



Jonathan Green
QUALITY LAWNS SINCE 1881

**Turf-pro**TM

2024
CATALOG

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TO ALL INDEPENDENT LANDSCAPE SUPPLY CENTERS:

Jonathan Green is building an exclusive, protected Turf-pro™ Professional Distributor Network throughout the Northeast, Mid-Atlantic, Southeast and Mid-West.

If you are interested in selling our award-winning line of Black Beauty grass seed mixtures, soil amendments, erosion control products and fertilizers to your landscapers and other turf professionals – then contact us today.

Call Keith Reilly, National Sales & Operations Manager, Turf-pro™ Division at (732) 938-7007 x214.

To learn more about Turf-pro™, scan the QR code below to visit our new Turf-pro™ website...
coming soon!



HOW CAN JONATHAN GREEN HELP YOUR BUSINESS TO STAND OUT IN A VERY CROWDED FIELD OF COMPETITORS?

At Jonathan Green, we believe that by researching and providing the newest technologies in lawn care, we can guarantee that your business provides superior results to your lawn customers.

Here are two important areas where Jonathan Green is a proven leader and can help you to succeed.

First...Plant the same seed used by sod growers from coast to coast. Your lawn will never be better than the seed you choose to grow. Using genetically superior Black Beauty® grass seed will reliably give your customers a lush, dark-green lawn that is more wear, heat, and drought tolerant than lower-priced, generic options. We have never been content to rest on our laurels, instead, our plant breeders continually work to provide the best of the best in grass seed. When we say that our varieties are "Genetically Superior"...WE MEAN IT! (You

can read about one of our recent innovations, Texas Bluegrass, on page 8.)

Secondly...Incorporate our line of professional Soil Foods into your lawn care programs. Using the best quality grass seed is only half of the solution. If your soil's pH is not balanced, your lawns will struggle to absorb the nutrients they need. If the soil is compacted, air, water, and nutrients will not be able to penetrate through to the root zone causing the lawn to suffer no matter how much fertilizer or weed controls you apply.

Jonathan Green will not promise to always be your least expensive supplier. Instead, we will promise to be your best supplier by supporting you with the very best cutting-edge products that will provide noticeably better results to impress your customers and keep them coming back year after year.

TESTIMONIALS



Jonathan Green's commitment to quality aligns perfectly with the Landscapers Supply mission to provide only the highest quality products and services to landscape professionals and homeowners alike. Our turf experts confidently recommend Black Beauty grass seed and other Jonathan Green products to any of our customers seeking a dark green, drought resistant lawn. Our partnership with Jonathan Green continues to grow each season as our customers discover the Jonathan Green difference.

- Paul Ambrose

CEO,
Landscapers Supply
Greenville, SC



We became a Jonathan Green Turf-pro™ distributor in January of 2023 and couldn't be happier. Both our landscapers and homeowners love JONATHAN GREEN results!

- Bob Ricker

Owner,
Bakers ACE Hardware & Rental
Millsboro, DE



With over 15 years of experience selling Jonathan Green's retail line, the decision to offer their Turf-pro™ line to our contractor base was an easy one to make. Jonathan Green has been the most reliable and best choice for quality seed since day one. Our Pro's have said time and time again that once they install a Jonathan Green lawn, they can't justify purchasing any other brand.

Here at Ali's, we are changing the name of the game for lawn installation and maintenance, and it starts and ends with Jonathan Green Turf-pro™! Thank you Jonathan Green for helping us to bring knowledge and quality products to our many Pro's and Pro's to be.

- Pete Bard

Sales Manager,
Ali's Nursery & Landscaping
Plantville, CT



In 2017, after a decade of successfully selling Jonathan Green retail products, we entered the professional market to introduce our region's landscapers and lawn specialists to Black Beauty seed and JG's soil amendments.

Since then, our Turf-pro™ division has grown immensely and our professional customers have accumulated hundreds of strong, healthy, deep-green success stories.

The scientifically sound, ecologically intelligent and verifiably beautiful Black Beauty lawns that are now scattered all over western-PA are a reminder of what is possible when quality-driven businesses like mine partner with like-minded companies like Jonathan Green.

