

## ADDENDUM

RE: MARKETING & DISTRIBUTION RENEWAL PERMIT APPLICATION  
OF OUT OF STATE BIOSOLIDS-CLASS A, EQ  
DE PERMIT No.: DM 2002 MD 03  
NATURALLAWN OF AMERICA

1. Revision to page 93 of electronic copy-corrected wording of paragraph 5 to read Vector attraction reduction rather than vector attraction.
2. Revision of page 105 of electronic copy to modify wording of Sampling and Record Keeping procedures as per changes at MBM LLC.
3. Revision of page 106 of electronic copy to modify wording of sampling procedures as per changes at MBM LLC.
4. Modification of wording on labels for NaturaLawn of America. Addition of pallet tags for two FIFRA Labels for products containing Prodiamine. Instructional training sheet for NaturaLawn of America franchisees/employees.
  - a) Plant Nutrient 0-0-50-does not contain biosolids-no wording changes.
  - b) Plant Nutrient 10-0-12 - modified for DE
  - c) Plant Nutrient 12-0-12 – modified for DE
  - d) Plant Nutrient 10-15-5 - modified for DE
  - e) NLA Plant Nutrient 30-0-4 - modified for DE
  - f) NLA Plant Nutrient 18-0-6 - modified for DE
  - g) NLA18-0-6 Plus .29 Prodiamine – FIFRA LABEL-PALLET TAG & INSTRUCTIONAL ADDED
  - h) NLA 22-0-4 Plus .29 Prodiamine– FIFRA LABEL -PALLET TAG & INSTRUCTIONAL ADDED
  - i) 2 pallet tags for g and h listed above
  - j) NaturaLawn of America Product Training for g and h listed above.

## DESCRIPTION OF PROCESS & COMPLIANCE

Wastewater entering SWRP passes through coarse screens to filter out large debris and is then pumped up from sewer level to flow by gravity throughout the treatment plant. Aerated grit tanks and settling tanks use physical and mechanical means to remove fats and oils and to separate solids from the water. The separated solids are pumped away to undergo their own treatment process and eventually become biosolids, a recycled and sustainable alternative to chemical fertilizers.

In secondary treatment, a community of microorganisms helps remove organic material from wastewater. The microbes need oxygen to thrive, so air is pumped through the water in secondary aeration tanks. Next, the water enters the final settling tanks where remaining solids settle to the bottom and clean water flows out the top. The clean water is released from the SWRP into the Chicago Sanitary and Ship Canal.

Solids removed during the process are sent to temperature-controlled digesters at SWRP that break them down in a process similar to composting that converts nutrients into forms that kill pathogens and provide beneficial use to plants. The cake, anaerobically digested, and then dewatered by centrifugation to produce a cake product of 25-30% dry solids by Stickney WRP is then transferred to the MBM facility.

The solids are processed through an indirect drying system where the solids are heated to temperatures above 80°C. Most of the remaining water is evaporated in the dryer and the moisture content of the solids is reduced to below 10% (typically 5%-8%).

Vector attraction reduction is achieved through 327 IAC 6.1-4-15(b)7. This regards stabilized biosolids being dried to a solids content of 75% or greater. The pelletized biosolids produced at *Stickney WRP by MBM LLC* maintain a 90% or higher total solids. In 2022 the average total solids were 96.13% and in 2023 the average was 95.73%.

Pathogen reduction is achieved through Class A, Alternative 5, PFRP 2-Heat Drying, according to 327 IAC 6.1-4-13(b)D. Monitoring is being done to demonstrate compliance with this regulation. The facility utilizes a proven drying process that has demonstrated effective pathogen reduction at eleven other facility sites. Log showing the temperature readings taken every 15 minutes in the Pelletizer. Biosolids typically stay in the dryers for 30-40 minutes as per *Keppel Seghers Operator Manual 3.4.1*. Operating experience shows that pellet stay time is approximately 45 minutes.

At *MBM*, the 25-30% dry solids cake begins the pelletizing process and is dried to an average of 90% or higher total solids for use as a fertilizer. *MBM* employs a drying system manufactured by *Keppel Seghers*. The *Seghers* System is a vertical, indirect dryer. Operating in similar fashion as a clothes dryer, the biosolids are gently moved through the

## SAMPLING AND RECORD KEEPING

Samples are collected upstream of the storage silos at the classifiers because there is no practical method to collect a sample at the silo due to equipment access and other operational issues.

Trained Assistant Operators take samples of the biosolid cake coming into the pelletizing/drying facility six (6) times per day to monitor moisture content for process control. Pellet samples are also being collected and tested for moisture control six (6) times per day. Every 4 hours: 500 mL samples are collected from the discharge of each drying system that is in service. Sieve analyses are run on a portion of the samples and the remainder is retained in the daily Pellet Sample jug. A one (1) liter sample container will be utilized for daily composite laboratory analysis. This sample represents the daily sample to be sent out for percent solids.

Daily samples are collected, composited, and analyzed for compliance. Biosolids Daily Total Solids Standard Method 2540G is used to determine the moisture content of the residual and demonstrate compliance with the 10 percent or lower requirement. *Pace Analytical* performs the analysis and proper sampling, shipping, storage, and analytical techniques are being utilized.

A tumbled composited sample is collected in a 4 oz sterile amber jar for the monthly sample, which is sent to *Pace Analytical Services LLC, Green Bay, WI* for 503 Metals compliance testing. *Pace Analytical* performs MBM's 503 metals compliance testing (Biosolids Monthly Reports) using EPA 6010D, EPA 8082A for PCB, EPA 7471 for mercury, ASTM D2974-87 for percent moisture, EPA 160.4 for total volatile solids, TKN-NHC Calculation for total organic nitrogen soil, TKN+NO<sub>3</sub>+NO<sub>2</sub> Calculation for total nitrogen, EPA 300.0 for 300.0 IC Anions, EPA 350.1 for nitrogen, ammonia, EPA 351.2 for total kjeldahl nitrogen, EPA 365.4 for phosphorus, EPA 9012B for cyanide. In addition to moisture content analysis, composited samples are subsequently tested for total kjeldahl nitrogen, ammonia-nitrogen, nitrate-nitrogen, phosphorus, potassium, arsenic, cadmium, chromium, cobalt, copper, iron, lead, molybdenum, nickel, selenium, zinc, PCBs, and mercury by *Pace Analytical Services LLC, Green Bay, WI*.

When the tumbled composited monthly sample is collected, the fecal coliform sample is taken at the same time using a 1000 mL sterile Whirl Pak provided by the lab and delivered first to *Suburban Labs in Geneva, IL* via an ice packed cooler provided by the designated courier from the lab. The ice packed cooler then continues to the distribution area for *CS Logistics*, where the monthly biosolids (metals) sample is shipped on to *Pace Analytical, Green Bay, WI* for analysis. Fecal coliform reports are a part of the *Pace Analytical* Biosolids Monthly Reports, but performed by *Suburban Laboratories, Geneva, IL* using Method 9221E 18 Ed, 1992.

