

Turf Pride Technologies

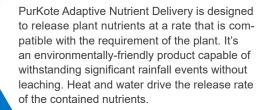


Turf Pride

Granular Fertilizers

Specifically designed for cool season grasses, our blends combine quality and performance.

The Turf Pride granular fertilizer line contains a wide range of blends and SGN. Visit our website for more details.





Turf Pride MU/UF-CRN slow release fertilizer is available in Methylene Urea base (MU-CRN) 40-0-0 and Urea Formaldehyde based UF-CRN 39-0-0. These extended and long lasting nitrogen sources increase soil microbe populations, support root development and maintain healthy turf growth.



Turf Pride Stabilized Nitrogen is a specially formulated stabilized nitrogen fertilizer for the professional turf market that contains both a urease and denitrification inhibitor. Its unique design reduces the risk of nitrogen loss by protecting nitrogen longer, extending the window for plant uptake, and reducing loss to the



Homogeneous granule Granule homogène

Turf Pride HG (homogenous granule) fertilizers ensure uniform and rapid nutrient dispersion after minimal irrigation or rainfall. Trust HG technology to eliminate mower pickup, fertilizer influence on ball roll and disperse both micro and macro nutrients uniformly every time.







Expo is LebanonTurf's patented, single particle, extended release potassium sulphate technology. Expo is designed to deliver potassium to the turf in a reliable and predictable rate over a longer period of time, well beyond that of the standard potassium sulphate found in most fertilizers. Additionally, Expo delivers controlled release nitrogen

METHEX H

Meth-Ex 40 is a high activity methylene urea nitrogen source that provides extended turf feeding without the need for coatings. Microbial release allows Meth-Ex 40 to release nitrogen when the turf needs it the most. The result is a quick colour response with no surge growth and a consistent and reliable long-term feeding schedule.

MESA-XP is an innovative nutrient source that delivers nitrogen in two forms through three mechanisms, as well as controlled-release potassium sulfate, resulting in enhanced plant uptake, reduced leaching, and impressive performance while maximizing sustainability

MESA

MESA is a unique nitrogen source that combines ammonium sulphate with methylene urea in a single, homogeneous particle. The result is an extremely efficient and controlled nitrogen source that produces consistent, dark green colour, without a surge of growth. Unlike coated nitrogen technologies. MESA does not lose its slow-release properties when cracked, chipped, crushed or broken.

Country Club®

Country Club combines traditional high-WIN products along with Lebanon's trusted Composite Technology® granulation process and exceptional blending capabilities to ensure fairways, tees and roughs maintain peak health and performance all season long.

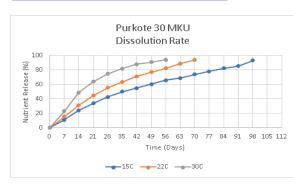


to your plant nutrition needs. Currently available in MidKote and HiKote urea.

MidKote Urea (MKU) 45-0-0

- Ideal for programs with
- 2-4 applications per season.

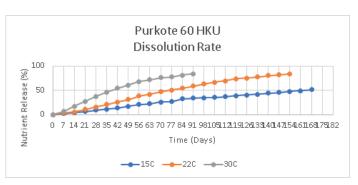
| 15 °C | 22 °C | 30 °C |
|------------|------------|------------|
| 70-80 days | 60-70 days | 30-40 days |



HiKote Urea (HKU) 44-0-0 Regular, 42-0-0 Mini

- Ideal for programs with
- 1-2 applications per season.

| 15 °C | 22 °C | 30 °C |
|------------|--------------|------------|
| 200 + days | 120-135 days | 60-70 days |



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Granular Fertilizers

for turf

With access to one of the largest varieties of specialty granular fertilizer technologies and raw materials, Plant Products can help you solve all of your maintenance needs.

Granular Fertilizers

| | # Item | | Product |
|------------------------|------------------|--------------|--|
| | 580005 | Country Club | Country Club IV 18-3-18 (SGN 80) (40 lb) |
| | 580268 | | Turf Pride HG Profile 0-0-14 Micro (25 Kg) |
| 80-1 | 580277 | AT DE W | Turf Pride HG 18-3-18 75% MU (25 Kg) |
| ΞZ | 580196 | PRIDE | Turf Pride 12-2-20 50% Mu-Crn Micro (25 Kg) |
| | 580195 | | Turf Pride 18-2-15 60% Mu-Crn Micro (25 Kg) |
| | 580130 | ProScape* | Proscape 20-0-25 Expo (SGN 145) (50 lb) |
| | 580247 | | Purkote 42-0-0 HiKote Mini (50 lb) |
| | 580239 | DURKOTE | Turf Pride 25-4-10 75% Purkote HKU Mini (25 Kg) |
| 0 | 580278 | | Turf Pride HG 16-4-8 Ammonium Sulfate |
| n 15 | 580200 | | Turf Pride 15-0-25 30% SAAS Mini (25 Kg) |
| Mini SGN 150 | 580197 | ATURF | Turf Pride 17-2-15 30% SAAS Micro Mini (25 kg) |
| S | 580198 | PRIDE | Turf Pride 24-2-6 50% SAAS Mini (25 kg) |
| | 580199 | | Turf Pride 24-4-12 80% Mu-CRN Mini (25 Kg) |
| | | | · • • • • • • • • • • • • • • • • • • • |
| | 580222 | | Turf Pride 46-0-0 Stabilized N Mini (25 kg) |
| 0 | 580015 | | Proscape 25-0-12 Mesa-XP (SGN 195) (50 lb) |
| Premium SGN 195-200 | 580131 | ProScape* | Proscape 20-0-25 Expo (SGN 195) (50 lb) |
| 194 194 | 580012 | | Proscape 30-0-0 (100% Mesa) (50 lb) |
| GNS | 580002 580001 | | Proscape 20-0-5 (30% Mesa) (50 lb) Proscape 25-0-5 (51% Mesa) (50 lb) |
| Ø | 580004 | | Proscape 32-0-6 30% Mesa (50 lb) |
| | 580276 | | Turf Pride 44-0-0 Purkote HKU-XT Reg (25 kg) |
| | 580274 | | Turf Pride 44-0-0 Purkote HKU Reg (25 kg) |
| | 580273 | | Turf Pride 45-0-0 Purkote MKU Reg (25 kg) |
| | 580238 | | Turf Pride 34-0-9 100% HKU + 2% Fe Reg (25 Kg) |
| | 580237 | | Turf Pride 35-0-5 75% Purkote HKU + Ca Mg Reg 25 kg |
| ar 80 | 580235 | N PURKOTE | Turf Pride 24-0-4 50% Purkote MKU + Fe Reg (25 Kg) |
| 9gul | 580256 | TURF | Turf Pride 24-0-4 50% Purkote MKU + Fe Reg (10 Kg) |
| 23 R | 580236 | PRIDE | Turf Pride 24-4-4 50% Purkote MKU Reg (25 Kg) |
| | 580233 | | Turf Pride 30-0-4 30% Purkote MKU + Fe Reg (25 Kg) |
| | 580225 | | Turf Pride 24-4-10 65% PCU Reg (25 Kg) |
| | 580261 | | Turf Pride 8-15-30 Fall Classic 60% MKU Reg (25 Kg) |
| | 580262 | | Turf Pride 8-15-30 Fall Classic 60% MKU Reg (10 Kg) |
| | 580055 | ProScape* | Proscape 16-25-12 (25%) MESA (50 lb) |
| | 580280 | rroscape* | Turf Pride HG 9-18-18 48% SRN Micro (25 kg) |
| <u>_</u> | | | · • • • • • • • • • • • • • • • • • • • |
| Starteı | 580194 | TURF | Turf Pride 16-24-10 MU-CRN Micro (25 kg) Turf Pride 16-24-10 Starter 25% MU-CRN Mini (25 kg) |
| St | 580201 580263 | PRIDE | Turf Pride 16-24-10 Starter 25% MO-CRN Mini (25 kg) Turf Pride 16-32-6 Starter 50% MKU Reg (25 kg) |
| | | | 5 (5) |
| | 580264 | | Turf Pride 16-32-6 Starter 50% MKU Reg (10 Kg) |
| den ub | 580260 | PRIDE | Turf Pride 10-5-15 Garden 50% MKU + Ca Reg (10 kg) |
| 9 | 580259 | | Turf Pride 18-4-6 Trees & Shrubs 80% MKU+Fe (10 kg) |

