

Replenish 5-4-5 FORTIFIED ORGANIC FERTILIZER

The 5-4-5 is the flagship of the entire EarthWorks product line. Effective in all horticultural applications, supplying the soil with rich amounts of organics, minerals and available carbohydrates.

Layer poultry compost, hard rock phosphate, soft rock phosphate, greensand, potassium sulfate, dakota dry humic acid, molasses

Total Nitrogen (N).....	5%
Water Soluble Nitrogen.....	2%
Water Insoluble Nitrogen.....	3%
Available Phosphoric Acid (P ₂ O ₅).....	4%
Soluble Potash (K ₂ O).....	5%
Calcium.....	3%
Sulfur.....	2%

Application: 10-20 pounds per 1,000 sq. ft.
*Available in both Standard and Greens Grade.

Replenish 10-2-5

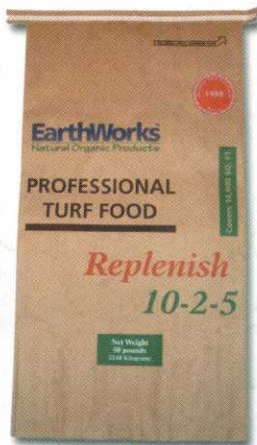
AMMONIUM SULFATE FORTIFIED FERTILIZER

Ideal blend of soluble ammonium sulfate and bio-active organic material.

Layer poultry compost, ammonium sulfate, methylene urea, potassium sulfate, dakota dry humic acid, molasses

Total Nitrogen (N).....	10%
Water Soluble Nitrogen.....	5%
Water Insoluble Nitrogen.....	5%
Available Phosphoric Acid (P ₂ O ₅).....	2%
Soluble Potash (K ₂ O).....	5%
Calcium.....	3%
Sulfur.....	2%

Application: 3-15 pounds per 1,000 sq. ft.
*Available in both Standard and Greens Grade.



- 1. Soil test** - to determine basic nutrient needs such as calcium, potassium, magnesium and phosphorous
- 2. Calcium** - if limestone is needed in large quantities, it is best to apply up to 20 lbs of gypsum per 1000 sq. ft. 2-4 weeks before aerification and then add the required limestone into the aerification holes. This allows for exchange of other nutrients off the soil colloid
- 3. Magnesium** - if the soil test shows a need for magnesium, either Pro-Mag or Sul-Po-Mag can be applied at time of aerification, although Sul-Po-Mag is fairly soluble and does not have to be applied in aerification holes.
- 4. Potassium** - Potassium sulfate is very soluble and is best applied over the top of the turf and not in the aerification holes, but Eco-Lite, a physical amendment and sustainable form of potassium is best applied in the holes at high rates.

- 5. Phosphorous** - if phosphorous is called for on the Soil First soil test, two forms are most likely recommended. MAP is a soluble form of phosphorous and should be applied over the top of the turf, but rock phosphate should be applied into the aerification holes.
- 6. Organic amendments** - aerification is the best time to apply organic fertilizers because they are designed to feed the soil
- 7. Nitrogen** - soluble forms of nitrogen can help heal aerification holes but is best applied over the top of the turf

Aerification: This is the best time to add needed sustainable nutrients and food sources such as rock minerals and carbon (limestone, rock phosphates, organic fertilizers and physical amendments). The soluble nutrients such as nitrogen, gypsum and potassium sulfate can all be added to the soil surface before or after aerification.



2797 Eagandale Blvd. ♦ Eagan, MN 55121
651-454-3106
1-800-551-4857

The “Hole Truth”

Organic fertilizers are used to feed and build the soil. The best time to add organics is when you have open aerification holes in the ground.

The EarthWorks Replenish line of Formulated Organic Fertilizers will:

- Re-mineralize the soil
- Provide needed available carbon
- Create "energy" so the plant can manufacture proteins
- Supply as much as 60% more organic than a meal-based product for the same cost

Replenish is available in standard and greens grade in the following formulations:

- 5-4-5 fortified organic fertilizer
- 10-2-5 organic with ammonium sulfate



EarthWorksTM
Natural Organic Products