Monthly nutrient testing is provided by *A & L Great Lakes Laboratories, Fort Wayne, IN* which has the pH, NJ PAN, bulk density, moisture, solids, total nitrogen, total Kjeldahl nitrogen, ammoniacal nitrogen, nitrate nitrogen, organic nitrogen, total phosphate and

available phosphate, potash, aluminum, boron, calcium, copper, iron, magnesium, manganese, sodium, sulfur and zinc.

In June of 2024, *MBM* began monthly testing of water extractable phosphorus (WEP) on a regular basis and this testing is subcontracted by *Pace Analytical Services, LLC, Green Bay, WI* and performed by *Midwest Laboratories, Omaha, NE*.

The samples are taken by the assistant operator as he unscrews a 5" removable plug and manually hand dips the sample out of the classifier using the 500 mL HDPE BPA3 plastic sampling jar. Samplers are wearing gloves, and care is taken not to handle inside of the jar. Samples are taken from each pelletizer train in operation for at minimum four (4) hours, each pelletizer having its own labelled specific sampling jar. For each 24-hour period, there are six (6) samples taken and added to the HDPE BPA3 lidded composite container. These samples are taken daily at 8 a.m., 12 p.m., 4 p.m., 8 p.m., 12 a.m. and 4 a.m. The composite container is hand tumbled to mix the grab samples, and the Biosolids Monthly (503 metals compliance) lab samples are prepared in new sterile 4 oz amber jars provided by the lab, which are labelled and refrigerated until they are picked up by the designated representative (*CS Logistics*) from the analytical laboratory. Fecal coliform samples are also collected from the composite, using a 1000 mL sterile Whirl PAK, which is then sealed and placed into another 1000 mL sterile plastic jar for extra protection during its trip to *Suburban Laboratories, Geneva, IL*. Both samples are stored in the sample refrigerator outside of the control room and the correlating chain of custody forms are filled out and placed in the document holder on the outside door of the refrigerator. Shortly after samples are taken, *CS Logistics* arrives with a cooler packed with ice and takes both samples from the refrigerator at MBM, along with the completed chain of custody forms and places them in bubble bags and then in the ice packed cooler. The courier stops first at *Suburban Labs in Geneva, IL* and drops off the fecal coliform sample first before continuing to the distribution center where the samples are sent on to *Pace Analytical, Green Bay, WI*. The *A & L Great Lakes Laboratories* sample for nutrient testing is composited and the sample bag provided by the lab is labelled with the ID number, filled and folded down and fastened prior to being placed in a Ziploc bag for protection during shipping. This sample and chain of custody are placed in a shipping box provided by *A & L Great Lakes* and shipped via priority mail.

Following this section, you will find three (3) months of the most current *Pace Analytical Biosolids Monthly Reports* which includes the fecal coliform analysis from *Suburban Laboratories, Geneva, IL*, three (3) months of WEP Reports, three (3) months of *A & L Great Lakes Laboratories* nutrient analyses are included in this permit renewal application to demonstrate compliance with Class A EQ standards.

A TCLP analysis report from *Pace Analytical* is also provided.

# Plant Nutrient 0-0-50

## GUARANTEED ANALYSIS

Soluble Potash (K<sub>2</sub>O) ..... 50.00%

Sulfur (S)..... 17.00%

Derived From:

Sulfate of Potash.

Salt Index: 46.10 Bulk Density: 75.00

**Net Weight 50 lbs. (22.70 kg)**

**Item Number: 2000600**

## NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

| Product         | Low Rate                   | Medium Rate                | High Rate                   |
|-----------------|----------------------------|----------------------------|-----------------------------|
| 0-0-50          | 1.00 lbs/M                 | 1.50 lbs/M                 | 2.00 lbs /M                 |
| Lbs Nutrients/M | N: .00<br>P: .00<br>K: .50 | N: .00<br>P: .00<br>K: .75 | N: .00<br>P: .00<br>K: 1.00 |
| Rotary Spreader | Settings                   | Settings                   | Settings                    |
| Accupro         | P                          | Q                          | W                           |
| Earthway 2400   | 18                         | 19                         | 26                          |
| Lesco 00600     | 22                         | 30                         |                             |
| Prizelawn       | N                          | O                          | W                           |
| Spyker          | 6                          | 6.5                        | 9                           |

MFG BY: VOGEL SEED & FERTILIZER INC.  
1891 SPRING VALLEY ROAD  
JACKSON, WI 53037

DISTRIBUTED BY: NATURALAWN OF AMERICA  
1 E. CHURCH STREET  
FREDERICK, MD 21707

## Directions – Please Read Carefully Before Using

### General Information

This product is a premium mini-sized fertilizer that is ideal for the high potassium nutrient demands of top quality turf performance particularly on golf greens, tees and short-cut fairways.

With potassium as the primary nutrient, this blend serves to assist turf in forming stored energy and helps to resist disease. These extra potassium levels will also accelerate rooting (compared to leaf development in high nitrogen blends) and provide aid in developing turf toughness, especially in high traffic areas. The micro-granular particles are uniformly sized for even application that will quickly settle beneath the turf canopy with minimal effect on ball roll or mower pick-up.

### How to Use\*

With potassium as the primary ingredient, apply at the rate of 0.5 to 2.0 lbs. K per 1,000 sq. ft. with heavier treatment scheduled during early spring and late fall, and lighter rates for summer application. Depending on soil conditions and turf type, schedule feeding program to deliver 4 – 8 lbs of total potash per 1,000 sq. ft. per year.

Apply product evenly with a calibrated spreader. For best results, irrigating after applications will aid in granule penetration in close-cut dense turf. Removing grass catchers for initial mowing will minimize particle pick-up.

### NEVER FERTILIZE WHEN THE GRASS IS MOIST ALWAYS CLEAN OUT SPREADER AFTER EACH USE.

Note: These Setting are approximate. Due to atmospheric conditions and wear on spreaders it is impossible to be 100% accurate, it is wise to set your spreader to a low rate and then measure the coverage of only one pound of turf food. If you are under applying, increase the rate, if you are over applying, decrease the rate. If in doubt, it is better to under-apply than to over-apply and use formulations with more controlled releases, especially during hot dry conditions.

Note: These Settings are Approximate and can be influenced by other contributing factors. Vogel Seed & Fertilizer Inc. makes no warranty as to the uniformity of coverage actually obtained from the settings listed.

### KEEP OUT OF REACH OF CHILDREN

**Caution:** May cause irritation. On Contact with skin or eyes, flush with plenty of water.

# Plant Nutrient 10-0-12

## Directions – Please Read Carefully Before Using

### GUARANTEED ANALYSIS

|  |        |
|--|--------|
| Total Nitrogen (N).....                | 10.00% |
| 2.00% Ammoniacal Nitrogen              |        |
| 7.2% Urea Nitrogen*                    |        |
| 0.15% Other Water Soluble Nitrogen     |        |
| 0.65% Water Insoluble Nitrogen         |        |
| Soluble Potash (K <sub>2</sub> O)..... | 12.00% |
| Sulfur (S).....                        | 6.65%  |
| Iron (Fe).....                         | 2.00%  |

Derived From: Ammonium Sulfate, Biosolids†, Iron Oxide, Sulfate of Potash, and Urea.