| Advantage | Estimated response time | Rate lb/1 000 ft ² |
|--|-------------------------|----------------------------------|
| Homogenous 85% MU | 8-12 weeks | 3-6 lb |
| Homogenous + Ca, Mg, S | - | 3.5-7 lb |
| Homogenous 75% MU + Fe, Mn, Kelp | 8-12 weeks | 3.5-7 lb |
| 50% MU + Ca, Mg, S | 6-8 weeks | 4-8 lb |
| 60% MU + Ca, Mg, S | 6 - 8 weeks | 4-8 lb |
| 100% Meth-Ex 40 and Slow release K | 10 - 12 weeks | 3-4.5 lb |
| 100% Purkote HKU | 100-120 days at 22°C | 3-4.5 lb |
| 75% Purkote HKU + S | 100-120 days at 22°C | 4-6 lb |
| Homogenous 90% Am. Sulfate + S, Fe | 2-4 weeks | 2.5-5 lb |
| 30% MESA + S | 4-6 weeks | 3-6 lb |
| 30% MESA + S, Fe, Mn, Ca, Mg, Zn, B, Cu | 4-6 weeks | 2.5-5 lb |
| 50% MESA + S, Fe | 6-8 weeks | 2-4 lb |
| 80% MU + S, Fe, Mn | 10-12 weeks | 3-6 lb |
| Spread or Spray | 2-4 weeks | 0.25-1 lb |
| Homogenous 100% MESA + EXPO + S | 8-12 weeks | 4-6 lb |
| Homogenous 100% EXPO | 10-12 weeks | 5-8 lb |
| Homogenous 100% MESA | 8-10 weeks | 3-4 lb |
| 30% MESA + S | 8-10 weeks | 3-5 lb |
| 51% MESA + S | 8-10 weeks | 3-5 lb |
| 30% MESA + S | 8-10 weeks | 2.5-3 lb |
| 100% Purkote HKU-XT | 140-160 days at 22°C | 3-4.5 lb |
| 100% Purkote HKU | 100-120 days at 22°C | 3-4.5 lb |
| 100% Purkote MKU | 60-70 days at 22°C | 3-4.5 lb |
| 100% Purkote HKU + Fe | 100-120 days at 22°C | 3-6 lb |
| 75% Purkote HKU + Ca, Mg | 100-120 days at 22°C | 3-6 lb |
| 50% Purkote MKU + Fe, S | 8-10 weeks | 3-4 lb |
| 50% Purkote MKU + Fe, S | 8-10 weeks | 3-4 lb |
| 50% Purkote MKU + S | 8-10 weeks | 2.5-4 lb |
| 50% Purkote MKU + S | 6-8 weeks | 2.5-3.3 lb |
| 65% PCU | 6-8 weeks | 3 - 4 lb |
| 60% Purkote MKU + S | 6-8 weeks | 3-6 lb |
| 60% Purkote MKU + S | 6-8 weeks | 3-6 lb |
| 25% MESA | 4-6 weeks | 2-4 lb |
| Homogenous 48% MU. Kelp, Alfalfa, Ca, Mg | 6-8 weeks | 3-6 lb |
| 25% MU + S | 4-6 weeks | 2-4 lb |
| 25% MU + S | 4-6 weeks | 2-4 lb |
| 50% Purkote MKU + S | 6-8 weeks | 1.9-3.1 lb |
| 50% Purkote MKU + S | 6-8 weeks | 1.9-3.1 lb |
| 50% Purkote MKU + Ca | 8-10 weeks | 3-6 lb |
| 80% Purkote MKU + Fe | 8-10 weeks | 3-6 lb |





Foliar Fertilizers for turf The Turf Pride line of liquid foliar fertilizers allows for flexibility and customization to build a program to meet your needs. Ask your representative to help prepare your program by using our program builder. It is designed to make ordering, mixing, and inventory control easy and efficient.

Bio 30 30-0-0

with SWE, Fulvic Acid

A cost effective nitrogen based fertilizer derived from urea and equal parts ammoniacal and nitrate nitrogen. Contains Umaxx as well as seaweed extract to aid in rooting and stress tolerance.

9.46 L | 580155

-Turf (greens, tees & fairways)

NPK Complete 18-3-6

ting substantial growth. 9.46 L | 580154

Apply every 7 to 21 days

-Turf (greens, tees & fairways)

125-380 mL / 100 m² -Sports turf and lawns

with Fe. UMAXX

125-250 mL / 100 m² in sufficient water for good coverage

The building blocks of nitrogen, phosphorous and potassium; contains ammoniacal, nitrate and urea nitrogen including UMAXX; helps achieve proper nitrogen rates without promo-

220-510 mL / 100 m² (no less than $\acute{8}$ L of diluted mix/100 m²).

Nitrate Plus 6-0-0

with Mg, Fe, Mn, Zn

Contains nitrate nitrogen and balanced amounts of manganese, iron, zinc and magnesium to provide a quick and natural colour response in turf especially during periods of cooler temperatures. 9.46 L | 580156

-Turf (greens & tees) 60-125 mL / 100 m² every 4-6 weeks as necessary.

1 Pick your NPK

-Turf (greens, tees & fairways)

Bio 4 4-0-0

with SWE, Fulvic Acid, Fe, Mn Foliar biostimulant containing 52% seaweed extract, fulvic acid, iron and manganese; promotes root growth and stress tolerance in unfavourable environmental conditions. 9.46 L | 580152

95-380 mL / 100 m² every 7-14 days -Sports turf and lawns

95-190 mL / 100 m² in sufficient water for good coverage

Bio 12 12-0-6

with SWE, Fe, Umaxx

Designed to increase resistance to stress, improve photosynthetic efficiency, and provide foliar uptake of nitrogen, potassium and micronutrients, with 100% urea nitrogen. 9.46 L | 580177

-Turf (greens, tees & fairways) 125-380 mL / 100 m² -Sports turf and lawns 125-250 mL / 100 m²

Photo N 12-0-0

with Fe, Mn

An economical fertilizer containing UMAXX and plant available iron and manganese for superior colour response.

