nitrogen, phosphorus, and potassium) are essential for plant growth and quality. Do you have enough present in your soils for your plants to thrive?
- Don’t forget about micronutrients either. Trace elements like copper, boron, zinc, and iron are “vitamins” for both plants and us. Make sure your garden is healthy so you know you are eating nutrient-dense food.

An Easy Solution

So what can help with everything we’ve discussed? If you guessed the product line from **DAIRY DOO** you are right! **DAIRY DOO** products blend science with common sense to make soils better for generations to come.



The original **DAIRY DOO** mix is an organic, high-quality, weed-free, designer compost that heals the soil. It is full of organic matter, nutrients, minerals, and biology. Use a little **DAIRY DOO** in conjunction with products like **DAIRY DOO**’s organic, granulated Healthy Garden Fertilizer, and you will be blown away by how much your soil can improve.

Don’t give up on your garden dreams because of the current state of your soil. And don’t stop surveying your soil either, that is an important step. Remember, though, it is only the *first* step. Just stop into your nearest **DAIRY DOO** dealer to ask for help with your garden and pick up the **DAIRY DOO** products you need to transform your soil!



Morgan Composting^{inc.}



Fall Application Guide

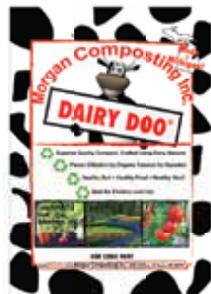
We often forget that many of the practices we use in our home gardens have been used in the farming world for hundreds of years. In order to get the most out of the crop residue left over on the field at the end of the year, farmers typically do a "fall application" of compost that helps the leftover stubble and plant material break down over the winter. When these leftovers are broken down by soil microbes, they release an amazing source of organic nitrogen, phosphorus, potassium and minerals - key players in soil health. This guide will explain how to utilize this idea in your garden.

Products to Use

HEALTHY GARDEN



DAIRY DOO



powered by
DAIRY DOO!

SAFE GREEN LAWN





PREPARE YOUR LAWN FOR WINTER

Most people don't realize that the best time of the year to feed your lawn or turf is in the fall. In Michigan, the timing is important. Turf experts recommend feeding grass in Mid-November to early December.

Where you're located in the state determines where in that timeline you would be; the UP and Northern Lower Peninsula should start in Mid-November, Central Lower Peninsula should feed at the beginning of December and the Southern part of the Lower Peninsula should feed in early December.

Of course, this is dependent snowfall amounts. Product can be spread on a light covering of snow.

Spread **SAFE GREEN LAWN** at a rate of 8-10# for every 1000 square feet.



PUT YOUR GARDEN TO BED

- 1) Knock down leftover plant material in your garden.
- 2) Cover with 1/2 inch of **DAIRY DOO®** and 2# of **HEALTHY GARDEN** for every 100 square feet
- 3) Rototill or disc plant material with **DAIRY DOO®** and **HEALTHY GARDEN** into existing soil and water well.
- 4) In the spring, add 1/4 inch of **DAIRY DOO®** your garden is ready to plant into once you rototill.



IF YOU HAVE VINE-LIKE PLANTS.....

With plants that are stringy or vine-like, pile away from garden. While piling plant material mix in **DAIRY DOO®** and **HEALTHY GARDEN**.

Mixing ratios are 4 parts of paper, leaves or sawdust to 1 part **DAIRY DOO®** to 1 part of plant material or grass clippings and 1 handful of **HEALTHY GARDEN**

In spring, spread your compost across your garden, till in 6 inches and water well. Rake smooth and plant away!

Depending on the types of plant matter that you're working with you can get as much as 60% of the N-P-K back that the plant took up during the growing season. Not only are you saving on fertilizer costs for the next year, but you are also building valuable carbon in your soil. This addition of organic matter feeds the beneficial soil bacteria and fungi; improving the health of the soil, your vegetables, the environment, and you!!

Store **SAFE GREEN LAWN** and **HEALTHY GARDEN** in dry area

Planting a tree? We've got some tips to share with you!