\*7.2% Urea nitrogen stabilized with N-(n-Butyl) thiophosphoric triamide

Salt Index: 31.81 Bulk Density: 69.17

**Net Weight 50 lbs (22.70 kg)**

50 lbs. Covers 6,000 sq. ft.

(These rates equal 1 lb. nitrogen per 1,000 sq. ft.)

F002259

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

†Biosolids generated by:

Metropolitan Biosolids Management LLC (MBM LLC)  
6001 W Pershing Road, Cicero, IL 60804

**Item Number: 2264250DE**

### NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

| Product         | Low Rate                              | Medium Rate                           | High Rate                             |
|-----------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 10-0-12         | 4.16 lbs per<br>1,000 ft <sup>2</sup> | 6.25 lbs per<br>1,000 ft <sup>2</sup> | 8.33 lbs per<br>1,000 ft <sup>2</sup> |
| Lbs Nutrients/M | N: .41<br>P: .00<br>K: .50            | N: .62<br>P: .00<br>K: .75            | N: .83<br>P: .00<br>K: 1.00           |
| Rotary Spreader | Settings                              | Settings                              | Settings                              |
| Accupro         | N                                     | O                                     | P                                     |
| Earthway 2400   | 16                                    | 17                                    | 18                                    |
| Lesco 00600     | 20                                    | 22                                    | 24                                    |
| Prizelawn       | L                                     | M                                     | N                                     |
| Spyker          | 5.5                                   | 6                                     | 6.5                                   |

### General Information

This product is a highly versatile premium mini-sized fertilizer that is ideal for the nutrient demands of top-quality turf management. These nutrients promote a superior, sustained color response that produces the visual appeal turf professionals desire.

#### How to Use\*

For optimum performance, begin spring applications just before soil temperatures reach 50 degrees F. Although nitrogen can be applied at the rate of 1.0 lb Per 1,000 sq ft every 8 weeks, it is also recommended that lighter, half-rate applications be made each month, especially during hot, dry periods. Continue scheduled feedings throughout the growing season until soil temperature retreats to below 50 degrees F. Late fall and dormant feedings are recommended after soil temperatures remain below 50 degrees F for several consecutive days and turf growth has slowed considerably.

Apply product evenly with a calibrated spreader. For best results, irrigating after applications will aid in granule penetration in close-cut dense turf. Removing grass catchers for initial mowing will minimize particle pick-up.

\*Southern turf grasses, including St. Augustine and hybrid Bermuda grasses may require higher levels of nitrogen for optimum performance.

#### Storage and Disposal

Store product in their original containers in a cool, dry, and secure area. Keep them away from children, pets, food, and feed products. Follow local regulations for storage and disposal.

It is a violation of the law to use this product in a manner inconsistent with its labeling.

Do not apply to any lawns that are flooded, frozen or snow covered. Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

Note: These Settings are Approximate and can be influenced by other contributing factors Vogel Seed & Fertilizer, LLC makes no warranty as to the uniformity of coverage actually obtained from the settings listed.

#### KEEP OUT OF REACH OF CHILDREN

**Caution:** May cause irritation. On Contact with skin or eyes, flush with plenty of water.

MANUFACTURED AND GUARANTEED BY:  
VOGEL SEED & FERTILIZER, LLC  
1891 SPRING VALLEY ROAD  
JACKSON, WI 53037

DISTRIBUTED BY:  
NATURLAWN OF AMERICA  
1 E. CHURCH STREET  
FREDERICK, MD 21707

# Plant Nutrient 12-0-12

Directions – Please Read  
Carefully Before Using

## GUARANTEED ANALYSIS

|   |        |
|---|--------|
| Total Nitrogen (N) .....                      | 12.00% |
| 11.20% Urea Nitrogen                          |        |
| 0.65% Water Insoluble Nitrogen                |        |
| 0.15% Slowly Available Water Soluble Nitrogen |        |
| Soluble Potash (K <sub>2</sub> O).....        | 12.00% |
| Sulfur (S) .....                              | 4.36%  |
| Iron (Fe).....                                | 2.00%  |

Derived From:

Biosolids†, Sulfate of Potash, Urea, and Iron Oxide

Salt Index: 31.00 Bulk Density: 68.00

**Net Weight 50 lbs (22.70 kg)**

50 lbs. Covers 6,000 sq. ft.

(These rates equal 1 lb. nitrogen per 1,000 sq. ft.)

F002259

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

†Biosolids generated by:

Metropolitan Biosolids Management LLC (MBM LLC)  
6001 W Pershing Road, Cicero, IL 60804

## General Information

This product is a highly versatile premium mini-sized fertilizer that is ideal for the nutrient demands of newly seeded turf. The precise balance of nutrients promotes a superior, sustained color response that produces the visual appeal turf professionals desire.

### How to Use\*

For optimum performance, begin spring applications just before soil temperatures reach 50 degrees F. Although nitrogen can be applied at the rate of 1.0 lb Per 1,000 sq ft every 8 weeks, it is also recommended that lighter, half-rate applications be made each month, especially during hot, dry periods. Continue scheduled feedings throughout the growing season until soil temperature retreats to below 50 degrees F. Late fall and dormant feedings are recommended after soil temperatures remain below 50 degrees F for several consecutive days and turf growth has slowed considerably.

Apply product evenly with a calibrated spreader. For best results, irrigating after applications will aid in granule penetration in close-cut dense turf. Removing grass catchers for initial mowing will minimize particle pick-up.

\*Southern turf grasses, including St. Augustine and hybrid Bermuda grasses may require higher levels of nitrogen for optimum performance.

### Storage and Disposal

Store product in their original containers in a cool, dry, and secure area. Keep them away from children, pets, food, and feed products. Follow local regulations for storage and disposal.

It is a violation of the law to use this product in a manner inconsistent with its labeling.

Do not apply to any lawns that are flooded, frozen or snow covered. Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

Note: These Settings are Approximate and can be influenced by other contributing factors Vogel Seed & Fertilizer, LLC makes no warranty as to the uniformity of coverage actually obtained from the settings listed.

