



Application Rate Summary

Products	Wt. per gal. (lbs.)	Oz. Product per 1000 s.f.	Gal. Water per 1000 s.f.	Gal. Product per acre	Gal. Water Per acre
Soil Conditioners					
Multi-Purpose™ (6-0-0)	8.9	3-6	2.5	1-2	50-100
EnviroPlex™	9.7	3-6	2.5	1-2	50-100
Bio MP™ (5-3-2)	10.8	6-15	2.5	2-5	50-100
Soil Remediation					
Bio CN™ (24-0-0)	10.4	3-6	2.5	1-2	50-100
Exsodis™	11.6	32-64	2.5	10-22	50-100
Kleenstart™ (6-0-0)	9.6	3-6	2.5	1-2	50-100
Zap™ (8-0-0)	9.9	3-6	2.5	1-2	50-100
Nutralyz™ (12-0-0-26 S)	11.1	12.5	2.5	4	50-100
NPK Liquid Blends					
Enviro K™ (0-0-30)	12.2	8.75 (0.25 lb. K ₂ O/1000 s.f.)	2.5	3 (0.25 lb. K ₂ O/1000 s.f.)	100
Enviro N™ (28-0-0)	10.6	43 (1 lb. N/1000 s.f.)	2.5	14.7 (1 lb. N/1000 s.f.)	50-100
Enviro P™ (7-21-0)	10.9	16 (0.25 lb. P ₂ O ₅ /1000 s.f.)	2.5	5.5 (0.25 lb. P ₂ O ₅ /1000 s.f.)	100
Greens Plus™ (12-0-12)	11.0	97 (1 lb. N/1000 s.f.)	2.5	33 (1 lb. N/1000 s.f.)	50-100
Greens Plus™ (14-4-10)	10.8	85 (1 lb. N/1000 s.f.)	2.5	29 (1 lb. N/1000 s.f.)	50-100
TurfPlex™ (20-2-3)	10.8	7.5-30 (0.1-0.5 lb. N/1000 s.f.)	5-10	2.5-10	100-150
TurfPlex™ (8-4-24)	11.8	11.3 (0.25 lb. K ₂ O/1000 s.f.)	5	3.8 (0.25 lb. K ₂ O/1000 s.f.)	50-100
Turf Starter™ (8-16-5)	11.0	15-30 (0.2-0.5 lb. P ₂ O ₅ /1000 s.f.)	5-10	5-12	200-400
Tuff Greens™ (0-0-13)	10.4	3-6	2.5	1-2	50-100
Biostimulants					
CytoGro®	9.5	0.5-1.0	1	16-32 oz.	45
Micronutrients					
Boron Plus™ (0-0-0-5)	9.9	0.1	2.5	4 oz.	50
Calcium Plus™ (8-0-0-10)	11.7	6	2.5	2	50
Iron Plus™ (15-0-0-6)	11.0	3	2.5	1	50
Iron Plus Mn™ (12-0-0-6-2)	11.0	3	2.5	1	50
Magnesium Plus™ (7-0-0-6)	11.3	6	2.5	2	50
Manganese Plus™ (0-0-0-5)	11.0	3	2.5	1	50
NutriSolve™ (Mn, Cu, Zn, Fe, S, B, Mo)	10.5	6	2.5	2	50
Silica (0-0-0-5)	9.4	0.1	2.5	4 oz.	50
Spectrum™ (Mg, Fe, Mn, S)	10.1	6	2.5	2	50
Water Management					
H3O™	11.7	6	2.5	2	100

Sample calculation for nitrogen rates from liquid fertilizers

- Calculate pounds of N in 1 gallon of product by multiplying the product weight in lbs./gal. by the % N in the guaranteed analysis.
- For ounces of product per 1000 sq. ft.:** Divide the desired application rate in pounds of N/1000 sq. ft. by the pounds of N/gal. calculated in Step 1. Multiply the resulting fraction by 128 (fl. oz./gal.) to get the number of ounces of product to be applied to 1000 sq. ft. of turf for the desired rate of N.
- For gallons of product per acre:** Multiply the same fraction in Step 2 by 43.56 (1000's of sq. ft./ac.) to get the number of gallons of product to be applied to one acre of turf for the desired rate of N.

Example: Enviro N (28-0-0) weighs 10.6 lb./gal. and contains 28% N. Therefore, it contains 10.6 X 0.28 = 2.97 lb. of N. For 0.1 lb. N/1000 sq. ft.: $0.1 \div 2.97 = 0.033$; $0.033 \times 128 = 4.2$ oz. of product per 1000 sq. ft. For the amount of product for one acre at 0.1 lb. N/1000 sq. ft. rate: $0.1 \div 2.97 = 0.033$; $0.033 \times 43.56 = 1.4$ gal. of product per acre.

Fertilizer & Helpful Conversions

Fertilizers	P to P ₂ O ₅ multiply by 2.29 P ₂ O ₅ to P multiply by 0.44 K to K ₂ O multiply by 1.2 K ₂ O to K multiply by 0.83
Weight	lbs. per acre X 1.12 = kg per ha lbs. per 1000 s.f. X 0.5 = kg per 100 m ² 1 metric ton = 1000 kg = 2205 lbs. 1 gallon of water = 8.337 lbs.