-Turf (greens & tees) 95-320 mL / 100 m² as necessary.

-Fairways & other turf

95-760 ml / 100 m² as necessary.

9.46 L | 580153

-Sports turf and lawn

95-450 ml /100 m² in sufficient water for good coverage.

| | | Product rate (mL/100 m²) | | | | | | | | | | |
|---------------------------------|-----------------|--------------------------|--------------|--------|-------|--------|------------|----------|------------|-----------|--------|------------|
| Goals | NPK complete | Photo N | Nitrate Plus | Bio 30 | Bio 4 | Bio 12 | Immuni-Cal | Immuni-K | Pre Stress | Phos Plus | Assist | Mikro Mix |
| Spring Kick Start | 180 | | 90 | | 135 | | | 45 | 40 | 90 | | |
| Spring Rooting | 180 | | | | 135 | | | 45 | 40 | 45 | 95 | Į. |
| Summer Stress Defence | 180 | | | | | | 90 | | 20 | | | soil tests |
| Summer Maintenance | | | | | | 120 | 60 | 60 | 20 | | 95 | iö |
| Tournament Prep | 120 | | | | | | 90 | 45 | 20 | | | by s |
| Fall Prep | | | 90 | | 135 | | | 150 | 20 | | | |
| Fairway Maintenance | | 50 | | 100 | | | | | 20 | | 95 | required |
| Fairway Stress Defence | | 50 | | 100 | | | | | 20 | | | |
| Soil Flush (with wetting agent) | | | | | | | 240 | | | | | as |
| Recovery/Establishment | 90 | | 45 | | 135 | | | | 40 | 90 | | 1 |

2Then tank mix to target specific needs

Assist 0-18-19

Providing two key nutrients to help in the establishment of turf. Safe on various grasses at labeled rates. 200 L | 580168

-Turf (greens, tees & fairways) 110-220 mL / 100 m² every 7-14 days.

Immuni-Cal

with Ca, Mg, Si

Can be applied as a foliar supplement of magnesium, calcium and silicone or as a soil drench for soils affected by high salt content. Fully chelated for excellent tank mix compatibility and formulated to help strengthen cell walls for increased turf vigour. Ideal for quality of cut and during periods of high stress. 9.46 L | 580190

-Turf (greens & tees) Foliar 65-255 mL / 100 m². Soil 255-510 mL / 100 m² -Lawns & Sods 192-255 mL / 100 m² in sufficient water for good coverage.

Immuni-K 0-0-25

Specially formulated potassium acetate for safe application and rapid uptake and utilization: increases plant strength and tolerance associated with environmental stressors. Can be applied as a foliar or soil drench application. 9.46 L | 580189

-Turf (greens & tees) 127-190 mL / 100 m² (no less than 8 L of diluted mix/100 m²). Apply every 7 to 14 days.

MiKro Mix 0-0-1

with Mg, Fe, Mn, Zn, Cu, B Optimal formulation of essential turf micronutrients: aids in the prevention and correction of micronutrient deficiencies

-Turf (greens, tees & fairways) 64-192 mL / 100 m² -Trees & ornamentals

1-1.5 L / 100 L of water as a drench or foliar spray.

Phos Plus 3-30-3

Encourages root development, plant density and recovery from injury; ideal during seed/young turf establishment and for situations when phosphorous is unavailable due to soil deficiencies, or cooler temperatures.

9.46 L | 580187

-Turf (greens, tees & fairways) 96-192 mL / 100 m² every 7-14 days.

Turf Pride 2-0-2 Pre-Stress

A unique blend of key ingredients to defend turf under many stressful conditions including: high traffic areas, heat, drought and frost.

10 L | 580158

-Turf (greens, tees & fairways) Foliar 20-40 mL / 100 m². Soil 40-80 mL / 100 m².

9.46 L | 580188

Turf Pride Pre-Stress

- · Pre-Stress includes strong chelator fulvic acid to enhance nutrient uptake, especially during stressful periods and resulting reduction in turf photosynthetic potential.
- Betaine acts as an osmoprotectant and osmoregulator to balance water use and maintain nutrient uptake to maintain growth and recovery when wet wilt potential is high (high humidity and in areas with minimal air circulation).
- Reducing wet wilt helps turf stand taller and improve ball speed. Kelp extract contains organic polymers, natural plant growth regulator and ontioxidants, to improve root and shoot health.
- AminoGro is a wide spectrum amino acid, natural nitrogen source that primes a plants metabolism.
- Monosilicic acid is a plant strengthener inducing a strudier plant along with abiotic plant protection. Strong cell walls will improve ball roll and quality of cut on golf greens.
- Salicylic acid is a naturally occurring plant growth regulator that enhances resistance to drought, environmental stress, hardiness and primes a plants systemic acquired resistance metabolism.



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Plant-Prod® Water Soluble Fertilizers

Plant-Prod® has always been dedicated to producing the most innovative, highest quality, water soluble fertilizers on the market.





15 ka

PREMIUM- Soluble fertilizers

Plant-Prod 12-0-12

- Maintenance

An ammoniacal nitrogen based fertilizer, containing a high level of sulphur and micronutrients ideal for sand based soils, cool season and turf recovery.

15 kg | 36255

| Total Nitrogen (N) | 12% |
|-----------------------------------|-------|
| Nitrate Nitrogen | |
| Ammoniacal Nitrogen | |
| Urea Nitrogen | 0% |
| Available Phosphoric Acid (P2O5) | 0% |
| Soluble Potash (K ₂ O) | 12% |
| Magnesium (Mg) | 1.25% |
| Sulphur (S) | 14% |
| Boron (B) | 1.4% |
| Iron (Fe) | 1.3% |
| Manganese (Mn) | 2.0% |
| Zinc (Zn) | 2.0% |
| | |

Plant-Prod Solutions 20-5-30

- Super K

Balanced blend of urea and nitrate nitrogen plus additional potassium for rooting, recovery and hardening off.

15 kg | 35009

| Total Nitrogen (N) | |
|--|---------|
| Nitrate Nitrogen | 8.9% |
| Ammoniacal Nitrogen | |
| Urea Nitrogen | 10.1% |
| Available Phosphoric Acid (P ₂ O ₅) | 5% |
| Soluble Potash (K ₂ O) | |
| Boron (B) | |
| Chelated Cooper (Cu) | |
| Chelated Iron (Fe) | 0.10% |
| Chelated Manganese (Mn) | 0.05% |
| Molybdenum (Mo) | 0.0005% |
| Chelated Zinc (Zn) | 0.05% |
| EDTA (chelating agent) | |
| | |

| # ID | Product | % NITRATE N | % AMMONIACAL N | % UREA N | MICROS |
|---------|--|-------------|----------------|----------|-------------------------------|
| PREMIUM | | | | | |
| 34099 | Plant Prod 22-4-22 Urea+ Complete Turf | 5.7 | | 16.3 | Mg, Fe, Mn, Zn, B |
| 35411 | Plant Prod 21-0-21 Turf Care | 5.4 | 2.2 | 13.4 | Mg, Fe, Mn, S, B |
| 36255 | Plant Prod 12-0-12 Spring/Fall | 3 | 9 | | Mg, S, Fe, Mn, Zn, B |
| 35009 | Plant Prod 20-5-30 Super K | 8.9 | 1 | 10.5 | Fe, Mn, Zn, B, Cu, Mo |
| 580173 | Plant-Prod Turf Micro Mix | | | | Mg, Fe, Mn, Zn, B, Cu, Mo |
| PRO | | | | | |
| 37005 | Plant Prod 38-0-10 No Phos Turf | 2 | | 36 | Fe |
| 36250 | Plant Prod 35-5-10 Turf | 2 | | 33 | Fe |
| 37011 | Plant Prod 25-0-0 Fairway Take Down | | 8 | 17 | Mg, Fe, Mn |
| 35420 | Plant Prod 14-0-14 Balance | 12.8 | 1.2 | | Ca, Mg, Fe, Mn, Zn, Cu, B, Mo |