- Ed Pfeifer

Owner,
Pfeifer Hardware and Supply
Mars, PA



Illinois



Pennsylvania



New York



Connecticut

Jonathan Green "Show Us Your Lawn" Contest Entries

CONNECTICUT

Ali's Nursery & Landscaping

421 Buckland St
Plantsville, CT 06479
860-621-6506

Benedict's Home & Garden

480 Purdy Hill Rd.
Monroe, CT 06468
203-268-2537

Joseph Golia Services

37 Vassar Ave
Stamford, CT 06902
203-324-6705

Route 7 Mason Supply

217 Ethan Allen Hwy/Rt 7
Ridgefield, CT 06877
203-664-1520

Shannon Landscape & Garden Center

1111 Honeyspot Road
Stratford, CT. 06615
203-375-8240

Smithland Bethel

74 South Street
Bethel, CT 06801
203-743-3232

Smithland Manchester

33 Adams Street
Manchester, CT 06042
860-643-5123

Smithland Middlefield

147 Meriden Road - Route 66
Middlefield, CT 06455-1068
860-347-7229

Smithland North Branford

11 Whitewood Lane
North Branford, CT 06471
203-483-7800

Smithland North Haven

66 State Street
North Haven, CT 06473
203-239-1687

Smithland Old Saybrook

923 Boston Post Road
Old Saybrook, CT 06475
860-920-5830

Smithland Southington

1198 Queen Street
Southington, CT 06489
860-410-1726

Stockyard

7 Iffland Pond Road
Litchfield, CT 06759
860-618-5100

DELAWARE

Baker's Hardware

28547 Dupont Blvd
Millsboro, DE 19966
302-934-7974

ILLINOIS

The Mulch Center

21457 Milwaukee Avenue
Deerfield, IL 60015
847-459-7200

The Mulch Center

27601 West Sullivan Lake Road
Volo, IL 60015
815-331-8835

The Mulch Center

12660 Bittersweet Avenue
Lake Bluff, IL 60044
847-578-0100

Tameling's Landscape Supply

7500 S. Madison St
Willowbrook, IL 60527
630-323-7171

INDIANA

Felger's Peat Moss

9912 Valentine Rd
Fort Wayne, Indiana 46818
260-693-3134

Kuert Outdoor Living

2129 W Wilden Ave
Goshen, IN 46528
574-312-7557

MASSACHUSETTS

Great Barrington Agway

30 Maple Avenue
Great Barrington, MA 01230
413-528-2390

Powell Stone & Gravel

133 Leominster Shirley Rd
Lunenburg, MA 01462
978-537-8100

Powell Stone & Gravel

673 Spring St
Winchendon, MA 01475
978-297-5600

Weston Wholesale

40 Frankland Rd
Hopkinton, MA 01748
508-962-2698

Weston Wholesale

160 Pine Hill Rd
Chelmsford, MA 01824
978-349-0055

Weston Wholesale

183 Summer St
Middleboro, MA 02346
508-946-1505

Weston Wholesale

1099 Main St
Hingham, MA 02043
781-749-3773

Windy Acres Landscape Supply

206 Hilton Lane
Swansea, MA 02777
774-644-9127

MICHIGAN

Masserant's Feed & Grain

8480 Secor Road
Lambertville, MI 48144
734-568-6024

Masserant's Feed & Grain

3546 Mill Street
Newport, MI 48166
734-586-2451

Mattawan Landscaping Supply

26333 Red Arrow Hwy
Mattawan, MI 49071
269-283-5040

NEW HAMPSHIRE

Powell Stone & Gravel

87 Route 13
Brookline, NH. 03033
603-673-8100

NEW JERSEY

Central Jersey Nurseries

18 Hamilton Rd
Hillsborough, NJ 08844
908-359-4652

Empire Supplies

1232 North Ave
Plainfield, NJ 07062
908-668-0244

Empire Supplies

324 Washington St
Orange, NJ 07050
973-673-0025

Fanelli Landscape Supply

439 Buckelew Ave
Monroe Twp., NJ 08831
732-521-2192

Forcellati Brothers Inc

691 Rivervale Rd
River Vale, NJ 07675
201-391-2677

Hammett's Landscape and Garden Center

425 South Main St
Forked River NJ 08731
609-971-0453

Jefferson Recycling

710 Rt 15 North
Lake Hopatcong, NJ 07849
973-361-7755

Mike's Country Market

200 Riva Ave
Milltown, NJ 08850
732-821-7144

Pantano Nursery & Landscape Supply

143 County Road 522
Manalapan, NJ 07726
732-786-8503

Pride Landscape Supply

350 Ernston Rd
Parlin, NJ 08859
732-721-0554

Rohsler's Allendale Nursery

