

Replenish fertilizers all start with an OMRI listed, organic compost base. Our egg laying chickens receive a mineral rich diet, particularly calcium, to build eggshells. Much of the minerals fall through the bird into our compost. Two biological digestions take place: one through the bird, the second one at our composting facility. The result is a mineral rich and biologically active compost fertilizer. It then moves to our production facility where it is blended and prilled, under low heat to protect microbes, then bagged and readied for application.

## Replenish 5-4-5

*The flagship carbon based all purpose fertilizer*

1. The base material is twice digested compost that is then blended with rock minerals, sugars and a touch of methylene urea keeping the carbon to nitrogen ratio very strong.
2. One of the most popular carbon-based fertilizers in the turf industry and a go to product on greens, tees, fairways, sports turf, lawns and gardens because of its ability to stimulate microbial populations in the root zone.
3. Can help keep pathogens in check by promoting a healthy population of beneficial bacteria and fungi that fight off pathogenetic organisms. As more nutrients mobilize through microbial digestion, plants stay strong enough to fight off insect attack.
4. A dust free, homogenous formula, that is easy to spread and available in a fine grade that will fall into a low-cut turf canopy helping to reduce product pick up.

**Replenish 5-4-5 is the most complete granular carbon-based fertilizer available.** The compost comes from egg layer chickens. The chickens are fed a very mineral rich diet, most of which they cannot process completely so it falls to the compost. This material is digested once by the bird and then digested a second time for six to twelve months in a composting facility producing a biologically and mineral rich fertilizer.

**Replenish 5-4-5 promotes soil health by feeding soil microbes both available carbon and minerals.** Rock minerals are added to the formula to work alongside what the birds are fed to provide long lasting nutrient to the plant. Re-mineralizing a soil is one of the most important tools used in good biological soil management.

**Replenish 5-4-5 is prilled to both a greens and standard grade and is easy to use in any application at any time of year.** It is very effective as a winter feed product producing great green up in early spring. Many clients use it in a small but frequent application monthly all through the summer months to help maintain needed moisture and keep the turf healthy through the toughest part of the year.

### APPLICATION RATES

**Turf:** 10 lbs./1000 sq. ft. provides ½ lb. of N

Increase application rate up to 20 lbs./1000 sq. ft. for dormant feeds or stressed turf

Reduce rates to 5 lbs./1000 for monthly applications

**Landscape:** Use 1 cup of product for every 1" diameter of trunk for new trees and use 2 cups in the planting hole for five-gallon containers. Adjust accordingly.

**Flower Beds:** Work 1 lb./100 sq. ft. at time of planting. Follow the same rates for maintenance applications.

*Available in both a greens and standard grade prill.*

**EarthWorks**<sup>TM</sup>  
A Deeper Respect

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