Plant-Prod 21-0-21 Turf Care

- Superior Turf Maintenance

Specially formulated with balance of urea/ammoniacal and nitrate nitrogen, along with a compliment of key micronutrients required to optimize photosynthetic potential.

15 kg | 35411

| Total Nitrogen (N) | |
|-----------------------------------|-------|
| Ammoniacal Nitrogen | |
| Urea Nitrogen | |
| Available Phosphoric Acid (P2O5) | 0% |
| Soluble Potash (K ₂ O) | 21% |
| Sulphur (S) | |
| Boron (B) | 1.0% |
| Iron (Fe) | 0.75% |
| Magnesium (Mg) | 0.75% |
| Manganese (Mn) | 0.25% |

Plant-Prod Solutions 22-4-22 Urea +

- Complete Turi

Balanced blend, safe to use on cool season turfgrasses for both foliar or soil applications.

- Contains a complete micro package for highest quality turf including golf greens, tees, and fairways.
- Provides rapid uptake, and response in both cool and warm weather.

15 kg | 34099

| Total Nitrogen (N) | 22% |
|----------------------------------|----------------|
| Nitrate Nitrogen | 5.7% |
| Urea Nitrogen | 16.3% |
| Available Phosphoric Acid (P2O5) | 49 |
| Soluble Potash (K,O) | |
| Manganese (Mn) | 0.5% |
| Boron (B) | 0.15% |
| Zinc (Zn) | 0.15% |
| EDTA (chelating agent) | 2.6% |
| Boron (B) | 0.15% 0.15% |

Rates lb N/1 000 ft²

| 0.1 | 0.125 | 0.25 | 0.35 0.5 | | 0.75 | 1 |
|------|-------|------|------------|-------------------|------|------|
| PRE | MIUM | | | | | |
| 0.55 | 0.60 | 1.20 | 1.70 | 2.65 | n/a | n/a |
| 0.55 | 0.60 | 1.20 | 1.70 | 2.65 | n/a | n/a |
| 0.85 | 1.00 | 2.10 | n/a | n/a | n/a | n/a |
| 0.50 | 0.65 | 1.25 | n/a | n/a | n/a | n/a |
| | | 21 | - 29 g/ 10 |)0 m ² | | |
| PRO |) | | | | | |
| 0.25 | 0.35 | 0.65 | 0.90 | 1.30 | 2.00 | 2.65 |
| 0.30 | 0.35 | 0.70 | 1.00 | 1.45 | 2.15 | 2.85 |
| 0.4 | 0.5 | 1 | 1.4 | 2 | 3 | 4 |
| 0.70 | 0.90 | 1.80 | n/a | n/a | n/a | n/a |

PRO-Soluble fertilizers

Plant-Prod Turf Micro Mix

- Chelated

This complete micronutrient package is formulated specifically for turf, it is completely water soluble and chelated for easy uptake. Use it as a supplement where deficiencies exist or as part of a regular nutrition program.

10 kg | 580173

| Magnesium (Mg) | 2.9% |
|-----------------|-------|
| Boron (B) | 1.3% |
| Copper (Cu) | |
| Iron (Fe) | |
| Manganese (Mn) | 2.0% |
| Molybdenum (Mo) | |
| Zinc (Zn) | 0.04% |
| | |

Plant-Prod Solutions 25-0-0

- Fairway Take Down

Fairway Take Down is an economical, nitrogen based fertilizer consisting of equal parts ammonium sulphate and urea, blended especially for fairway use. Iron, magnesium and manganese have been added to help correct deficiencies and provide quick and sustainable colour.

15 kg | 37011

| Total Nitrogen (N) | . 25% |
|--------------------|-------|
| Magnesium (Mg) | |
| Sulphur (S) | . 13% |
| Iron (Fe) | 0.7% |
| Manganese (Mn) | 3.6% |

Plant-Prod 14-0-14

- Balance

Excellent choice for cool weather, seed establishment, flushing events, and whenever additional calcium and magnesium are required. Contains an ideal 2:1 calcium to magnesium ratio, complete micronutrient supply and 90% of nitrogen in nitrate form. $15 \text{ kg} \mid 35420$

| Total Nitrogen (N) | 14% |
|---------------------------------|--------|
| Soluble Potash (K,O) | 14% |
| Calcium (Ca) | |
| Magnesium (Mg) | 2.9% |
| Chelated Copper (Cu) | |
| Chelated Iron (Fe) | 0.10% |
| Chelated Manganese (Mn) | 0.05% |
| Molybdenum (Mo) | 0.015% |
| Chelated Zinc (Zn) | 0.05% |
| EDTA (chelating agent) | 1.24% |
| (Ethylene Diamine Tetraacetate) | |
| | |

Note: These are recommended rates only and may vary according to field

talk to your Sales Representative.

Minimum Water Volumes

(See label for more details)

4-8 L/1 000 ft² 8-20 L/1 000 ft²

watering in is recommended

conditions. For more information please

Plant-Prod 35-5-10

- Turf

This urea based formulation will provide 4 to 8 weeks of fertility. It is compatible with most turf herbicides, insecticides and fungicides. 35-5-10 is ideal for larger areas and fits well into a spray program.

15 kg | 36250

| Total Nitrogen (N) | | | .35% |
|--------------------|---|----|------|
| Nitrate Nitrogen | ١ | 2% | |
| Ammoniacal Nit | | | |
| Urea Nitrogen | | | |
| Available Phosphor | | | 5% |
| Soluble Potash (K2 | | | |
| Iron (Fe) | | | |
| - (- / | | | |

Plant-Prod 38-0-10

- No Phos Turf

All purpose no-phos formula for quick colour response and flexible rate based longevity. Ideal tank mix partner and base of any fertility program when phosphorus is not required.

15 kg | 37005

| Total Nitrogen (N) | 38% |
|------------------------|------|
| Soluble Potash (K,O) | |
| Chelated Iron (Fe) | |
| EDTA (chelating agent) | 0.5% |
| | |



Plant-Prod 10-52-10

- Starter

New turf needs the extra phosphorus in Plant-Prod 10-52-10 to build a strong root system. With a low salt index and no harmful chlorides or sulphates, this fertilizer is especially safe for young turf. 15 kg | 35400

Fertilizers

| Total Nitrogen (N) Nitrate Nitrogen | |
|--|---------|
| Ammoniacal Nitrogen | |
| Urea Nitrogen | |
| Available Phosphoric Acid (P2O5) | 52% |
| Soluble Potash (K ₂ O) | |
| Boron (B) | |
| Copper (Cu) | 0.05% |
| Iron (Fe) | 0.10% |
| Manganese (Mn) | 0.05% |
| Molybdenum (Mo) | 0.0005% |
| Zinc (Zn) | |
| | |

Plant-Prod 28-14-14

- High N

Excellent recovery product with a low salt index for new plants or post mechanical stresses including aerification.

