

ReplenishTM 5-4-5

All Purpose Organic Fertilizer

EARTHWORKS NATURAL ORGANIC PRODUCTS, INC.

Replenish 5-4-5 is at the core of our philosophy: complete nutrition for the plant *and* the soil. 5-4-5 is an all-purpose Formulated Natural Organic fertilizer that can be used for any turf or ornamental application without fear of burn or salt build up.

The **Replenish** line of Fertilizers are complex **Formulated Dry Organics**.

EarthWorks is dedicated to formulating the most agronomically complete products available. We have over 20 years of experience in working with biological soil management programs and our fertilizers are designed to maximize the microbial activity in any soil, providing a healthy environment for plants to flourish. Healthy soil promotes a healthy plant. We start with mineral rich poultry compost from egg laying birds that has gone through two digestion cycles. This double-digestion process, results in a compost with readily available nitrogen, phosphorus, potassium, and calcium for the plant *and* carbon for soil microbes. Once the raw material has been composted, a large percentage of rock mineral is added. The final product is a combination of sustainable & readily available compost with needed minerals.

The **Replenish** products do much more than provide nutrients to the plant, They do the same for the soil! **The EarthWorks Formulated Organics replenish** these needed minerals and composts to both the soil and the plant for lost lasting color and growth.

EarthWorksTM
Natural Organic Products

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800-732-8873
Fax: 610-250-7840
soilfirst.com

Available in greens grade, standard grade

FORMULATED DRY ORGANICS

*Chicken
Compost
(Rich in Ca)*

*Hard Rock
Phosphate*

*Soft Rock
Phosphate*

Potassium Sulfate

ReplenishTM 5-4-5

EarthWorks is the only major manufacturer of Natural Organic fertilizers to use a truly agronomic approach to formulating products. For over twenty years we have been developing soil and plant focused products. **Replenish** 5-4-5 is a Formulated Organic. It is 77% composted material, while the rest of the formula is made up of rock minerals. The carbon helps to stimulate soil microbes and the minerals **replenish** the soil from the loss taken by the constant uptake by plants. The mineral value of 5-4-5 is significant. Although these minerals are not all immediately soluble, they are sustainable and plants can use them when they need them most.

Guaranteed Analysis

Total Nitrogen (N) 5.00%
1.30% Ammoniacal Nitrogen
1.00% Other Water Soluble Nitrogen **
2.70% Water Insoluble Nitrogen *

Derived From: Composted poultry manure, rock phosphate, sulfate of potash, ammonium sulfate, and methylene urea.

Available Phosphate (P₂O₅) 4.00%
Soluble Potash (K₂O) 5.00%
Calcium (Ca).....6.00%
Sulfur (S) 3.00%
3.00% Combined Sulfur (S)

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

Guaranteed Analysis

77% - Organic matter (derived from composted poultry manure, contains carbon)

23% - Total Other Ingredients

Organic matter in the composted poultry manure is a source of carbon that serves as food for soil microbes

APPLICATION RATES & PROGRAMS:

Directions for Use

Turf (all grasses)

Apply 10 pounds of 5-4-5 per 1000 square feet of turf area (1/2 lb of nitrogen per 1000 sq ft), 4 to 6 times a year as needed. For best results, adequate irrigation should be practiced after application and throughout the growing season.

Shrubs (1 to 4 feet of canopy)

Apply 1 pound of 5-4-5 around the base of the plant and lightly work into the soil, being careful not to disturb surface roots. Larger shrubs or stressed plants will benefit from larger feedings. Apply in Spring and Fall, thoroughly watering after each application.

Trees

For young or small trees (1 to 3 inch diameter) apply 2 to 3 pounds of 5-4-5 per inch of trunk diameter evenly under the canopy drip line. Increase the application rate to 3 to 4 pounds for larger trees. Apply in Spring and Fall, thoroughly watering after each application.

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