### KEEP OUT OF REACH OF CHILDREN

**Caution:** May cause irritation. On Contact with skin or eyes, flush with plenty of water.

Item Number: 4101010DE

## NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

| Product         | Low Rate                   | Medium Rate                | High Rate                    |
|-----------------|----------------------------|----------------------------|------------------------------|
| 12-0-12         | 4.1 lbs/M                  | 6.2 lbs/M                  | 8.3 lbs /M                   |
| Lbs Nutrients/M | N: .50<br>P: .00<br>K: .50 | N: .75<br>P: .00<br>K: .75 | N: 1.00<br>P: .00<br>K: 1.00 |
| Rotary Spreader | Settings                   | Settings                   | Settings                     |
| Accupro         | M                          | N                          | O                            |
| Earthway 2400   | 15                         | 16                         | 17                           |
| Lesco 00600     | 18                         | 20                         | 22                           |
| Prizelawn       | K                          | L                          | M                            |
| Spyker          | 5                          | 5.5                        | 6                            |

MANUFACTURED AND GUARANTEED BY:  
VOGEL SEED & FERTILIZER, LLC  
1891 SPRING VALLEY ROAD  
JACKSON, WI 53037

DISTRIBUTED BY:  
NATURALAWN OF AMERICA  
1 E. CHURCH STREET  
FREDERICK, MD 21707

# Plant Nutrient 10-15-5

Directions – Please Read  
Carefully Before Using

## GUARANTEED ANALYSIS

Total Nitrogen (N) ..... 10.00%  
 5.08% Ammoniacal Nitrogen  
 1.62% Water Insoluble Nitrogen  
 2.93% Urea Nitrogen  
 0.37% Slowly Available Water Soluble Nitrogen  
 Available Phosphate (P<sub>2</sub>O<sub>5</sub>) ..... 15.00%  
 Soluble Potash (K<sub>2</sub>O) ..... 5.00%  
 Calcium (Ca) ..... 1.60%  
 Sulfur (S)..... 2.40%  
 Iron (Fe)..... 2.00%

Derived From:  
 Biosolids†, Diammonium Phosphate, Potassium Sulfate,  
 Urea, and Iron Oxide.

Salt Index: 21.43 Bulk Density: 58.84

**Net Weight 50 lbs (22.70 kg)**

50 lbs. Covers 7,500 sq. ft.

(These rates equal 1 lb. Phosphate per 1,000 sq. ft.)

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

†Biosolids generated by:

Metropolitan Biosolids Management LLC (MBM LLC)  
 6001 W Pershing Road, Cicero, IL 60804

## General Information

This product is a highly versatile premium mini-sized fertilizer that is ideal for the nutrient demands of newly seeded turf. The precise balance of nutrients promotes a superior, sustained color response that produces the visual appeal turf professionals desire.

### How to Use\*

In accordance with your turf establishment program, apply at a rate of .50 lb to 1.0 lb Per 1,000 sq ft after seeding your lawn.

Apply product evenly with a calibrated spreader. For best results, irrigating after applications will aid in granule penetration in close-cut dense turf. Removing grass catchers for initial mowing will minimize particle pick-up.

\*Southern turf grasses, including St. Augustine and hybrid Bermuda grasses may require higher levels of nitrogen for optimum performance.

### Storage and Disposal

Store product in their original containers in a cool, dry, and secure area. Keep them away from children, pets, food, and feed products. Follow local regulations for storage and disposal.

It is a violation of the law to use this product in a manner inconsistent with its labeling.

Do not apply to any lawns that are flooded, frozen or snow covered. Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

**Item Number: 4101750DE**

## NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

| Product         | Low Rate                   | Medium Rate                | High Rate                   |
|-----------------|----------------------------|----------------------------|-----------------------------|
| 10-15-5         | 3.3 lbs/M                  | 5.0 lbs/M                  | 6.7 lbs /M                  |
| Lbs Nutrients/M | N: .33<br>P: .50<br>K: .16 | N: .50<br>P: .75<br>K: .25 | N: .66<br>P: 1.00<br>K: .33 |
| Rotary Spreader | Settings                   | Settings                   | Settings                    |
| Accupro         | N                          | O                          | P                           |
| Earthway 2400   | 16                         | 17                         | 18                          |
| Lesco 00600     | 20                         | 21                         | 22                          |
| Prizelawn       | L                          | M                          | N                           |
| Spyker          | 5.5                        | 6                          | 7                           |

## KEEP OUT OF REACH OF CHILDREN

**Caution:** May cause irritation. On Contact with skin or eyes, flush with plenty of water.

Note These Setting are approximate. Due to atmospheric conditions and wear on spreaders it is impossible to be 100% accurate, it is wise to set your spreader to a low rate and then measure the coverage of only one pound of turf food. If you are under applying, increase the rate, if you are over applying, decrease the rate. If in doubt, it is better to under-apply than to over-apply and use formulations with more controlled releases, especially during hot dry conditions.

MANUFACTURED AND GUARANTEED BY:  
 VOGEL SEED & FERTILIZER, LLC  
 1891 SPRING VALLEY ROAD  
 JACKSON, WI 53037

DISTRIBUTED BY:  
 NATURALAWN OF AMERICA  
 1 E. CHURCH STREET  
 FREDERICK, MD 21707

# Naturalawn of America Plant Nutrient

# 30-0-4

## Directions – Please Read Carefully Before Using

### GUARANTEED ANALYSIS

Total Nitrogen (N) ..... 30.00%  
 29.20% Urea Nitrogen  
 0.65% Slowly Available Water Soluble Nitrogen  
 0.15% Water Insoluble Nitrogen  
 Soluble Potash (K<sub>2</sub>O)..... 4.00%  
 Sulfur (S)..... 1.64%  
 Iron (Fe)..... 0.40%

Derived From: Biosolids†, Sulfate of Potash, and Urea.

Salt Index: 53.00 Bulk Density: 54.00

**Net Weight 50 lbs (22.70 kg)**

50 lbs. Covers 15,000 sq. ft.

(These rates equal 1 lb. nitrogen per 1,000 sq. ft.)

F002259

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

†Biosolids generated by:

Metropolitan Biosolids Management LLC (MBM LLC)  
 6001 W Pershing Road, Cicero, IL 60804

### General Information

This product is a highly versatile premium mini-sized fertilizer that is ideal for the nutrient demands of top quality turf management. These nutrients promote a superior, sustained color response that produces the visual appeal turf professionals desire.

### How to Use\*

For optimum performance, begin spring applications just before soil temperatures reach 50 degrees F. Although nitrogen can be applied at the rate of 1.0 lb Per 1,000 sq ft every 8 weeks, it is also recommended that lighter, half-rate applications be made each month, especially during hot, dry periods. Continue scheduled feedings throughout the growing season until soil temperature retreats to below 50 degrees F. Late fall and dormant feedings are recommended after soil temperatures remain below 50 degrees F for several consecutive days and turf growth has slowed considerably.

Apply product evenly with a calibrated spreader. For best results, irrigating after applications will aid in granule penetration in close-cut dense turf. Removing grass catchers for initial mowing will minimize particle pick-up.

\*Southern turf grasses, including St. Augustine and hybrid Bermuda grasses may require higher levels of nitrogen for optimum performance.

### Storage and Disposal

Store product in their original containers in a cool, dry, and secure area. Keep them away from children, pets, food, and feed products. Follow local regulations for storage and disposal.

