

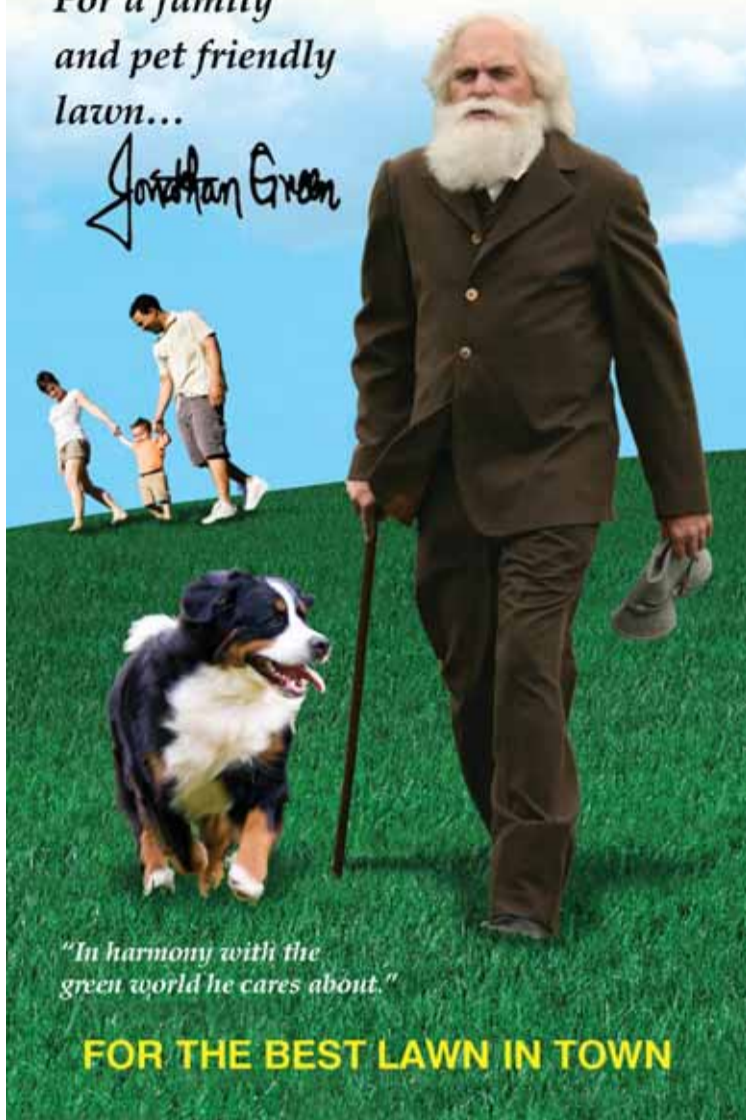


Jonathan Green Organics

Product Guide

For a family and pet friendly lawn...

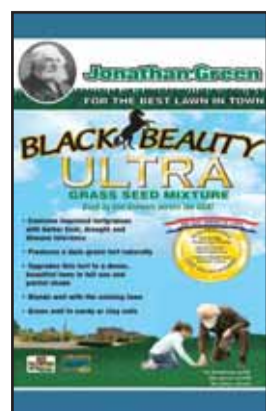
Jonathan Green



"In harmony with the green world he cares about."

FOR THE BEST LAWN IN TOWN

Through my research program, I have developed lawn grasses that are truly superior. These perennial turfgrasses produce a beautiful lawn, even under tough growing conditions. These Jonathan Green perennial grass seed mixtures contain endophytes; that impart natural insect resistance - reducing the need for toxic chemicals. These grass seed mixtures are designed for organic programs, so they require less water & fertilizers, and possess more drought, heat tolerant and insect resistant varieties.



Superior genetics and turfgrass species diversity. Contains improved turfgrasses with better heat, drought and disease tolerance. Great for an organic lawn! Upgrades thin turf to a dense, beautiful, dark-green lawn in full sun or partial shade. Germinates fast to fill in bare spots. High in endophytes to help deter insect damage.



