



100% Pure Organic Earthworm Castings Proudly Made In Pennsylvania, U.S.A.

-ADD TO YOUR GARDEN-SEE THE BENEFITS-

Vigorous Plant Growth Fibrous Root System Improved Aeration of Soil

Beneficial Microbes Improve Nutrient Uptake

Family Owned - Locally Produced in Blair County, Pennsylvania.

What Are Earthworm Castings?



Greenleaf Farm Pure Organic Earthworm Castings is an all-purpose natural fertilizer that comes to you straight from nature with no alterations whatsoever. Our cultured nightcrawlers are fed a very rich organic material, which contains a wide variety of minerals and trace elements. The earthworms digest this material and in its' passage through the worm, it is beneficially altered both chemically and physically. The end product is "super humus" an extremely fertile organic fertilizer properly conditioned for best root growth, containing in rich proportion and water-soluble form, all the elements required of the earth's soil for optimum plant nutrition. Earthworm castings can provide performance above and beyond that of conventional fertilization methods for all plants. At the same time, it is completely safe for all plants, pets and people in any concentration.

Why Do They Work So Well?



Greenleaf Farm Pure Organic Earthworm castings contains rich proportions of water-soluble nutrients and allows plants to quickly and easily absorb all essential nutrients and trace elements. This is possible because the worm grinds and uniformly mixes the nutrients and trace elements in simple forms, so plants need only minimal effort to obtain them. This is not the case with most other natural fertilizers. Another point in favor of Greenleaf Farms Pure Organic Earthworm Castings is the high concentration of beneficial bacteria and microbes added to them by the earthworm in the digestive process. These microscopic creatures help different elements of the soil work in conjunction with each other to create healthy, working soil that provides the best possible atmosphere for optimum growth. The simple fact is that Earthworm Castings were created by nature for the purpose of promoting optimum plant growth and everything required to provide it is found in them. When you concentrate this odorless, non-burning miracle of nature in greater concentrations than usually found in nature, the results are truly spectacular.

How do I use them?



Easy to follow Directions for Use for Home Growers have been provided in the **GREEN DISPLAY FLYERS** and also on our website at **WWW.GREENLEAF-FARM.COM**

Below are two examples:

Vegetables and Annual Flowers: Line bottom and sides of plant holes and seed furrows with 1"-2" of Greenleaf Farms Worm Castings. Set seeds or plants in place and cover with soil. Side dress during growing seasons at a rate of 1/2 cup per plant or 1 cup per linear foot of row once every 2 months. **Transplant:** Place 1/2 handful into hole. Add plant and fill hole with soil. **Established:** Use 10-20lbs per 1,000 sq.ft. Sprinkle on soil near plant and water.

Potted Plants and Seeds/Seed Flats – New: Potting mix: use 1 part Greenleaf Farms Worm Castings to 4 parts soil. **Established:** Add 1" of Greenleaf Farms Worm Castings to top of soil. Mix in taking care not to damage shallow roots – water – repeat every 2-3 months.

(Also refer to directions for: Perennials, Roses, Tree Shrubs, Berries, and Lawns, and Worm Casting Tea)

WWW.GREENLEAF-FARM.COM **[+1(814) 441 – 4967]** **BSCOTTG@COMCAST.NET**

What are the packaging options?

There are multiple packaging options available; **we offer 1, 2, 4, 10, and 30lbs.** polybags. The smaller bags are resalable. Bulk purchases are also available in up to one-ton bulk bags. Shelf life is not an issue for worm castings if they are stored indoors and sealed from sun and moisture.

What size bag do I need Estimator Table:

Bag lbs.	Gallon	Sq. FT	Plants
1	0.25	50	4
2	0.5	100	8
4	1	200	16
10	2.5	500	40
30	6	1500	96

Topdress Garden at 20lbs. per 1000sqft. OR Transplant at 1 cup per plant hole



How much should I purchase?

For houseplants start with a 2 or 4lb. bag. Scratch a cup of pure castings into the top layer of each plant without damaging the roots and water as normal. Repeat monthly. **Give your houseplants a boost.** For standard and raised bed gardens buy in larger quantities to match the size of your garden. If you are working with good soil you will need less. Top dress with ½" of castings and use a cupful in each transplant hole. Water as normal. Repeat top dress every 2-3 months.

What is the nutrient analysis?



GUARANTEED ANALYSIS

DRY BASIS RESULT

Total Nitrogen (N)	1.97%
Phosphorus (P ₂ O ₅)	0.42%
Potassium (K ₂ O)	0.51%
Calcium (Ca)	7.20%
Magnesium (Mg)	1.00%
Copper (Cu)	22.02 mg/kg
Iron (Fe)	10335.58 mg/kg
Zinc (Zn)	159.23 mg/kg
Molybdenum (Mo)	2.5 mg/kg
Nickel (Ni)	10.0 mg/kg
Selenium (Se)	2.6 mg/kg

While worm castings offer a wide range of nutrients, they may not provide sufficient quantities of specific nutrients required by certain plants or in particular soil conditions. In such cases, supplemental fertilizers might be necessary to meet the plants' nutritional needs.

About Greenleaf Farm:



We are a small family operated business located on a farm in central Pennsylvania. My wife and I started up in 2023 after securing the processing equipment and the breeder night crawlers from a large producer in the Midwest. We faced many production challenges in the first year and now in our second year we are producing 2 tons of these pure castings every month. Expansion plans will enable this production to double. We operate in a heated controlled environment production room in an upgraded dairy barn. We follow a production method, which yields high volumes of consistent and very high-quality pure earthworm castings. We harvest fresh castings every two weeks into large bulk bags. Our feedstock includes completely finished compost and a special protein recipe both of which are pure organic. No chemicals are ever added. No garbage or food waste is used. Our night crawlers are specially cultured from a species that produces the finest quality castings. We have direct sales from our farm stand. We are connecting with the nursery and garden supply stores to offer this high-quality product at the same location where you buy your plants. Our online store will soon be open.