15 kg | 36100

| Total Nitrogen (N) | | . 28% |
|----------------------------------|--------|-------|
| Nitrate Nitrogen | . 1.7% | |
| Ammoniacal Nitrogen | . 0.3% | |
| Urea Nitrogen | 26% | |
| Available Phosphoric Acid (P2O5) | | . 14% |
| Soluble Potash (K,O) | | |
| Iron (Fe) | | |
| Manganese (Mn) | 0 | .05% |
| Zinc (Zn) | 0 | .05% |
| Cooper (Cu) | | |
| Boron (B) | 0 | .02% |
| Molybdenum (Mo) | 0.00 |)05% |
| | | |

Plant-Prod 12-0-44

- Start and Finish

This provides excellent green-up in low temperature conditions. Apply in the fall for extra protection against drought and winter

15 kg | 35000

| Total Nitrogen (N) | 12% |
|-----------------------------------|---------|
| Nitrate Nitrogen | |
| Ammoniacal Nitrogen | |
| Urea Nitrogen | |
| Available Phosphoric Acid (P2O5) | |
| Soluble Potash (K ₂ O) | |
| Boron (B) | 0.02% |
| Copper (Cu) | 0.05% |
| Iron (Fe) | 0.10% |
| Manganese (Mn) | |
| Molybdenum (Mo) | 0.0005% |
| Zinc (Zn) | 0.05% |

Rates lb N/1 000 ft²

| # ID | Product | NITRATE | AMMONIACAL | UREA | MICROS | 0.1 | 0.125 | 0.25 | 0.35 | 0.5 | 0.75 | 1 |
|----------------------|--|---------|------------|------|-----------------------|------------------------------|-------|--------|-------|--------|---------|-------|
| SPECI | ALTY | | % of N | | | | | | | | | |
| 35400 | Plant Prod 10-52-10 Starter | | 7.1 | 2.9 | Fe, Mn, Zn, B, Cu, Mo | 1.00 | 1.25 | 2.50 | n/a | n/a | n/a | n/a |
| 35000 | Plant Prod 12-0-44 Start and Finish | 12 | | | Fe, Mn, Zn, B, Cu, Mo | 0.85 | 1.00 | 2.10 | n/a | n/a | n/a | n/a |
| 36100 | Plant-Prod 28-14-14 High N | 1.2 | 0.3 | 26 | Fe, Mn, Zn, B, Cu, Mo | 0.35 | 0.45 | 0.90 | n/a | n/a | n/a | n/a |
| GARDEN AND LANDSCAPE | | | | | | | | | | | | |
| 36200 | Plant-Prod 20-20-20 Classic | 5.9 | 3.9 | 10.2 | Fe, Mn, Zn, B, Cu, Mo | 0.50 | 0.65 | 1.25 | Garde | ns 100 | -200 g/ | 100 L |
| 35500 | Plant-Prod 15-30-15 High P | 4.4 | 5.9 | 4.7 | Fe, Mn, Zn, B, Cu, Mo | 0.67 Gardens 135-250 g/100 L | | \neg | | | | |
| TREES | S AND SHRUBS | | | | | | | | | | | |
| 36100 | Plant-Prod 28-14-14 High N | 1.2 | 0.3 | 26 | Fe, Mn, Zn, B, Cu, Mo | 70-150 g / 100 L | | | | | | |
| 35016 | Plant-Prod 30-8-8 WIN Trees and Shrubs | | | 30 | Fe, Mn, Zn, B, Cu, Mo | 6 Kg / 100 m² in 200 L water | | | | | | |

Plant-Prod 15-30-15

- High P

Plant-Prod High P fertilizer is ideal in early stages of plant growth and can be used to remedy phosphorus deficient soils.

15 kg | 35500

| Iotal Nitrogen (N) | 15% |
|--|---------|
| Nitrate Nitrogen | |
| Ammoniacal Nitrogen | 5.9% |
| Urea Nitrogen | 4.7% |
| Available Phosphoric Acid (P ₂ O ₅) | 30% |
| Soluble Potash (K ₂ O) | 15% |
| Boron (B) | 0.02% |
| Chelated Cooper (Cu) | 0.05% |
| Iron (Fe) | 0.10% |
| Chelated Manganese (Mn) | 0.05% |
| Molybdenum (Mo) | 0.0005% |
| Chelated Zinc | 0.05% |
| EDTA (chelating agent) | 1.24% |
| | |

Soluble Raw Materials

Note: These are recommended rates only and may vary according to field conditions. For more information please talk to your Sales Representative.

Minimum water volumes (See label for more details)





watering in is recommended

Plant-Prod 20-20-20

- Classic

Its high percentage of ammoniacal and urea nitrogen will provide rapid green up and leaf expansion while the balanced phosphorous and potassium will encourage root and shoot growth.

15 kg | 36200

| Total Nitrogen (N) | | 20% |
|-----------------------------------|-------|--------|
| Nitrate Nitrogen | | |
| Ammoniacal Nitrogen | 0% | |
| Urea Nitrogen | 11.3% | |
| Available Phosphoric Acid (P2O5) | | 20% |
| Soluble Potash (K ₂ O) | | |
| Magnesium (Mg) | | .0.15% |
| Boron (B) | | .0.02% |
| Copper (Cu) | | .0.05% |
| Iron (Fe) | | 1.0% |
| Manganese (Mn) | | .0.05% |
| Molybdenum (Mo) | 0. | 0005% |
| Zinc (Zn) | | .0.05% |
| | | |

Plant-Prod 30-8-8

- Trees and Shrubs

Water suspendible fertilizer with slow release nitrogen and chelated micronutrients designed for root injections or soil applications.