100 Franklin Tpk
Allendale, NJ 07401
201-327-3156

Ryser's Landscape Supply

145 White Rd
Little Silver, NJ 07739
732-741-8338

Smeltzer & Sons

1139 Rt 9 South
Cape May Ct Hse, NJ 08210
609-465-4500

Stone Brook Garden Center

451 Market St
Saddlebrook, NJ 07663
973-778-4883

Tidbury Creek Farms & Nursery

313 Spotswood Gravel Hill Rd
Monroe Township, NJ 08831
732-521-5691

NEW YORK

Beck's Hardware

2412 Rt 52
Pine Bush, NY 12566
845-744-3736

Beck's Home & Garden

105 Depot St
Pine Bush, NY 12566
845-744-2011

Carmel Winwater Works

86 Fair St
Carmel, NY 10512
845-228-4086

Chatham Agway

2574 Route 66
Chatham, NY 12037
518-392-3485

Claverack Agway

52 Route 9H
Claverack, NY 12513
518-851-5391

DeSetta Nursery

144 Franklin Ave
Woodmere, NY 11598
516-295-1866

ATTENTION LANDSCAPERS!

Visit the **Turf-pro™ Distributor** near you, in other areas call 1-800-526-2303 x214

Evergreen Land Inc.
504 Nassau Rd
Roosevelt, NY 11575
516-665-3221

Fanelli Landscape Supply
3599 Victory Blvd
Staten Island, NY 10314
718-761-5698

Hardscrabble Supply
110 Hardscrabble Road
North Salem, NY 10560
914-669-5150

H. G. Page
360 Manchester Rd.
Poughkeepsie, NY 12603
845-452-7130

Gedney Farms
870 Mamaroneck Ave
White Plains, NY 10605
914-949-4100

Lawton Adams Construction
260 RT. 100
Somers, NY
914-232-3275

Malta Farm & Garden
2712 US 9
Malta, NY 12020
518-348-6374

M & D Nursery
2270 Stillwell Avenue
Brooklyn, NY 11223
718-946-7544

Millerton Agway
5980 Elm Avenue
Millerton, NY 12546
518-789-4471

Pollack Paint and Field
3326 Merritt Avenue
Bronx, NY 10475
914-968-2721

Priority Landscape Design
1861 McDonald Avenue
Brooklyn, NY 11223
718-376-3344

Prospero's Nursery
1120 Knollwood Rd.
White Plains, NY 10603
914-592-3748

Sweetbrook Nursery
2371 Forest Ave
Staten Island, NY 10303
718-448-5661

Whispering Pine Landscape Supply
1 Windsor Rd.
Mahopac, NY 10541
914-248-5100

NORTH CAROLINA

Turf Mountain Sod
3277 Chimney Rock Road
Hendersonville, NC 28792
828-685-3642

PENNSYLVANIA

Pfeifer Hardware & Supply
300 Marshall Way
Mars, PA 16046
724-625-9090

SOUTH CAROLINA

Landscapers Supply of Anderson
6601 Highway 81N
Piedmont, SC 29673
864-947-6377

Landscapers Supply of Easley
420 Williams Rd
Easley, SC 29640
864-859-4230

Landscapers Supply of Greenville
1620 Pleasantburg Drive
Greenville, SC 29609
864-322-6900

Landscapers Supply of Greer
2170 SC-101
Greer, SC 29651
864-877-1047

Landscapers Supply of Seneca
859 Bypass 123
Seneca, SC 29678
864-280-9445

Landscapers Supply of Simpsonville
926 Fairview Road
Simpsonville, SC 29680
864-862-8808

Simpsonville ACE Hardware
30 Ray E. Talley Ct.
Simpsonville, SC 29680
864-757-8312

Improve the Seed. Improve the Soil. Improve the Lawn.



Use Genetically Superior Black Beauty Grass Seed



Stop Soil Compaction and Activate Microbes with Love Your Soil



Ajust Soil pH with MAG-I-CAL

SIGNATURE GRASS SEEDS



- Produces the darkest green sod
- Used by leading sod growers



INTRODUCING TEXAS BLUEGRASS

Jonathan Green Texas Bluegrass Grass varieties are our most heat and drought tolerant grasses yet! Texas Bluegrass is perfect for sunny and/or shady areas. Texas Bluegrass can withstand very hot temperatures, up to 104°F and require less maintenance than traditional Kentucky Bluegrass. Texas Bluegrass will produce a dark-green, heat resistant, highly durable lawn, making it ideal for lawns located in southern California, northern Texas, Tennessee, and North Carolina or anywhere along the transition zone.



