



woodace[®]

18-5-10

**longterm
fertilizer**

**PROFESSIONAL LANDSCAPE
NUTRITION**

with
expo[®]
& POTASSIUM

IBDU[®]
SLOW RELEASE NITROGEN

Lebanon Seaboard Corporation
1600 East Cumberland Street • Lebanon, PA 17042
www.LebanonTurf.com

NET WT. 50 LBS. (22.68 KG)



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longterm fertilizer

PROFESSIONAL LANDSCAPE NUTRITION

GUARANTEED ANALYSIS

Total Nitrogen (N)	18%
2.0% Ammoniacal Nitrogen	
13.5% Water Insoluble Nitrogen*	
0.9% Urea Nitrogen	
1.6% Other Water Soluble Nitrogen*	
Available Phosphate (P ₂ O ₅)	5%
Soluble Potash (K ₂ O)**	10%
Magnesium (Mg)	0.5%
0.02% Water Soluble Magnesium (Mg)	
Sulfur (S)	3.0%
3.0% Combined Sulfur (S)	
Iron (Fe)	1.6%
0.2% Water Soluble Iron (Fe)	
Manganese (Mn)	0.3%
0.04% Water Soluble Manganese (Mn)	
Derived from: Ammonium Phosphate, Isobutylidene Diurea, Methylene Ureas, Urea, Sulfate of Potash, Magnesium Sulfate, Ferric Oxide, Ferrous Sulfate, Manganese Sulfate.	F699
Chlorine (Cl) not more than	2.0%

*15.1% Slowly Available Nitrogen from Isobutylidene Diurea and Methylene Ureas.

** 1.5% Slow release Potash from occluded Sulfate of Potash.

NOTICE: This product contains the secondary nutrient iron. Iron may stain concrete surfaces and should not be applied on dry or water dampened concrete and should be removed from these areas promptly after application by sweeping or blowing. Do not wash off with water.

22-56322



general

Woodace Longterm 18-5-10 now contains both Expo® and IBDU®! Longterm has 75% slow release nitrogen (Water Insoluble Nitrogen) from extra coarse IBDU and Methylene Ureas. Expo provides controlled released Potash from occluded Sulfate of Potash. This high WIN product is ideal for season long, single application feeding of landscape plants, trees and ground covers. Woodace Longterm can reduce labor costs by eliminating the need for multiple applications in one season. The extensive micro package includes Magnesium, Sulfur, Iron, and Manganese. Nutrient sources are selected to reduce the salt index allowing higher rates without burning.

application

Woodace Longterm is designed for top-dress application. **For individual plants** apply Woodace Longterm evenly within the dripline or known root area. The feeder roots of large shrubs and trees may extend well beyond the dripline. Adjust the recommended rate and treated area accordingly. **For densely planted areas or ground covers** broadcast Woodace Longterm evenly over the entire area at a rate of 1.1 - 3.3 lbs. per 100 sq. ft., (2 - 6 lbs. N/1000 sq. ft.). Adjust the height and trajectory of the spreader where possible to minimize reflecting granules off of dense foliage. Do not broadcast fertilizer onto wet foliage. Fertilizer should be applied when plants are actively growing. Woodace Longterm can be lightly raked into the mulch or soil surface. However, do not attempt to incorporate fertilizers into the root area of established plants. Avoid piling fertilizer against the stems of plants. Never fertilize when plants are suffering from stress related to transplant, moisture, heat, insect, disease or abiotic injury. Generally spring and fall provide the optimum time to apply supplemental nutrition.

fertilization program guidelines

Woodace Longterm should be a part of an integrated landscape maintenance program. In addition to fertilization, pest monitoring, weed control, pruning, and water management are essential. In most landscape situations nutrients are not naturally replenished at a sufficient rate to guarantee optimum health and appearance. The objective of most landscape fertilization programs is to improve the health and appearance of plantings by providing proper fertility. Other objectives for which Woodace Longterm may be used include: supplementing nutrients known to be deficient, encouraging foliar or root growth, increasing bloom or fruiting, or to aid in recovery from injury or disease. These label directions are intended to serve as a general guideline for the use of Woodace Longterm. Other resources such as soil testing, local extension recommendations, and specific plant knowledge should be incorporated whenever possible.

rate chart

broadcast (for heavily planted beds)

N rate	lbs./100 sq. ft.	lbs./1000 sq. ft.
2 lbs./1000 sq. ft.	1.1 lbs.	11 lbs.
4 lbs./1000 sq. ft.	2.2 lbs.	22 lbs.
6 lbs./1000 sq. ft.	3.3 lbs.	33 lbs.

shrubs (per plant within dripline)

size	rate	measure
8-12"	2 oz.	cup
13-18"	4 oz.	cup
19-24"	6 oz.	cup
25-30"	8 oz.	1 cup
31-36"	12 oz.	1 cups
37-42"	16 oz.	2 cups
> 42"	1	cups per foot of branch spread

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One cup is approximately 7.8 oz. by weight.

Shrub size refers to branch spread for shrubs where height and spread are approximately the same. For fastigate or decumbent forms reduce the amount by approximately .

The user assumes all liability for applications of this product. For uses that are not specifically listed on the product label, it is recommended that the user perform a test on a limited basis before commencing large scale applications.

expo[®], IBDU[®] Slow Release Nitrogen and Woodace[®] are registered trademarks of Lebanon Seaboard Corporation.

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