15 kg | 35016

| Water insoluble N from urea forma | , |
|-----------------------------------|-----|
| Available Phosphoric Acid (P2O5) | |
| Soluble Potash (K,O) | |
| Boron (B) | |
| Chelated Cooper (Cu) | 0.0 |
| Chelated Iron (Fe) | 0.1 |
| Chelated Manganese (Mg) | 0.0 |
| Molybdenum (Mo) | |
| Chelated Zinc (Zn) | 0.0 |
| ETDA (chelating agent) | |

Soluble Raw Matrerials

| ID | Product | N-P-K | Micros | Rate |
|------|--|---------------|---------------|--------------------|
| 2561 | Urea (22.7 Kg) | 46-0-0 | | 1/10-1/4 lb N/K |
| 3644 | Ammonium Sulphate (25 kg) | 21-0-0 | S | 1/10-1/4 lb N/K |
| 4289 | Potassium Nitrate 13-0-46 (25 Kg) | 13.5-0-0 | | 1/10-1/4 lb N/K |
| 4303 | Calcium Nitrate YaraLiva Calcinit 15.5-0-0 (25 Kg) | 15.5-0-0 | 19% Ca | 1/10-1/4 lb N/K |
| 3719 | Magnesium Nitrate (25 Kg) | 11-0-0 | 9.6% Mg | 1/10-1/4 lb N/K |
| 3735 | Solupotasse Potassium Sulphate 0-0-51 (25 Kg) | 0-0-50 | S | 1/10-1/2 lb N/K |
| 3667 | Mono Ammonium Phosphate (MAP) (25 Kg) | 12-62-0 | | 1/10-1/2 lb N/K |
| 4291 | Mono Potassium Phosphate (MKP) (0-52-34) (25 Kg) | 0-52-34 | | 1/10-1/2 lb N/K |
| 3955 | Iron Chelate 13.2% EDTA (E-Fe-13) | MicroNutrient | EDTA 13.2% Fe | 10-30 g/K |
| 4080 | Iron Sulphate Fe 20% | MicroNutrient | 21% Fe | 30-60 g/K |
| 3715 | Magnesium Sulphate (Epsom Salt) (25 Kg) | MicroNutrient | 10% Mg | Soil test required |
| 4086 | Manganese Sulphate 32% (22.7 kg) | MicroNutrient | 29.5% Mn | Soil test required |

Soluble Raw Matrerials

Fertilizer tank mix compatibility chart should only be used as a guide. Water quality, pH, quantity of materials, and other factors may affect solubility and/or compatibility. Always complete jar tests or contact your Plant Products representative for more information.

| Fertilizer | | | | | | | |
|---|----|----|-----|----|-----|----|-----|
| Tank Mix Compatibility | Ur | AS | MPK | PN | SOP | CN | MgS |
| Urea (Ur) | | | | | | | |
| Ammonium Sulphate (AS) | С | | | | | | |
| Mono-Potassium Phosphate (MKP) | С | L | | | | | |
| Potassium Nitrate (PN) | С | L | С | | | | |
| Potassium Sulphate (SOP) | С | С | С | С | | | |
| Calcium Nitrate (CN) | С | L | Х | С | L | | |
| Magnesium Sulphate (MgS) | С | С | Х | L | С | L | |
| C = Compatible L = Limited Compatibility X = Incompatible | | | | | | | |

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Organic Fertilizers, Biostimulants and Supplements

Biostimulants and supplements fall into many categories, including: organic acids, plant based hormones, amino acids, vitamins, microbial inoculants, plant extracts, etc.

Some of these materials can stimulate plant growth, improve plant health, improve soil conditions, aid in stress tolerance including: wear, drought, disease and salinity issues.

Understanding the benefits of each component and proper timing of applications is important. Applications commencing prior to the onset of stress or adverse environmental conditions is advised. Plant Products carries a complete line of organics, biostimulants and supplements containing sources below:

Seaweed Extracts are powerful biostimulants that have been found to improve root length and volume, turf quality, reduce stress, and enhance overall soil and plant health. They contain various bioactive compounds, including proteins, vitamins, amino acids and plant hormones that benefit the turf and soil.

Humic Acids benefit both soil and plant by acting as a natural chelating agent, increased cation exchange capacity (CEC), increasing root growth, respiration and improving fertilizer efficiency.

Fulvic Acids are smaller molecules than humic acid and the most water soluble. Due to their size, they can enter turf roots and leaf tissue while transporting complex nutrients, thus improving turfgrass plants metabolic functions.

Amino Acids are the building blocks of proteins and are essential in the formation of healthy leaf tissue and chlorophyll synthesis. Typically derived from plant based material, and therefore containing nitrogen. Advantages include: building and conserving of carbohydrates, increase plant vigor, and stress management.

Salicylic Acid is a naturally occurring plant growth regulator that enhances resistance to drought, environmental stress, hardiness and primes a plants systemic acquired resistance metabolism.

Betaine acts as an osmoprotectant and osmoregulator to balance water use and maintain nutrient uptake to maintain growth and recovery when wet wilt potential is high (poor drainage areas, and during periods of high humidity and minimal air circulation).

Beneficial Microorganisms, often bacterial, or fungal (mycor¬rhizae) chosen for specific characteristics have been proven to promote turf performance and improve soil health when soil and rootzone is populated. These benefits can include, improved nutrient availability, improved root uptake efficiency, and enhanced microbial activity.

Poultry Manure, when properly composted, like those found in Kreher and Healthy Grow products reduce excessive release of ammonium to provide a more consistent release when compared to traditional poultry manure products.

Liquid

Activ 0-0-5

Ascophyllum nodosum
Concentrated liquid extract of cold water seaweed designed for vegetables, greenhouse and hydroponic crops, and turf.

-60 mL / 100 m²
10 L | 580300

Era Boost Pro

Era Boost is a microbial product specially developed to maximize plant yield using five different bacterial strains that are shown to promote plant growth and enhance microbial life in and around plant roots.

- Increase the bioavailability of phosphate and calcium to the plant through the use of phosphate and calcium-solubilizing bacteria.
- Increase the bioavailability of iron through the use of siderophore producing bacteria.
- Promotes good soil health with enzymes that hydrolyze substrate into useful byproducts for the rhizospheric microbial communities.

1-2 mL/100 m² in 4-8 L/1000 m² $4\ L\ |\ 3778$

EZ-Gro organic grow suspension 3-1-1

Ez-Gro Organic Grow Suspension 3-1-1 is a suspension formula designed for vegetative growth that is suitable for organic use. This product contains all major nutrients - nitrogen, phosphorus and potassium - as well as the micronutrient zinc and a non-plant food ingredient: yucca extract.

2 -5 ml / L water 20 L | 3685

Tuf Pride Solutions Bio products

See page 7 for all details

- Turf Pride Bio 4 Stress Management all surfaces
- Turf Pride Bio 12 Greens Maintenance
- Turf Pride Bio 30 Fairway/Lawn Maintenance
- Turf Pride PreStress 2-0-2 Complete

Soluble



EZ-Gro 18-0-0 Nitrogen

Completely water soluble allowing the efficient uptake of nitrogen for all your crops. It can be applied as a foliar spray or fed to the soil. It is a completely solubilized, hydrolyzed, vegetable protein which supports plant growth and benefits soil health. 18-0-0 Nitrogen is 80% protein hydrolysate/amino acid derived from digested vegetable protein and contains no animal byproducts* Frequent applications at lower rates are generally more effective than fewer applications at higher rates.

20-40 g/100 m² 25 kg | 3690

EZ-Gro 10-0-0- Iron 10%

An amino acid, chelated micronutrient and biostimulant, and is intended for use as a plant nutrient supplement for the correction of iron deficiencies.

EZ-Gro Nature's Nectar 3-1-4

Product derived from plant protein hydrolyzate for general use. Also contains potassium sulfate and orthophosphoric acid extracted from ground seeds.

Plant Products supplies the highest quality of granulated organic fertilizers to reduce dust and odour when applying. Our organic granular fertilizers use sources such as alfalfa meal, feather meal, poultry litter compost, kelp meal, mushroom and leaf and litter compost. Speak to your rep to discuss which source, and granulation method is right for you.