It is a violation of the law to use this product in a manner inconsistent with its labeling.

Do not apply to any lawns that are flooded, frozen or snow covered. Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

### KEEP OUT OF REACH OF CHILDREN

**Caution:** May cause irritation. On Contact with skin or eyes, flush with plenty of water.

MANUFACTURED AND GUARANTEED BY:  
 VOGEL SEED & FERTILIZER, LLC  
 1891 SPRING VALLEY ROAD  
 JACKSON, WI 53037

DISTRIBUTED BY:  
 NATURALAWN OF AMERICA  
 1 E. CHURCH STREET  
 FREDERICK, MD 21707

Item Number: 4109035DE

### NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

| Product         | Low Rate                   | Medium Rate                | High Rate                   |
|-----------------|----------------------------|----------------------------|-----------------------------|
| 30-0-4          | 1.66 lbs/M                 | 2.50 lbs/M                 | 3.33 lbs /M                 |
| Lbs Nutrients/M | N: .50<br>P: .00<br>K: .06 | N: .75<br>P: .00<br>K: .10 | N: 1.00<br>P: .00<br>K: .13 |
| Rotary Spreader | Settings                   | Settings                   | Settings                    |
| Accupro         | I                          | J                          | K                           |
| Earthway 2400   | 11                         | 12                         | 13                          |
| Lesco 00600     | 13                         | 14                         | 16                          |
| Prizelawn       | G                          | H                          | I                           |
| Spyker          | 4                          | 4.5                        | 5                           |

Note These Setting are approximate. Due to atmospheric conditions and wear on spreaders it is impossible to be 100% accurate, it is wise to set your spreader to a low rate and then measure the coverage of only one pound of turf food. If you are under applying, increase the rate, if you are over applying, decrease the rate. If in doubt, it is better to under-apply than to over-apply and use formulations with more controlled releases, especially during hot dry conditions.

Naturalawn of America  
Plant Nutrient

# 18-0-6

## Directions – Please Read Carefully Before Using

### GUARANTEED ANALYSIS

Total Nitrogen (N) ..... 18.00%  
 0.78% Water Insoluble Nitrogen  
 17.04% Urea Nitrogen\*  
 0.18% Other Water Soluble Nitrogen  
 Soluble Potash (K<sub>2</sub>O) ..... 6.00%  
 Sulfur (S)..... 2.38%  
 Iron (Fe) ..... 4.00%

Derived From:

BioSolids†, Sulfate of Potash, Urea, Polymer Coated Urea,  
and Iron Oxide.

\*3.60% Slowly available nitrogen from polymer coated urea.

Salt Index: 35.00 Bulk Density: 63.00  
 Net Weight 50 lbs (22.70 kg)  
 50 lbs. Covers 10,000 sq. ft.  
 (These rates equal .9 lb. nitrogen per 1,000 sq. ft.)

F002259

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

†Biosolids generated by:  
 Metropolitan Biosolids Management LLC (MBM LLC)  
 6001 W Pershing Road, Cicero, IL 60804

Item Number: **6000582DE**

### NUTRIENT CALCULATIONS WITH SPREADER SETTINGS

| Product         | Low Rate                             | Medium Rate                          | High Rate                            |
|-----------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 18-0-6          | 2.7 lbs per<br>1,000 ft <sup>2</sup> | 4.1 lbs per<br>1,000 ft <sup>2</sup> | 5.0 lbs per<br>1,000 ft <sup>2</sup> |
| Lbs Nutrients/M | N: 0.50<br>K <sub>2</sub> O 0.16     | N: 0.75<br>K <sub>2</sub> O: 0.25    | N: .90<br>K <sub>2</sub> O: 0.30     |
| Rotary Spreader | Settings                             | Settings                             | Settings                             |
| Accupro         | K                                    | L                                    | N                                    |
| Earthway 2400   | 13                                   | 14                                   | 16                                   |
| Lesco 00600     | 16                                   | 18                                   | 20                                   |
| Prizelawn       | I                                    | J                                    | L                                    |
| Spyker          | 4.5                                  | 5                                    | 5.5                                  |

In the state of New Hampshire No turf fertilizer shall exceed an annual application of 3.25 pounds per 1,000 square feet of total nitrogen when applied according to the instructions on the label. Note These Setting are approximate. Due to atmospheric conditions and wear on spreaders it is impossible to be 100% accurate, it is wise to set your spreader to a low rate and then ensure the coverage of only one pound of turf food. If you are under applying, increase the rate, if you are over applying, decrease the rate. If in doubt, it is better to under-apply than to over-apply and use formulations with more controlled releases, especially during hot dry conditions.

### General Information

This product is a highly versatile premium mini-sized fertilizer that is ideal for the nutrient demands of top quality turf management. These nutrients promote a superior, sustained color response that produces the visual appeal turf professionals desire.

### How to Use\*

For optimum performance, begin spring applications just before soil temperatures reach 50 degrees F. Although nitrogen can be applied at the rate of 1.0 lb Per 1,000 sq ft every 8 weeks, it is also recommended that lighter, half-rate applications be made each month, especially during hot, dry periods. Continue scheduled feedings throughout the growing season until soil temperature retreats to below 50 degrees F. Late fall and dormant feedings are recommended after soil temperatures remain below 50 degrees F for several consecutive days and turf growth has slowed considerably.

Apply product evenly with a calibrated spreader. For best results, irrigating after applications will aid in granule penetration in close-cut dense turf. Removing grass catchers for initial mowing will minimize particle pick-up.

\*Southern turf grasses, including St. Augustine and hybrid Bermuda grasses may require higher levels of nitrogen for optimum performance.

### Storage and Disposal

Store product in their original containers in a cool, dry, and secure area. Keep them away from children, pets, food, and feed products. Follow local regulations for storage and disposal.

It is a violation of the law to use this product in a manner inconsistent with its labeling.

Do not apply to any lawns that are flooded, frozen or snow covered. Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your

### KEEP OUT OF REACH OF CHILDREN

**Caution:** May cause irritation. On Contact with skin or eyes, flush with plenty of water.

MANUFACTURED AND GUARANTEED BY:  
 VOGEL SEED & FERTILIZER, LLC  
 1891 SPRING VALLEY ROAD  
 JACKSON, WI 53037

DISTRIBUTED BY:  
 NATURALAWN OF AMERICA  
 1 E. CHURCH STREET  
 FREDERICK, MD 21707

# NaturaLawn of America Plus .29 Prodiamine

# 18-0-6

Guaranteed Fertilizer Analysis:  
 Total Nitrogen (N)..... 18.00%  
 17.20% Urea Nitrogen\*  
 00.15% Slowly Available Water Soluble Nitrogen  
 00.65% Water Insoluble Nitrogen  
 Soluble Potash (K<sub>2</sub>O)..... 6.00%  
 Derived From: Bio-Solids, Sulfate of Potash, and Urea, Polymer Coated Urea  
 \*The Urea in this product has been coated to provide 3.60% Slow-Release Nitrogen.

