

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

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.

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.

Manufactured for:

EarthWorks
1500 Uhler Road
Easton, PA 18040
www.earthworksfirst.com

Net Weight:

50 pounds
22.68 kilograms

EarthWorks®
5-4-5
Replenish

Standard Grade

Guaranteed Analysis

Total Nitrogen (N)	5.00%
1.30% Ammoniacal Nitrogen	
2.70% Water Insoluble Nitrogen*	
1.00% Other Water Soluble Nitrogen**	
Available Phosphate (P ₂ O ₅)	4.00%
Soluble Potash (K ₂ O)	5.00%
Calcium (Ca)	7.25%
Sulfur (S)	3.10%
3.10% Combined Sulfur (S)	

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

* 1.45% water insoluble nitrogen from composted poultry manure
1.25% water insoluble nitrogen from methylene urea.

** .70% water soluble nitrogen from composted poultry manure
.30% water soluble nitrogen from methylene urea.

Suggested Spreader Settings
5-4-5 Standard Grade

Spreader	Spread Width	Nitrogen in lb/1000 sq ft	
		0.5	1.0
Spyker	12'	6.8	8.4
Scott's R8-A (cone 8)	10'	N	R 1/2
AccuPro 2000 (cone 8)	10'	O	T 1/2
Vicon	28'	50	71
Lely	25'	8.25	10

These settings were calibrated and field tested. Age, condition of spreader, speed of operator and evenness of terrain may require adjustment of setting for desired coverage.
Vicon spreader settings are based on 540 rpm and a ground speed of 4.7 mph.
Lely spreader settings are based on 425 rpm and a ground speed of 4.7 mph.

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Standard Grade

Pull narrow tape to open →

EarthWorks®

5-4-5

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Standard Grade

Covers 5,000 square feet
at 1/2 lb Nitrogen per 1000 sq ft

Prilled

Net Weight:

50 pounds
22.68 kilograms

Standard Grade
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5-4-5
Replenish