EZ-Gro 0-0-5 Humic Acid 80%

Can be used as a soil or foliar application. It may enhance nutrient uptake by plants. It is compatible with most powdered and liquid fertilizer and biological and enzymatic formulations.

25 kg | 3694

EZ-Gro 0-0-3 Fulvic Acid 70%

Can be used as a soil or foliar application. It may enhance nutrient uptake by plants. It is compatible with most powdered and liquid fertilizers biological and enzymatic formulations.

25 kg | 3695

Trizae WS (QC only)

Trizae is a beneficial fungi blend that rapidly colonizes roots to extend root zone capacity. Thus improving absorption capacity of nutrients and water.

200 g | 25467



Granular



AGTIV REACH G Turf

Granular naturally beneficial endomycorrhizal fungi inoculant designed to be applied at seeding, when laying sod or for turf maintenance. Ensures faster establishment, reduces watering and fertilizer use, while improving soil structure. $20~{\rm Kg}~|~204290$

| # ID | Product | Description | SGN | Estimated response time | Rate/ 1000 ft ² | Weight |
|--------|--|--|-----|-------------------------|-------------------------------|--------|
| 580165 | Healthy Grow 8-3-5 | Homogenous ACCM, AS, MU, molasse + Ca, Mg, S | 90 | 6-8 weeks | 4-12 lb | 50 lb |
| 580174 | Healthy Grow 2-4-3 | Homogenous ACCM + Ca, S | 200 | 10 + weeks | 25-50 lb | 50 lb |
| 580227 | Turf Pride All Natural 5-1-3 with Kelp | Homogenous organic blend + SWE, Ca, Mg, S | 250 | 10-12 weeks | 9.5-19 lb | 20 kg |
| 580281 | Turf Pride Granulated Lawn Compost 0.6-1.2-0.6 | Poultry, plant and mushroom compost + Ca | 220 | 10-12 weeks | 9.5-19 lb | 18 kg |
| 3806 | Kreher Poultry Compost 5-4-3 | Granulated 100% poultry compost + Ca | 250 | 10 + weeks | 10-20 lb | 18 kg |
| 3801 | Kreher 8-2-2 Organic | Granulated chicken manure and feather meal | 250 | 10 + weeks | 10-15 lb | 50 lb |
| 3802 | Kreher 4-3-10 Organic | Granulated chicken manure and SOP | 250 | 10 + weeks | 10-20 lb | 50 lb |





All Selectus blends use best suited varieties selected based on climate and seed availability.

Selectus Professional Blends are available in 1,10 or 25 kg formats. Speak to your Plant Products representative for local availability.





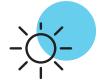








Selectus





| | Selectus Pro Sun | Selectus Pro Shade |
|--|--|--|
| Blend | 40% Kentucky bluegrass, 35% Perennial ryegrass, 25% Creeping red fescue | 40% Creeping red fescue, 30% Chewings, 20% Perennial ryegrass, 10% Kentucky bluegrass |
| Description | Ideal mixture for high quality lawns with sun exposure. Tolerates drought and heat better than any other mix | High quality, this mixture performs very well in shaded areas. Requires 5-7 hours of sunshine to achieve optimum density |
| Advantages | Good quality mixture, tolerates drought and heat. Requires less water | High tolerance to shade, salt and poor soils |
| General recommendations | Residential, parks and green spaces | Residential, parks and green spaces, roadside, industrial land and naturalized areas |
| Establishment rate Overseeding rate | 4-6 lb/1 000 ft ² 4-6 lb/1 000 ft ² | 6-10 lb/1 000 ft ² 4-6 lb/1 000 ft ² |



Turf Pride Seed and Feed 0.5-1-0.5 with Rapid Fix

40% Double 4N perennial ryegrass 30% Esquire perennial ryegrass 30% Fiesta 4 perennial ryegrass

Turf Pride Seed and Feed is a low odour mix of granulated compost, with 15% by weight of Selectus™ Rapid Fix turf seed blend, providing a balanced N-P-K ratio with naturally occurring Calcium and Magnesium.

Supply non-burning slow release nutrient sources, improving seed establishment, enhance microbial activity and can enhance soil structure and moisture retention.

Fixing and overseeding lawn and sportsfiled

4.5-6 lb/1 000 ft² 4.5-6 lb/1 000 ft²



| | Selectus Pro All Purpose | Selectus Pro Sportsturf | Selectus Pro Rapid Fix | | |
|--|--|---|---|--|--|
| Blend | 40% Kentucky bluegrass (85-80), 30% Perennial ryegrass, 15% Chewings (95-90), 15% Creeping red fescue (95-80) | 25% Kentucky bluegrass Compact, 25% Kentucky bluegrass America (95-85), 25% Perennial ryegrass, 25% Perennial ryegrass (95-90) | 100% Perennial ryegrass, 3 cultivars (98-90) | | |
| Description | A classic balanced, reasonably priced mixture ideal for establishment and repair of residential and commercial lawns under typical soil and environmental conditions | A premium high quality blend of compact type KBG and latest genetic of PRG all certified cultivars | A mix of 3 top rated PRG cultivars for rapid germination and strong establishment | | |
| Advantages | Good quality, ease of use, different sizes | Premium quality, very resistant to traffic, fine leaf, high density, high stress tolerance, ½ inch cutting height | Establishes quickly and produces a turf that is very resistant to disease, heat and drought. Cultivars are enhanced with endophytes which provides a good resistance to insect damage | | |
| General recommendations | Full sun lawns, road sides, ground covers, industrial parks, hydro lines, etc | Athletic fields, high traffic areas | Repair and overseeding of lawns and sportsfields | | |
| Establishment rate Overseeding rate | 5-6 lb/1 000 ft ² 4-6 lb/1 000 ft ² | 4-6 lb/1 000 ft ² 3-4 lb/1 000 ft ² | 6-8 lb/1 000 ft ² 4-6 lb/1 000 ft ² | | |

| Selectus Pro KBG Overseed | Selectus Pro Blue fescue | Selectus Pro Scottish Fescue Mix | Selectus Pro Econo Mix |
|--|---|--|---|
| 40% Perennial ryegrass (98-90), 40% Perennial ryegrass (98-90), 20% Kentucky bluegrass (95-85) | 35% Chewings (95-80), 35% Creeping red fescue (95-80), 30% Kentucky bluegrass (95-90) | 40% Hard Fescue 20% Sheeps Fescue 20% Chewings Fescue 15% Creeping Red Fescue 5% Oats | 20% Annual ryegrass, 20% Kentucky bluegrass (85-80), 30% Fine fescue (90-75), 30% Perennial ryegrass (90-90) |
| A premium blend of top rated PRG cultivars and elite KBG for rapid establishment and durable high quality turfgrass | A high quality blend of Fine Fescues and elite KBG for very high quality fine turf and ecological maintenance | Scottish Fescue Mix is specially formulated for natural and low maintenance areas on golf courses. | A rapid germination, economical blend of common turf varieties |
| A premium blend to establish a high quality turf. Excellent for tees and high end fairways. Will tolerate low cutting heights and very high disease resistance | Excellent turf for problem areas or low maintenance turf. High resistance to shade, low fertility and maintenance without compromising turf quality. Very dense and dark green colour | Designed to provide a natural look throughout the entire season with minimal maintenance. | Rapid germination, very versatile ground cover, great price |
| Repair and overseeding for lawns and sportsfields | Dry and/or shaded lawns | Naturalized areas | Road sides, ground covers, hydro lines, and more |
| 6-8 lb/1 000 ft ² 4-6 lb/1 000 ft ² | 7-10 lb/1 000 ft ² 5-7 lb/1 000 ft ² | 3-4 lb/1 000 ft ² 2-3 lb/1 000 ft ² | 6-10 lb/1 000 ft ² 4-6 lb/1 000 ft ² |



Bentgrass seeds

Bentgrass is one of the best looking turf grasses. With its deep green color, thick density and low growing habit, which allows very short mowing, bentgrass is known to give a very high quality lawn.