Grows well in shady areas. Adapted to grow in dry and infertile lawn areas. Blends well with existing grasses. High in endophytes to help deter insect damage. Survives in dry or damp shade.



A hardy, perennial mixture of grasses that survive in tough areas of the lawn that receive hard wear. Contains elite turfgrasses that are high in endophytes to help deter insect damage.



Produces a darker-green turf naturally, with improved disease resistance and drought tolerance. Roots deeply, grows well in full sun or partial shade. High in endophytes to help deter insect damage.



Grows well in sun and partial shade areas. Contains elite turfgrass varieties with a wide range of adaptability. High in endophytes to help deter insect damage.



Deeply rooted, elite turfgrasses that help keep your lawn green during hot Summer weather. Contains grasses that are high in endophytes to help deter insect damage.



Provides a perennial lawn in sunny areas of the highest quality. Contains endophytic lawn grasses to help deter insect damage.



These shade tolerant grasses provide a perennial lawn of the highest quality. Contains endophytic lawn grasses to help deter insect damage.



This mixture is especially formulated for successful Fall seeding. Repairs Summer damage - blends with existing turf and produces an attractive, thicker, greener lawn. Contains elite turfgrasses that are high in endophytes to help deter insect damage.

The Importance of Lawn Seeding

Often the best way to upgrade the lawn is to introduce superior grass seed. The best defense is a good offense, and the first step to controlling weed competition is to introduce competitive turfgrasses into the lawn. You will want to fertilize with either my Organic Lawn Fertilizer or my Natural Beauty Organic Lawn Fertilizer when seeding. An application of my MAG-I-CAL Calcium Fertilizer at this time would also be beneficial before seeding.

The Role of Endophytes in Turfgrasses

Certain lawn grass plants contain beneficial fungus called Endophytes. While living synergistically off the grass plant, Endophytes produce defensive compounds, called alkaloids, that are detrimental to above ground feeding insects.

- Endophytes are all natural and do not diminish over time in the living grass plant.
- Endophytes reduce the need for chemical pesticide treatments of the lawn.



- Superior family of Kentucky Bluegrass varieties
- Exclusive to Jonathan Green seed mixtures
- Developed by using the new photo-chemical efficiency and anti-oxidant evaluation tests

"Used by Sod Farmers to produce Kentucky Bluegrass Sod."



- Enhanced dark-green color and uniformity of leaf texture
- Tolerates heat and drought stress
- High in beneficial Endophytes for natural insect resistance

"Where there is an open mind, there will always be a New Frontier."



- The most advanced shade tolerance in the fine fescue family
- Mixes well with other grasses
- Performs well in poor soils of lower pH with limited maintenance

"Soaring above the ordinary."

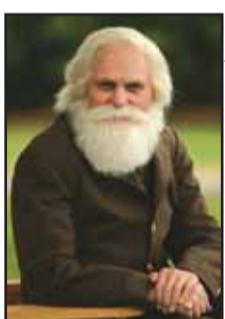


- Vibrant dark-green color
- Invisible waxy coating, like the shine on an apple, wards off disease and preserves plant moisture
- Uniform leaf size and texture
- High in beneficial Endophytes for natural insect resistance

"Used by sod growers across the USA!"

Jonathan Green ORGANIC LAWN CARE PRODUCTS

Organic lawn care promotes healthy soil which has a proper balance of living organisms, minerals, nutrients and organic matter. Lawn care methods using synthetic materials bypass natural cycles to directly feed the plant and not the soil. This approach leads to a weak root system, making the turfgrass more susceptible to insects, disease and drought.



Jonathan Green



Dear Folks,

The organic system of lawn fertility, based on the use of natural organic materials as the source of all fertility, has merit. This is not a new approach to the subject of lawn care and soil management; it is the oldest method of trying to make the soil more fruitful. It is a method whereby nature's own laws of maintaining fertility are applied. Healthy soil is a living, breathing system. It contains essential minerals, air, water, a wide variety of living organisms, and the decaying remains of dead ones.

The ultimate goal of my Organic Lawn Care Programs is to improve the soil, making it more hospitable for lawn grass plants.