Give Your New Tree The Best Start Possible

First, give your trees the best start possible by planting them in nutrient-rich soil. If your soils are less than perfect, super sandy or heavy clay, don't worry! Just pick up some of **DAIRY DOO's Tree'nShrub!** **Tree'nShrub** jump-starts new and/or existing trees

and shrubs with a combination of **DAIRY DOO**, poultry compost, and double ground bark. This mix increases the soil's water-holding capacity and provides the nutrients necessary for colorful foliage in your plants.



Dig a hole twice the size of the root ball of your new tree. Pour 1/4-1/2 of a bag of **Tree'nShrub** into the hole and mix it with your existing soil. Gently loosen your tree from its container and lower it into your hole. Fill in around your tree with a mixture of your existing soil and **Tree'nShrub**, being sure to keep your tree straight as you fill in and adjust. Next, water well!!



Think About Future Growth Now

After filling in your hole, use **Tree'nShrub** to topdress the ground to the canopy line your tree should have in the next two years. Preparing the soil for future growth like this now will prevent your tree from becoming root-bound.

Each year topdress with **Tree'nShrub** again, extending out to the next year's canopy line.

If you've planted a fruit tree, such as an apple, cherry, or peach, pick up a bottle of **FruitBlaster** to use as a liquid fertilizer. This plant food includes potassium for improved fruit flavor and help for root development. Attach **FruitBlaster** to your garden hose and spray the leaves of your tree in a crisscross pattern for just 3-5 seconds. Repeat every 7-14 days.

Remember Seedlings Have Different Nutrient Needs

While **Tree'nShrub** is perfect for transplanting the trees and shrubs you would traditionally find at your nursery or garden center, we would suggest a different product when working with seedlings and bare root transplants. For these less established plants use **DAIRY DOO's VeggieDoo 301** as a substitute in the planting process. In each following year use **Tree'nShrub** to topdress.

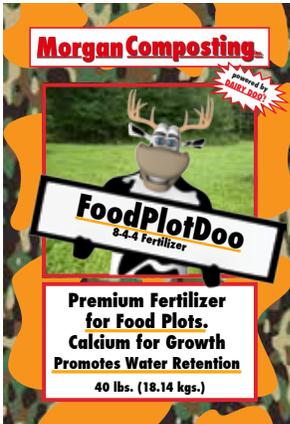


FOOD PLOTS

DALE MORGAN
2019

FoodPlotDoo 8-4-4 4%Ca

Want to grow successful food plots? This is the product for you! This fertilizer is a complete blend with extra calcium to promote growth and will improve organic matter, create better water retention, and bring minerals back into the soil.



Granulated for easy spreading with push, pull, bag or cone spreaders. We suggest using 300-600lbs per acre on new plots. Established plots should receive 200-400lbs per acre. Available in 40lb bags, 1 ton super sacks, and bulk.



TRY MORGAN'S SPECIAL SEED BLENDS HAND-CRAFTED FOR SUCCESS:

- **Morgan's Big Buck**
Berseem Clover, Ladino Clover, Medium Red Clover, Vernal Alfalfa, White Dutch Clover
- **Triple Threat**
Purple Top Turnip, Dwarf Essex, Rape, Ecotill Radish
- **Deer Pasture**
Alfalfa & Trefoil
- **Chicory Mix**
Chicory & Kale
- **Throw & Pray**
Rye, Buck Oats, Buckwheat
- **Bed & Breakfast**
Sorghum, Field Pea, Lentil Beans, Sun Hemp, Broom Grass, Sunflowers
- **Trump Wall**
Egyptian Wheat, Sun Hemp, Sudan Sorghum

Layer Ash Blend (3-2-1 7% Ca)
(with or without Gypsum) - High carbon, chicken manure blend improves water retention, aids in soil improvement and increases nutrient availability. Need Calcium? Add Gypsum for extra calcium and sulfur benefits.

AlfaBlaster 1-5-13 (Liquid)

This liquid carbon helps with water retention and is packed full of minerals to help growth. Works great on alfalfa, clover, peas, and soybeans.

Use 2.5 gallons per acre with 15 - 25 gallons of water every 3 weeks.

Available in 2.5 gallon jugs, 55 gallon drums, 250 gallon totes, and bulk.



ForageBlaster 11-0-5 (Liquid)

The ability to improve your rye, forage oats, radishes, turnips, and more will be at the tip of your fingers with this liquid fertilizer. With micro-nutrients and carbon, this is a well-rounded, sustainable fertilizer.