Performance of creeping bentgrass cultivars and selections in a putting green trial seeded in September 2020 at North Brunswick, NJ.

| Cultivars | Turf quality 2021-2022 | Turf quality 2021 | Turf quality 2022 | Spring GreenUp 2022 | Brown Patch 2022 | Dollar Spot 2022 |
|-------------|---------------------------|----------------------|----------------------|------------------------|---------------------|---------------------|
| Macdonald | 6.2 | 7 | 5.4 | 6.7 | 5.5 | 5.7 |
| Tillinghast | 6 | 6.2 | 5.8 | 5.7 | 6.7 | 8.3 |
| Piper | 6.7 | 6.9 | 6.6 | 5.7 | 6.5 | 8 |
| 777 | 6.0 | 6.6 | 5.3 | 5.3 | 5.5 | 4.7 |
| 007XL | 7 | 7.4 | 6.6 | 5 | 7.3 | 8.3 |
| Oakley | 7.2 | 7.4 | 7.1 | 5 | 7.5 | 7.3 |
| Flagstick | 3.8 | 4.8 | 2.8 | 2.7 | 4.2 | 7.7 |
| Mackenzie | 3.6 | 4.5 | 2.6 | 2 | 3.7 | 6.3 |

Turf quality rated on a 1 to 9 scale, where 9 = best turf quality

Spring green-up rated on a 1 to 9 scale, where 9 = earliest turf green-up

Brown Patch disease rated on a 1 to 9 scale, where 9 = best disease resistance data is an average of two ratings

Dollar spot disease rated on a 1 to 9 scale, where 9 = best disease resistance

| | Selectus Bentgrass Pro | Selectus Bentgrass Tournament | Selectus Bentgrass VNS | MacDonald | Tillinghast, | 007XL |
|-------------------------------|--|----------------------------------|-----------------------------|---|---|--------------------------|
| # ID | 40729 | 40728 | 40703 | 40733 | 40746 | 40742 |
| Blend | - Macdonald - Tillinghast - 777 | - Macdonald - Tillinghast | 2 or 3 variety blend | - Macdonald | - Tillinghast | |
| Description | Ultra dense, ideal for new establishment | Ultra dense and versatile | Economique, excellent value | Ultra dense, fast germination, suitable for cold seasons | Ultra dense, fast germination, suitable for cold seasons | Fast germ, very dense |
| Usage | Greens Premium | Greens, Tees, Fairways | | | | |
| Rate lb/1 000 ft ² | 1-1.5 | 1-1.5 | 2-3 | 1-1.5 | 1-1.5 | 1-1.5 |
| Size | 11.34 kg | 11.34 kg | 11.34 kg | 11.34 kg | 11.34 kg | 11.34 kg |













| Fine fescue | Chewings Fescue |
|--------------------|---|
| # ID | 40340 |
| Variety | Leeward Chewings Fescue |
| Description | Dark green with fine foliage, this blend is resistant to salt. For greens, tees and fairways. |
| Establishment rate | 3-6 lb/1 000 ft ² |
| Size | 22.7 kg |
| | |

Complementary **Products**

PennMulch Seed Accelerator

Increases turf density and minimizes weed establishment. Retains moisture to promote germination. Includes starter fertilizers required for establishment.

40 lb | 580009

Selectus

CoverGrow

An advanced technology granular mulch made from recycled wood and cellulose fibers. Once applied to a seeded area and activated by water, the granules quickly expand and disperse to provide outstanding protection and water-holding performance right where it's needed.

Whether you're spot treating smaller bare spots or hydroseeding larger areas, Cover-Grow is the easy and convenient way to establish vegetation.

40 lb | 30621

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Amendment

Plant Products supplies a complete line of raw materials CRN types and soil amendments.

Straight Fertilizer and Soil Amendments

| ID | Product | Advantage |
|--------|---|----------------|
| 580110 | Turf Pride Ammonium Sulphate 21-0-0 Mini (25 Kg) | S |
| 580192 | Turf Pride Ammonium Sulphate 21-0-0 Reg (25 Kg) | S |
| 4274 | Calcium Nitrate Grhse Mini Prill (25 Kg) | 19% Ca |
| 4300 | Calcium Nitrate Sgn 240 (25 Kg) | 19% Ca |
| 580100 | Turf Pride Pelletized Gypsum Micro (25 Kg) | 21% Ca, 16% S |
| 580105 | Turf Pride Pelletized Gypsum Regular (25 Kg) | 21% Ca, 16% S |
| 4284 | Turf Pride Potassium Sulphate Micro (25 Kg) | S |
| 3738 | Turf Pride Potassium Sulphate Mini (25 Kg) | S |
| 3731 | Turf Pride Potassium Sulphate Regular (25 Kg) | S |
| 580123 | Turf Pride Spm Micro 0-0-21-11 Mg (25 Kg) | 11% Mg, 22% S |
| 580208 | Turf Pride Pelletized Calcitic Lime Micro (25 Kg) | 30% Ca |
| 580209 | Turf Pride Pelletized Calcitic Lime Regular | 30% Ca |
| 580102 | Turf Pride Dolomitic Lime Micro (25 Kg) | 20% Ca, 12% Mg |
| 590350 | Turf Pride Pelletized Dolomitic Lime Regular (25kg) | 20% Ca, 12% Mg |

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Specialty Products and Adjuvants

Disclose pH

Easy to use pH buffer for spray solutions $10 \, L \, | \, 43087$

Stick n Stay Deposition Aid

Helps get and keep your pest control applications where you want them. Available in both traditional and organic options.

3.78 L | 30559 - Traditional

9.46 L | 30558 - Organic

Turf Pride Defoamer

A few drops in the tank will help stop the formation of foam during mixing and loading.

946 mL | 43660

Turf Pride Tank Cleaner

Effective and economical way of cleaning spray equipment. 946 mL | 43662

Turf Pride Blue Spray Pattern Indicator

Dye used as a visual marker to indicate the areas covered during spraying. It guarantees a better application by avoiding overlaps and misses. Leaves a temporary visual marker that does not stain.

Turf Pride Blue Pond Dye

Convenient soluble packets to dye ponds. 6 x 149 g | 43663

Vision Pro HD

The next generation in spray pattern indicator. It may be used for pesticide applications, where there is a need to mark the spray pattern to prevent overlapping. The natural green colour helps enhance the aesthetic appearance of the turf.

3.78 L | 43300

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