For selective pre-emergence control of grass and broadleaf weeds in:  
 • Established Turf Grasses (excluding golf course putting greens) and lawns  
 Active Ingredient:  
 Prodiamine, [N<sup>3</sup>,N<sup>3</sup>-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine]..... 0.29%  
 Inert Ingredients:..... 99.71%  
 Total..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
 See the following section, **Precautionary Statements, Hazards to Humans and Domestic Animals**, for additional information.

EPA Reg. No. 60063-41-41124  
 EPA Est. Nos. 41124-WI-1 41124-OH-1 045719-PA-003

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**FIRST AID**  
**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.  
**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do by a poison control center or doctor. Do not give anything by mouth to an unconscious person.  
**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.  
**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.  
 Have the product container or label with you when calling a poison control center, or doctor, or going for treatment. You may also call 1-800-858-7378 for emergency medical treatment information.

**ENVIRONMENTAL HAZARDS**  
 This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

**DIRECTIONS FOR USE**  
 It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is a selective pre-emergence herbicide that provides residual control of many grass and broadleaf weeds in:  
 • Established turf grasses (excluding golf course putting greens) and lawns  
 This product controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when it is activated by at least 1/2 inch of rainfall, irrigation, or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.  
 Not for use on plants being grown for: (1) Sale or other commercial use, (2) for commercial seed production, or (3) for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.  
 Do not graze or feed livestock forage cut from areas treated with this product. Do not apply aerially. Do not apply to golf course putting greens. Do not apply this product through any type of irrigation system.

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.**

**WEEDS CONTROLLED**  
 When used in accordance with this label this product will provide control of the following weeds:

- |  |                                  |
|--|----------------------------------|
| Barnyardgrass                          | Kochia                           |
| Bluegrass, Annual ( <i>Poa annua</i> ) | Lambquarter, common              |
| Carpenterweed                          | Lovage                           |
| Chickweed, common                      | Panicum (Texas, Fall, Brown-top) |
| Chickweed, mouse ear (from seed)       | Pigweed                          |
| Crabgrass (large, smooth)              | Purslane, common                 |
| Crowfootgrass                          | Pursley, Florida                 |
| Cupgrass, Woolly                       | Rescuegrass <sup>1</sup>         |
| Foxtail, Annual                        | Shepherd's Purse <sup>2</sup>    |
| Goosegrass <sup>1</sup>                | Signalgrass, Broadleaf           |
| Henbit                                 | Speedwell, Persian               |
| Ichgrass                               | Sprangletop                      |
| Johnsongrass (from seed)               | Spurge, Prostrate                |
| Jungletite                             | Witchgrass                       |
| Knobweed                               | Woodsorrel, Yellow (from seed)   |

<sup>1</sup>In many areas a single application of 0.65 lb. to 1.5 lb. active ingredient per acre (equal to 5.1 to 11.9 lbs./1000 sq. ft. of this product) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 0.65 lb. to 1.0 lb. a.i. per acre (equal to 5.1 to 7.9 lbs./1000 sq. ft. of this product) followed after 60 to 90 days by a second application at doses that would not exceed those given in the **Maximum Annual Rate Table**. Do not exceed the maximum rate for turf grass species listed in the **Maximum Annual Rate Table** above.  
<sup>2</sup>Applications for this weed should be made in late summer, fall, or winter prior to germination.  
<sup>3</sup>Suppression only. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. All applications must be made prior to germination of the weed seeds.

**APPLICATION DIRECTIONS**  
 Apply uniformly with suitable, calibrated application equipment.

**ESTABLISHED TURF:**  
 This product is a selective pre-emergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the **Maximum Annual Rates** section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

## CRABGRASS SEED GERMINATION DATES



- Approximate Date**
- After May 30
  - After May 10
  - After April 20
  - After March 20
  - January 1 to March 20

**USE PRECAUTIONS:** The following precautions apply to the use of this product in turf grasses and lawns: (1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seeding secondary roots are in the second inch of soil, not thatch plus soil. (3) Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year. (4) Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury. (5) Disturbing the herbicide barrier with cultural practices such as dinking may result in reduced weed control. (6) Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

**RATES OF APPLICATION**  
 This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

**MAXIMUM ANNUAL RATES**  
 This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

| Turf Species:                     | Lbs. Product/A | Lbs. Product /1000 sq.ft. | Lbs. a.i./A |
|-----------------------------------|----------------|---------------------------|-------------|
| Creeping Bentgrass                | 224            | 5.1                       | 0.65        |
| Creeping Red Fescue               | 259            | 5.9                       | 0.75        |
| Buffalograss                      |                |                           |             |
| Kentucky Bluegrass                | 345            | 7.9                       | 1.0         |
| Perennial Ryegrass                |                |                           |             |
| Bermudagrass <sup>2)</sup>        |                |                           |             |
| Bahagrass                         |                |                           |             |
| Centipedegrass                    | 517            | 11.9                      | 1.5         |
| Seashore Paspalum                 |                |                           |             |
| St. Augustinegrass                |                |                           |             |
| Tall Fescue (including turf-type) |                |                           |             |
| Zoysia                            |                |                           |             |

<sup>1</sup>These are the maximum rates per calendar year by species limitations.  
<sup>2</sup>May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 0.5 lb. a.i./acre (equal to 4.0 lbs./1000 sq. ft.). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass, and Rescuegrass due to reduced product rates used in sprigging situations.  
 - Do not apply more than 1.5 lbs. a.i. per calendar year per acre (equal to 11.9 lbs./1000 sq. ft.). Use higher rates of this product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in the **Maximum Annual Rates Table**.

**WHEN TO APPLY AFTER OVERSEEDING TURF**  
 Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seeding secondary roots are in the second inch of soil, not thatch plus soil.

**WHEN TO OVERSEED AFTER APPLICATION**  
 This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the following table below for best overseeding/seedling results.

| Lbs Product/Acre | Lbs Product/1000 sq. ft. | Lbs a.i./A | Months Before Overseeding |            |       |       |
|------------------|--------------------------|------------|---------------------------|------------|-------|-------|
|                  |                          |            | North                     | Transition | South | South |
| 172              | 4.0                      | 0.50       | 4                         | 4          | 4     | 4     |
| 224              | 5.1                      | 0.65       | 5                         | 4          | 4     | 4     |
| 259              | 5.9                      | 0.75       | 6                         | 5          | 5     | 5     |
| 276              | 6.3                      | 0.80       | -                         | 6          | 6     | 6     |
| 345              | 7.9                      | 1.00       | -                         | 7          | 7     | 7     |
| 393              | 9.0                      | 1.14       | -                         | -          | 9     | 9     |
| 448              | 10.3                     | 1.30       | -                         | -          | 10    | 10    |
| 517              | 11.9                     | 1.50       | -                         | -          | 12    | 12    |