A Blue Gem Texas Bluegrass lawn in Tennessee



Exclusive. Proprietary.
Genetically superior grass seeds.

- Roots that can grow up to 4' deep
- Invisible waxy leaf coating, like the skin on an apple, that preserves moisture and wards off diseases
- Incredible dark-green color
- Non-clumpy, uniform leaf texture
- Naturally insect resistant
- Used by leading sod growers across the USA



A Black Beauty sod field

USE BLACK BEAUTY GENETICALLY SUPERIOR GRASS SEED

Your lawn is only as good as the seed it starts from and there is no grass seed on the market today that rivals the performance of **Black Beauty**. At Jonathan Green, we have continued to improve our lawn grasses in our own turfgrass breeding program. We have developed cultivars that are truly innovative and genetically superior. These varieties are capable of producing beautiful lawns that are naturally darker-green in color, even under tough growing conditions. Success with your lawn cannot be achieved without using superior grass seed varieties, so introduce your customers to **Black Beauty** grass seed mixtures today!



SCAN ME



TURF-TYPE TALL FESCUES

Seed Rates:

5 to 8 lbs./1,000 sq. ft.

- Roots that grow up to 4' deep
- Rich, dark-green color
- Uniform growth habit
- Waxy leaf coating preserves moisture during hot, dry periods
- Germinates in 10 to 21 days
- Grown by leading sod growers across the USA



KENTUCKY BLUEGRASSES

Seed Rates:

1 to 3 lbs./1,000 sq. ft.

- Produces a densely rooted, dark-green lawn
- Disease and drought resistant
- Perfect for athletic fields and rugged play areas
- Uniform growth habit
- Germinates in 21 to 28 days
- Grown by leading sod growers across the USA



PERENNIAL RYEGRASSES

Seed Rates:

5 to 7 lbs./1,000 sq. ft.

- Fast growing grass type with a wide range of uses
- Grows best in full sun to partial shade
- Dark-green color that mixes well with other grasses
- Disease, drought, and wear tolerant
- Used in professional lawn, athletic field and golf course mixtures
- Naturally insect resistant
- Germinates in 7 to 14 days



FINE FESCUES

Seed Rates:

4 to 5 lbs./1,000 sq. ft.

- Tolerates dry, infertile soil, grows well in shady locations
- Mixes very well with all grasses
- Low maintenance requirements for feeding, water, and mowing
- Naturally insect resistant
- Germinates in 10 to 21 days





Turf-pro™ Black Beauty® Sun & Shade

Our best-selling and most popular grass seed mixture

Versatile and adaptable Black Beauty varieties that grow well in sunny or shady lawn conditions

Germinates in 10 to 14 days

Naturally insect and disease resistant

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 7,500 | 12221 | 25 | 40 |
| 15,000 | 12220 | 50 | 20 |

40% Montana Tall Fescue
25% Toltec Tall Fescue
15% Frontier Perennial Ryegrass
10% Highlife Perennial Ryegrass
10% Pivot Kentucky Bluegrass



Turf-pro™ Black Beauty® Heat & Drought

Contains our newest, most drought tolerant blend of Black Beauty Tall Fescues

Perfect for overseeding into any existing lawn (sun or shade)

Used by leading sod growers

Naturally insect resistant grass

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 7,500 | 12224 | 25 | 40 |
| 15,000 | 12223 | 50 | 20 |

40% Golconda Tall Fescue
30% Future Tall Fescue
30% Montana Tall Fescue



Turf-pro™ Black Beauty® Dense Shade

The most shade-tolerant Black Beauty varieties for a lawn that grows well in tree-lined areas

Specially formulated to grow grass in spots with limited sunlight

Germinates in 10 to 14 days

Naturally insect and disease-resistant

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 7,500 | 12222 | 25 | 40 |

35% Montana Tall Fescue
20% Highlife Perennial Ryegrass
15% Toltec Tall Fescue
10% Frontier Perennial Ryegrass
10% Carson Chewings Fescue
10% Hood Chewings Fescue



Turf-pro™ Black Beauty® Sodmaker

A special mix of elite Black Beauty Tall Fescue and Blue Panther Texas Bluegrass

Produces the darkest green, most disease and drought-resistant sod on the market today

