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Launch®

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Plant nutrient supplement for the establishment and maintenance of turf and ornamentals.

GUARANTEED ANALYSIS:

Soluble Potash (K_2O) 1.00%
Iron (Fe) 0.36%
0.36% Chelated Iron
Derived from: Potassium Hydroxide, Iron EDTA

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

74.00% Manure Extract
0.70% Humic acid derived from leonardite
1.00% *Ascophylum nodosum* (Kelp Extract) (microbe food)
0.36% Modified Polysiloxane Surfactant

Formulation:

LAUNCH® is a plant nutrient supplement that includes non-plant food ingredients, manure extract, cold water sea plant kelp and humic acids. These ingredients are combined with chelated iron and an improved surfactant. LAUNCH has been formulated for added benefits when seeding, sprigging or establishing sod and also in the maintenance of the turf once it is established. LAUNCH is intended to supplement a complete fertilizer program based on soil test recommendations.

SHAKE WELL BEFORE USING

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.

RECOMMENDATIONS FOR TURFGRASS ESTABLISHMENT:

Balanced fertilization based upon soil test recommendations is essential for new seedlings, sprigging operations, and sod installation. Apply LAUNCH at a rate of 29-32 fl. oz. per 1,000 square feet (10-11 gallons/acre). For knitting of sod and maximum germination of cool season grasses from seed or establishment of warm season grasses from sprigs and/or seed. A second application at the same rates is recommended in 14 days.

Soil applications of LAUNCH before or at seeding or sprigging are recommended. LAUNCH can be applied over-the-top of newly installed sod.

Irrigation or rainfall (0.25-0.50 inches of water) within 24 hours after planting or sodding operations will enhance the performance of LAUNCH.

Use at least one gallon of water per 1,000 square feet (40 gallons of water per acre) when applying this product.

ATHLETIC FIELD MAINTENANCE

Sites such as Football, Soccer and Baseball Fields, and Bowling Greens.

Apply LAUNCH at 29-32 fl. oz. per 1,000 square feet (10-11 gallons/acre) at spring green up and for continued use on heavily trafficked areas. Repeat application every 30 days. One or two fall applications of LAUNCH can be beneficial for deep root development. For maintenance programs throughout the sports season, mix 15 fl. oz. per 1,000 square feet (5 gallons./acre) of LAUNCH with 4.5 fl. oz. per 1,000 square feet (1.5 gallons./acre) of FOCUS® and apply on a monthly basis.

HYDROSEEDING

Apply LAUNCH at 29-32 fl. oz. per 1,000 square feet (10-11 gallons/acre). Add LAUNCH to the seed, mulch and fertilizer mix. A second application of LAUNCH is recommended in 14 days. Additional applications can be made with LAUNCH at the rate of 15 fl. oz. per 1,000 square feet (5 gallons/acre) or combined with FOCUS at rate of 4.5 fl. oz per 1,000 square feet (1.5 gallons/acre). The above methods also apply to establishment of wildflowers. When mixing LAUNCH with wildflowers during hydroseeding, lower the rate to 8 fl. oz. per 1,000 square feet.

HOME LAWNS

For newly seeded, sodded or sprigged lawns, apply at a rate of 29 oz. per 1,000 square feet (10 gallons/acre). Repeat in 14 days and continue applications on a monthly basis until the turf is dense. For a continued maintenance program on established turf, use a combination of LAUNCH at 15 fl. oz. per 1,000 square feet (5 gallons/acre) and FOCUS at 4.5 fl. oz. per 1,000 square feet (1.5 gallons/acre) on a monthly basis.

PRE-GERMINATION OF SEED

When using LAUNCH to pre-germinate seed, use a rate of 16 fl. oz., plus 2 fl. oz. of a non-ionic wetting agent, in 10 gallons of water.

PLANT DIP

To promote rooting of new flowers, ornamentals, shrubs, and/or trees, apply LAUNCH to the roots at a rate of 8 fl. oz. per one gallon of water.

GOLF COURSE GREENS

For new construction, apply LAUNCH at a rate of 29-32 fl. oz. per 1,000 square feet (10-11 gallons/acre) at the time of seeding, sodding or sprigging. Repeat in 14 days to enhance turf establishment. Future monthly applications are recommended until the turf is dense. For continued maintenance programs for established turf use a combination of LAUNCH at 15 fl. oz per 1,000 square feet (5 gallons/acre) and FOCUS at 4.5 fl. oz. per 1,000 square feet (1.5 gallons/acre) on a monthly basis.

When overseeding greens, apply LAUNCH at the time of overseeding at 29 fl. oz per 1,000 square feet (10 gallons/acre) and repeat with two applications timed fourteen days apart at a rate of 15 fl. oz. per 1,000 square feet (5 gallons/acre).

GOLF COURSE TEES

To promote overseeding on golf course tees (especially par-3's and the practice tee) and increased spreading of turf into the divots, apply LAUNCH at a rate of 29 fl. oz per 1,000 square feet (10 gallons/acre) once a month or at 15 fl. oz per 1,000 thousand square feet (5 gallons/acre) every two weeks.

Tank Mix Compatibility: LAUNCH can be tank mixed with most pesticides and fertilizers and surfactants. **Avoid mixing LAUNCH with strong acidic or alkaline materials. Always check all materials for compatibility before use.**

The following precautionary statements and pictograms are based on The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA).

WARNING

Suspected of causing cancer. Causes skin irritation. Flammable liquid and vapor.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Keep away from heat/sparks/open flames/hot surfaces. No smoking.

You may contact 1-877-800-5556 for emergency medical treatment advice.

If exposed or concerned: Get medical advice/attention. IF ON SKIN (or hair): Remove contaminated clothing immediately. Rinse skin with water. In case of fire: Use CO_2, dry chemical, or foam for extinction.

Store in a well-ventilated place. Keep cool and store locked up.

Dispose of contents/container to an approved waste disposal plant.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants only that the composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the directions on the label.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

WARNING: This product can expose you to sodium o-phenylphenate, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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

FOR FLORIDA:
We recommend that you follow the Green Industries BMP's at:
http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/BMP_Book_final.pdf
We recommend that you follow the Golf Course BMP's at:
http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf

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Information about the contents of this product may be obtained by writing to:

pbi/gordon corporation
Employee-Owned

MANUFACTURED/GUARANTEED BY
PBI/GORDON CORPORATION
1217 WEST 12TH STREET
KANSAS CITY, MISSOURI 64101
PBIGordonTurf.com

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