**SPREADER SETTINGS**  
 Spreader settings vary by make and model of spreader. It is recommended that individual spreaders are calibrated for the specific product that is to be applied. A walking speed of 3 miles per hour is recommended.

| Spreader Model  | SPREADER SETTINGS                             |                             |      |      |      |
|-----------------|---|-----------------------------|------|------|------|
|                 | Application Rates <sup>1</sup> a.i. lbs./Acre | (Product lbs./1000 sq. ft.) | 1.0" | 1.5" | 1.5" |
| Earthway 2400   | 16  | 18                          | 16   | 18   | 18   |
| Prinair         | J   | R                           | J    | R    | R    |
| Scotts Accuprep | H   | R                           | H    | R    | R    |

<sup>1</sup>Application rates are to be applied twice over to achieve the recommended a.i./acre rates (for example apply the 5 rate twice to achieve the 1.0 rate)  
<sup>2</sup>Application rate for example only - do not exceed the maximum annual application rate of 1.5 lb a.i./Acre (11.9 lb product / 1000 sq. ft.)

**STORAGE AND DISPOSAL**  
**STORAGE:** Store this product in its original container in a dry, cool, secured area. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.  
**PRODUCT DISPOSAL:** As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions.  
**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

**CONDITIONS OF SALE AND WARRANTY**  
 The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Vogel Seed and Fertilizer or the Seller. All such risks shall be assumed by the Buyer. To the extent consistent with applicable law, Vogel Seed and Fertilizer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. To the extent consistent with applicable law, Vogel Seed and Fertilizer makes no other express or implied Warranty of Fitness or Merchantability or any other express or implied warranty. To the extent consistent with applicable law, in no case shall Vogel Seed and Fertilizer or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this Product. To the extent consistent with applicable law, Vogel Seed and Fertilizer and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Vogel Seed and Fertilizer.

NET WEIGHT: 50 pounds (22.7kg.)  
 Item # 4106005 110513 re

MANUFACTURED BY:  
 Vogel Seed & Fertilizer, Inc.  
 1891 Spring Valley Road  
 Jackson, WI 53037

# Naturalawn of America Plus .42 Prodiamine

# 22-0-4

**Guaranteed Analysis:**  
 Total Nitrogen (N) ..... 22.00%  
 3.29% Ammoniacal Nitrogen  
 17.91% Urea Nitrogen\*  
 0.15% Slowly Available Water Soluble Nitrogen†  
 0.65% Water Insoluble Nitrogen

Soluble Potash (K<sub>2</sub>O) ..... 4.00%  
 Sulfur (S) ..... 5.41%  
 Iron (Fe) ..... 1.00%

Derived From: Ammonium Sulfate, Bio-solids, Iron Oxide, Polymer-Coated Urea, Sulfate of Potash.  
 \*9.68% Slowly Available Nitrogen from Polymer coated Urea.  
 †0.15% Slowly Available Water Soluble Nitrogen from Bio-solids.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>

Feeds your lawn up to 3 months.  
 For selective preemergence control of grass and broadleaf weeds in:  
 • Established Turf Grasses (excluding golf course putting greens) and lawns

**Active Ingredient:**  
 Prodiamine, [N,N'-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-  
 m-phenylenediamine] ..... 0.42%  
**Inert Ingredients:** ..... 99.58%  
 Total ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN  
 CAUTION**

See the following section, **Precautionary Statements, Hazards to Humans and Domestic Animals**, for additional information.

EPA Reg. No. 60063-43-41124  
 EPA Est. Nos. 41124-WI-1 41124-OH-1 045719-PA-003  
 First level of production batch code indicates producing establishment

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**FIRST AID**  
**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.  
**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.  
**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.  
**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

**ENVIRONMENTAL HAZARDS**  
 This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

**DIRECTIONS FOR USE**  
 It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in:  
 • Established turf grasses (excluding golf course putting greens) and lawns  
 This product controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when it is activated by at least 1/2 inch of rainfall, irrigation, or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.  
 Not for use on plants being grown for: (1) Sale or other commercial use, (2) for commercial seed production, or (3) for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.  
 Do not graze or feed livestock forage cut from areas treated with this product. Do not apply aerially. Do not apply to golf course putting greens. Do not apply this product through any type of irrigation system.  
**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.**

**WEEDS CONTROLLED**  
 When used in accordance with this label this product will provide control of the following weeds:

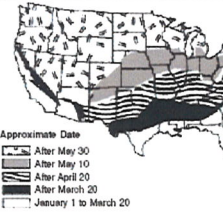
|  |                                  |
|--|----------------------------------|
| Barnyardgrass                          | Kochia                           |
| Bluegrass, Annual ( <i>Poa annua</i> ) | Lambsquarter, common             |
| Carpetweed                             | Lovegrass                        |
| Chickweed, common                      | Panicum (Texas, Fall, Brown-top) |
| Chickweed, mouse ear (from seed)       | Pigweed                          |
| Crabgrass (large, smooth)              | Purslane, common                 |
| Crowfootgrass                          | Pursley, Florida                 |
| Cupgrass, Woolly                       | Rescuegrass <sup>3</sup>         |
| Foxtails, Annual                       | Shepherd's Purse <sup>2</sup>    |
| Goosegrass <sup>1</sup>                | Signalgrass, Broadleaf           |
| Henbit                                 | Speedwell, Persian               |
| Itchgrass                              | Starringleetop                   |
| Johnsongrass (from seed)               | Spurge, Prostrate                |
| Junglerice                             | Witchgrass                       |
| Knawweed                               | Woodsrue, Yellow (from seed)     |

<sup>1</sup>In many areas a single application of 0.65 lb. to 1.5 lb. active ingredient per acre (equal to 3.6 to 8.2 lbs./1000 sq. ft. of this product) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 0.65 lb. to 1.0 lb. a.i. per acre (equal to 3.6 to 5.5 lbs./1000 sq. ft. of this product) followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rate Table. Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rate Table above.  
<sup>2</sup>Applications for this weed should be made in late summer, fall, or winter prior to germination.  
<sup>3</sup>Suppression only. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. All applications must be made prior to germination of the weed seeds.