Why Care for Your Lawn Organically?

Synthetic chemical insecticides, fungicides and weed controls have the potential of killing the "soil life". My Organic Lawn Care Programs do the opposite. They encourage "soil life", including earthworms, in the work of recycling organic matter. The maintenance of natural soil fertility and health is the fundamental basis for the development of a healthy lawn that is better able to withstand drought, and resist insects and disease.

Sincerely,

Jonathan Green
Seedsman
Duxbury Farm



ORGANIC LAWN FERTILIZER

A complex, homogenous, ALL ORGANIC lawn fertilizer that provides excellent turf nutrients for 8-10 weeks. Contains kelp, feather, bone and blood meals, amino acids and humates. Contains no animal manures.

Provides a slow, gentle feeding, promoting a healthy, thick, dark-green lawn over time. Provides carbon, which feeds beneficial soil microbes. Prevents thatch buildup and helps stimulate the decomposition of existing thatch and increases earthworm activity.

Apply at heavy rate when seeding lawns or to rejuvenate sick, tired lawns.



ORGANIC WEED CONTROL plus FERTILIZER

Provides superior pre-emergent weed control plus organic fertilizer.

Prevents over twenty grassy and broadleaf weeds - such as Crabgrass, Dandelions, Bermudagrass, Orchardgrass, Barnyard grass, Purslane, Curly Dock, and Clover from growing.

Easy to spread granules provide even weed control, plus feeding and superior greening.

For best results, apply in Spring and Fall. If weeds are excessive, we recommend applying at the heavy rate of 20 lbs. per 1,000 square feet in Spring and Fall. Do not sow grass seed for 60 - 90 days after using this product.



MAG-I-CAL Pelletized Soluble Calcium Fertilizer

Contains 35% available calcium - essential for healthy lawns and humates for improved root growth development.

Raises soil pH rapidly and releases trapped nutrients utilizing patented technology.

Rich in calcium - essential for healthy lawns.

Easy to spread pellets that improve soil structure and the effectiveness of other fertilizer applications.

CONTAINS HUMATES

Decomposed organic substances that are millions of years old!

- ✓ Enhances grass seed germination and grass plant root development
- ✓ Enhances overall plant health and stress resistance



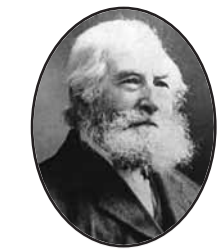
NATURAL BEAUTY ALL ORGANIC LAWN FERTILIZER Helps restore soil life!

An ALL ORGANIC, homogenous lawn fertilizer that is rich in primal humates to help restore soil life, resulting in a beautiful, healthy lawn. Contains Amino Acids, vitamins and polysaccharides naturally derived from fruits and vegetables.

A complex, ALL ORGANIC lawn fertilizer that provides excellent turf nutrition for 8 to 10 weeks. Eco-friendly formula - no phosphorus, great for lake and bay communities. Contains no animal manures.

Provides carbon, which feeds beneficial soil microbes. Prevents thatch buildup and helps stimulate the decomposition of existing thatch. Increases earthworm activity.

Apply at heavy rate when seeding lawns or to rejuvenate sick, tired lawns.




Jonathan Green

FOR THE BEST LAWN IN TOWN

Choose the program (A,B,C or D) that best suits your lawn's needs & read DOWN the column for that program's 4 steps.

MY ORGANIC LAWN CARE PROGRAMS GUIDE

My Organic Lawn Care Programs aid in the development of an infinitely complex substance that we call soil. Healthy lawn soil is rich in organic matter and soil life. Healthy lawn soil holds water, resists erosion, wards off disease and provides a favorable environment for the growth of lawn grass. These programs are presented only as a guide. You should access your own lawn to determine the best course of action. Often the best way to upgrade your lawn is to introduce superior lawn grasses. Along the idea that the best defense is a good offense; the first step in controlling weed competition is to introduce competitive turfgrasses into the lawn. You can fertilize with either my Organic Lawn Fertilizer or my Natural Beauty Lawn Fertilizer before seeding. An application of my MAG-I-CAL Fertilizer at this time would also be beneficial before seeding. Remember, if you apply my Organic Weed Control plus Fertilizer, do not seed for 60 - 90 days. Time your lawn applications at 6 to 8 week intervals as you progress through the seasons. If there are multiple products in a program step, you may apply them on the same day in any order.