Use 2.5 gallons per acre with 15-25 gallons of water every 3 weeks.

Available in 2.5 gallon jugs, 55 gallon drums, 250 gallon totes and bulk.



**ARE YOU SERIOUS ABOUT YOUR FOOD PLOT?
NOW AVAILABLE FROM**

Morgan Composting inc.

**PLOTMASTER SYSTEMS
RETAIL PRICING**



HUNTER 300

****VALUE BUY****

\$4,874.10



'The Ultimate Planting Machine,' The Plotmaster™, by Plotmaster Systems LLC., with its patented design is the complete package for your plot planting needs. The Plotmaster™ Hunter 300 (3-ft model) will reach places you've only dreamed of planting plots. It's easy and simple with the Plotmaster™.

Recommended use: ATV - 500CC or Larger - 4 Wheel Drive

Unit Includes:

Unique Down Pressure System for the 1 point Hitch, Disc Harrow, Electric Versa Seeder, *NEW* Linear Lift System (18 second retraction/extension), Cultipacker/Drag with Metal Grating. (Units can also be converted for use with Tractor 3 PT. Cat. 1)

Disc Harrow:

- 10 Heavy-Duty 16" Notched Disc with Sealed Bearings
- Maximum cutting width: 36"

Versa Seeder System:

- New, Patent-Pending Versa Seeder, Reverse Auger Brush System designed to plant all types of seeds and seed blends.

Dimensions:

- Folded Length: 68"
- Hitch Extended: 99"
- Machine Width: 38"
- Wheel Width: 54"
- Overall Height: 40" (Lowered Position)
- Overall Height: 48" (Raised Position)
- Weight: 626#

AVAILABLE ATTACHMENTS

CHISEL PLOW (works on 3' or 4' units)..... **\$464.84**

TURNING PLOW (works on 3' or 4' units) **\$486.50**

3" GRAIN DRILL (works on 3' units only)..... **\$378.17**



**NEED SOMETHING BIGGER?
ALSO AVAILABLE FROM**

Morgan Composting inc.

**PLOTMASTER SYSTEMS
RETAIL PRICING**



HUNTER 400

****TOP SELLER****

\$5,740.68



'The Ultimate Planting Machine,' The Plotmaster™, by Plotmaster Systems LLC., with its patented design is the complete package for your plot planting needs. The Plotmaster™ Hunter 400 (4-ft model) will reach places you've only dreamed of planting plots. It's easy and simple with the Plotmaster™.

Recommended use: ATV - 500CC or Larger - 4 Wheel Drive

Unit Includes:

Unique Down Pressure System for the 1 point Hitch, Disc Harrow, Electric Versa Seeder, *NEW* Linear Lift System (18 second retraction/extension), Cultipacker/Drag with Metal Grating. (Units can also be converted for use with Tractor 3 PT. Cat. 1)

Disc Harrow:

- 12" Heavy-Duty 16" Notched Disc with Sealed Bearings
- Maximum cutting width: 48"

Versa Seeder System:

- New, Patent-Pending Versa Seeder, Reverse Auger Brush System designed to plant all types of seeds and seed blends.

Dimensions:

- Folded Length: 68"
- Hitch Extended: 99"
- Machine Width: 48"
- Wheel Width: 58"
- Overall Height: 40" (Lowered Position)
- Overall Height: 48" (Raised Position)
- Weight: 646#