**APPLICATION DIRECTIONS**  
 Apply uniformly with suitable, calibrated application equipment.

**ESTABLISHED TURF:**  
 This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the Maximum Annual Rates section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

**CRABGRASS SEED GERMINATION DATES**



Approximate Date:  
 Alter May 30  
 Alter May 10  
 Alter April 20  
 Alter March 20  
 January 1 to March 20

**USE PRECAUTIONS:** The following precautions apply to the use of this product in turf grasses and lawns: (1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seeding secondary roots are in the second inch of soil, not thatch plus soil. (3) Do not cut (mow) treated soil before 120 days after application. Do not apply to newly set sod until the following year. (4) Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury. (5) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. (6) Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

**RATES OF APPLICATION**  
 This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

**MAXIMUM ANNUAL RATES**  
 This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

| Turf Species:                     | Lbs. Product/A | Lbs. Product /1000 sq. ft. | Lbs. a.i./A |
|-----------------------------------|----------------|----------------------------|-------------|
| Creeping Bentgrass                | 155            | 3.6                        | 0.65        |
| Creeping Red Fescue               | 179            | 4.1                        | 0.75        |
| Buffalograss                      |                |                            |             |
| Kentucky Bluegrass                |                |                            |             |
| Perennial Ryegrass                | 238            | 5.5                        | 1.0         |
| Bermudagrass <sup>(2)</sup>       |                |                            |             |
| Bahiangrass                       |                |                            |             |
| Centipedeagrass                   |                |                            |             |
| Seashore Paspalum                 | 357            | 8.2                        | 1.5         |
| St. Augustinegrass                |                |                            |             |
| Tall Fescue (including turf-type) |                |                            |             |
| Zoysia                            |                |                            |             |

<sup>1</sup>These are the maximum rates per calendar year by species limitations.  
<sup>2</sup>May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 0.5 lb. a.i./acre (equal to 2.7 lbs./1000 sq. ft. of this product.) Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass, and Rescuegrass due to reduced product rates used in springing situations.  
 • Do not apply more than 1.5 lbs. a.i. per calendar year per acre (equal to 8.2 lbs./1,000 sq. ft. of this product.)  
 • Use higher rates of this product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in the Maximum Annual Rates Table.

**WHEN TO APPLY AFTER OVERSEEDING TURF**  
 Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seeding secondary roots are in the second inch of soil, not thatch plus soil.

**WHEN TO OVERSEED AFTER APPLICATION**  
 This product will inhibit the germination of turf species if overseeded too soon. Follow rates and intervals in the following table below for best overseeding/seedling results.

| Lbs Product/Acre | Lbs Product/1000 sq. ft. | Lbs a.i/A | Months Before Overseeding |            |       |
|------------------|--------------------------|-----------|---------------------------|------------|-------|
|                  |                          |           | North                     | Transition | South |
| 119              | 2.7                      | 0.50      | 4                         | 4          | 4     |
| 155              | 3.6                      | 0.65      | 5                         | 4          | 4     |
| 179              | 4.1                      | 0.75      | 6                         | 5          | 5     |
| 190              | 4.4                      | 0.80      | -                         | 6          | 6     |
| 238              | 5.5                      | 1.00      | -                         | 7          | 7     |
| 271              | 6.2                      | 1.14      | -                         | -          | 9     |
| 310              | 7.1                      | 1.30      | -                         | -          | 10    |
| 357              | 8.2                      | 1.50      | -                         | -          | 12    |

**SPREADER SETTINGS**  
 Spreader settings vary by make and model of spreader. It is recommended that individual spreaders are calibrated for the specific product that is to be applied. A walking speed of 3 miles per hour is recommended.

| Spreader Model | SPREADER SETTINGS                             |                             |       |       |
|----------------|---|-----------------------------|-------|-------|
|                | Application Rates <sup>1</sup> a.i. lbs./Acre | (Product lbs./1000 sq. ft.) |       |       |
|                | 0.5   | 0.75                        | 1.0*  | 1.5*  |
|                | 0.7   | 0.9                         | (2.1) | (3.2) |
| Earthway 2400  | 14  | 16                          | 14    | 16    |
| Phizelewin     | D   | F                           | D     | F     |
| Scotts Accupro | D   | H                           | D     | H     |

\* Application rates are to be applied twice over to achieve the recommended a.i./acre rates (for example apply the .5 rate twice to achieve the 1.0 rate)  
<sup>1</sup>Application rates for example only - do not exceed the maximum annual application rate of 1.5 lb. a.i./Acre (8.2 lb product / 1000 sq. ft.)

**STORAGE AND DISPOSAL**  
**STORAGE:** Store this product in its original container in a dry, cool, secured area. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.  
**PRODUCT DISPOSAL:** As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions.  
**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

**CONDITIONS OF SALE AND WARRANTY**  
 The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Vogel Seed and Fertilizer or the Seller. All such risks shall be assumed by the Buyer. To the extent consistent with applicable law, Vogel Seed and Fertilizer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. To the extent consistent with applicable law, Vogel Seed and Fertilizer makes no other express or implied warranty. To the extent consistent with applicable law, in no case shall Vogel Seed and Fertilizer or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. To the extent consistent with applicable law, Vogel Seed and Fertilizer and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Vogel Seed and Fertilizer.

NET WEIGHT: 50 pounds (22.7kg.)  
 Item # 4106010 110513 re

Manufactured and Guaranteed by:  
 Vogel Seed & Fertilizer, Inc.  
 1891 Spring Valley Road  
 Jackson, WI 53037

W119114 2A

**SPRING VALLEY  
NLA-JT VENTURES**

**18-0-6**

**STD, .29 PRODIAMINE  
4%FE, 20%TOPCUT  
20%PCU60, SOP**

**Qty.40**

**ITEM # SV4106005**

**PA24110-44795**

Do not apply to any lawns that are flooded, frozen or snow covered. Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

Biosolids generated by:  
Metropolitan Biosolids Management LLC (MBM LLC)  
6001 W Pershing Road, Cicero, IL 60804

**SPRING VALLEY  
NLA-GOETZ VENTURES**

**22-0-4**

**STD,.42 PRODIAMINE  
1% FE, 5.4% S, 44% PCU60  
20% TOP CUT, SOP  
Qty.40**

**ITEM # SV4106010T  
PA24283-51690**

Do not apply to any lawns that are flooded, frozen or snow covered. Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

Biosolids generated by:  
Metropolitan Biosolids Management LLC (MBM LLC)  
6001 W Pershing Road, Cicero, IL 60804

In compliance with the Delaware Department of Natural Resources and Environmental Control regulatory code indicated below (120.5.1-120.5.6) the following statements apply to NaturaLawn<sup>®</sup> of America Fertilizers that contain Class A Exceptional Quality biosolids.

### **120.5.1**

The Class A Exceptional Quality Biosolids are generated by Metropolitan Biosolids Management LLC (MBM LLC) located at 6001 W Persing Road Cicero IL 60804.

### **120.5.2**

Each fertilizer label provides information on essential plant nutrient content and instructions for proper use on different plant types, etc.

### **120.5.3**

Fertilizer labels that contain more than 4 percent iron on a dry weight basis, shall not be used on pasture land.

### **120.5.4**

Follow label instructions for proper storage procedures.

### **120.5.5**

Fertilizer should not be applied to any lawns that are flooded, frozen or snow covered. Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to lawns or gardens and sweep any product that lands on the driveway, sidewalk or street back onto lawn or garden.

### **120.5.6**

It is a violation of the law to use this product in a manner inconsistent with its labeling.

NaturaLawn of America, Inc.  
1 East Church Street  
Frederick MD 21701

Permit No.: DM 2002 MD-03