STEP	SEASON	STANDARD LAWN PROGRAM A	SPRING SEEDING PROGRAM B	FALL SEEDING PROGRAM C	DELUXE LAWN PROGRAM D	WHAT PRODUCTS TO APPLY	WHEN TO APPLY		
1	Early Spring  <i>At last! At last! Every Winter will change to Spring. That is my dream.</i>	 	 & apply grass seed 	 	 				
		Grass Seed Recommendation							
		2	Late Spring - Summer  <i>Golden sunshine, flowers blooming again... happy hours...</i>	 OR 	 OR 	 OR 	 OR 		
				3	Late Summer - Early Fall  <i>Happy times on a Summer's day...</i>			 & apply grass seed 	
4	Fall  <i>The mists of morning - the golden sunshine of mid-day - the crisp air of evening - Fall is here...</i>	 OR 	 OR 			 OR 	 		



There is nothing lovelier on this planet than a flower, nor more essential than a plant. Without green plants, we would neither breathe, nor eat, nor know true beauty.

The Organic Method

The Organic Method involves the return of organic materials to the soil from which they originally came. Two processes drive the world of living things - growth and decay. The one is the counterpart of the other. The energy for growth comes from the sun. The green leaf is the mechanism by which the sun's energy is converted into food. The green leaf is, therefore, of supreme importance, as it is the food supply of this planet.


The Wheel of Life

The Wheel of Life refers to a great cycle of processes: birth, growth, maturity, death and decay of both animal and vegetable beings. These processes are more permanent than the rocks, which are subject to dissolution by physical, chemical and biological forces.

The Health of the Soil

The soil is a teeming world of living organisms. Countless billions of fungi, bacteria and protozoa live and die in the water films on the soil particles and in the humus. The health of the soil is connected to the health of plants, animals and ultimately man. The nourishment of the soil is at the root of all health. Therefore, lawn grass plants living in biologically active, healthy soil are better able to ward off disease, survive droughts and thrive.

TIPS FOR YOUR ORGANIC LAWN

- Before starting any lawn care program, a soil test should be performed to determine your soil's pH level. Apply MAG-I-CAL and/or soil amendments to reach a desirable pH level. When soil is balanced, lawn growth thrives and the incidence of weeds is reduced. Look for my Soil pH Test Kit. 
- One of the best ways to control weeds is to seed with superior turfgrass plants that compete successfully in the lawn. Core or slice aeration of the soil before seeding will improve germination and alleviate compaction. Aeration of the lawn helps the grass roots and fertilizer enter the soil profile and increases bio-activity.

- The best defense against insect pests is seeding with one of my grass seed mixtures that contain endophytes, which impart natural insect resistance. A deep, full root system can withstand the presence of some grubs. Remember, if you need to treat for grubs, they are only present in sunny areas.
- A cutting height of 2 1/2 to 3 inches helps to prevent disease and shades the soil to inhibit weed seed germination. Also, lawns that are mowed higher require less watering.
- Keep your mower blades sharp so they don't shred the grass - making it vulnerable to disease. Rotate your mowing patterns. Reduce your carbon footprint: use an electric mower or hand push mower.

- Leave grass clippings on the lawn, as long as they are not in clumps, to decompose and return nutrients and water back into the soil. Mulching mowers work very well and are designed to finely shred clippings. Clippings do not promote thatch.
- Water longer and less often to encourage deep root growth. Your grass needs about one inch of water per week. The best time to water is early morning, avoid watering at night.
- If you really can't live with weeds - dig them out & reseed bare spots.
- Be aware of local ordinance requirements concerning fertilizers. They may limit or prohibit fertilizer applications from late fall to early spring.

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