AVAILABLE ATTACHMENTS

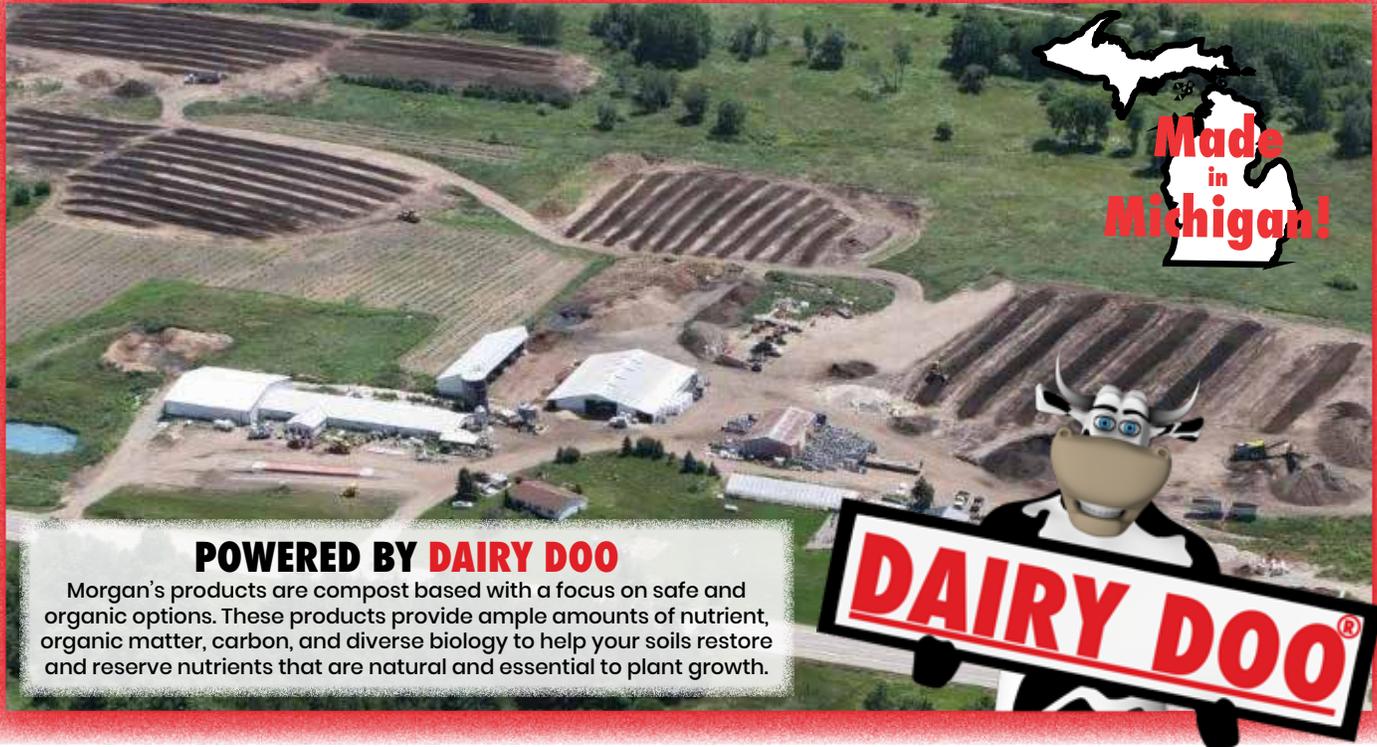
CHISEL PLOW (works on 3' or 4' units) \$464.84

TURNING PLOW (works on 3' or 4' units) \$486.50

4" GRAIN DRILL (works on 4' units only) \$378.17



Morgan Composting inc.



POWERED BY DAIRY DOO

Morgan's products are compost based with a focus on safe and organic options. These products provide ample amounts of nutrient, organic matter, carbon, and diverse biology to help your soils restore and reserve nutrients that are natural and essential to plant growth.

How We Began

Morgan Composting is a family business that was started in 1996, by Brad Morgan and his father Dale. The Morgan's began composting as a solution to a manure management problem on their 200 head dairy operation. Now, the cows have been sold and just a composting operation remains.

Our Philosophy

We believe that there is no silver bullet, but if we can build layers of good practices, we can achieve healthy soils and healthy plants. This equals a healthy YOU! Our goal is your goal, so when a grower asks us "how do I get there?" We start at the beginning and ask where you're starting from. With a well trained staff, along with an agronomist, to help recommend and implement a good, efficient plant specific program, we'll get you THERE.

Our Mission

Morgan Composting strives to be a driving force in Agribusiness that promotes sustainable practices, and to be an innovated provider of economical & healthy soil products. Our mission, what MCI is about ... is to strive for excellence in our service to customers, our community, and the environment.

- Morality, ethics, and goodwill
- Organic integrity and promotion
- Respect, reliability, and recognition
- Growing, growing, and growing!
- Ability to be diverse in all growing sectors
- New opportunities are constantly sought out
- Sustainable and sound economical products

Family Owned and Operated ~ Established 1996

www.**DAIRYDOO**.com **MorganComposting** inc. 4353 US 10 Sears, MI 49679