Incredibly durable and uniform; perfect for athletic fields

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 15,000 | 12240 | 50 | 20 |

30% Golconda Tall Fescue
30% Future Tall Fescue
25% Montana Tall Fescue
15% Solar Texas Bluegrass



Turf-pro™ Tri-Rye Perennial Ryegrass Blend

Contains quick-germinating, turf-type Perennial Ryegrasses

Perfect for repairing bare spots or overseeding your entire lawn

A golf course quality mixture

Incredible dark-green color

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 20,000 | 12225 | 50 | 20 |

40% Frontier Perennial Ryegrass
30% Highlife Perennial Ryegrass
30% Spirit Perennial Ryegrass



Blue Panther® Kentucky Bluegrass Blend

Establishes a traditional, sod-quality, Kentucky bluegrass lawn

Contains the best varieties that are grown by leading sod growers across America!
Dark-green, uniform, and traffic hardy

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 40,000 | 11980 | 25 | 40 |

40% Pivot Kentucky Bluegrass
30% Krypton Kentucky Bluegrass
20% Madison Kentucky Bluegrass
10% Deepblue Kentucky Bluegrass



Contractor's Mixture

Ideal for stabilization or temporary seeding

Quick germination and cover
Excellent value

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 6,500 | 11458 | 25 | 40 |
| 13,000 | 11460 | 50 | 20 |

85% Annual Ryegrass
8% VNS* Tall Fescue
7% VNS* Perennial Ryegrass

**Variety not stated*



Pasture Mixture

Endophyte-free

Elite forage grasses

Palatable and ideal for paddocks

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 21,780 | 11621 | 25 | 40 |
| 43,560 | 11620 | 50 | 20 |

30% Gulf Annual Ryegrass
25% Fawn Tall Fescue
15% Orchardgrass
15% Tetraploid Perennial Ryegrass
5% Kentucky Bluegrass
5% Timothy
5% White Clover

*Jonathan Green also offers the following:
Wildflower Mixes,
D.O.T. Mixes and
Erosion Control Mixes.*

*Consult your local,
Jonathan Green
Sales Rep for details.*





Black Beauty sod at Johnson's Sod Farm in Deerfield, NJ.

Jonathan Green has been an important supplier to professional sod growers across the United States for 65 years. We sell Black Beauty and Blue Panther grass seed mixtures to sod growers in all the states where cool season grasses are grown.



Tom and Kevin Shuback of Shuback Farms, Pine Island, NY, on a Blue Panther Kentucky Bluegrass field ready for harvesting.



Texas Hybrid Bluegrass Blue Panther Sod still showing the remnants of a recent snow at Turf Mountain Sod, North Carolina.



Installation at the Appalachian State University Football Field of beautiful Black Beauty Sod grown with Turf-Pro soil foods.



A Black Beauty sod field.

SOD GROWERS KNOW THE IMPORTANCE OF HEALTHY SOIL



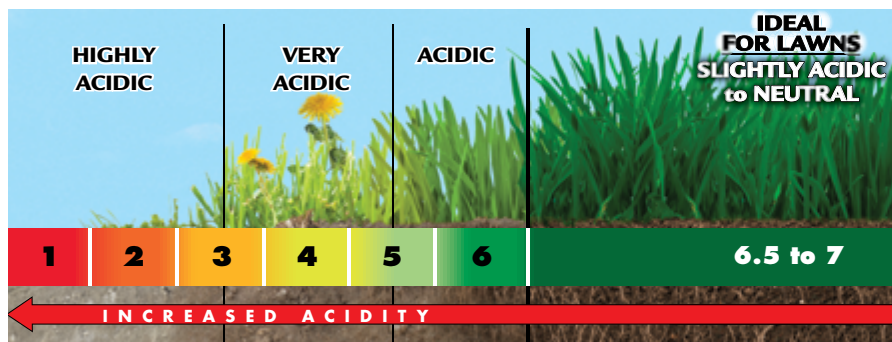
20% TO 70% OF LAWN FERTILIZER IS WASTED WHEN SOIL pH IS NOT BALANCED!

| SOIL pH | 4.5 | 5.0 | 5.5 | 6.0 | 6.5 - 7.0 |
|-------------------|-----|-----|-----|-----|-----------|
| FERTILIZER WASTED | 70% | 54% | 33% | 20% | 0% |

Adjust your soil pH with MAG-I-CAL and increase the ability of your grass to utilize nutrients in the soil.



- Corrects soil pH quickly
- Makes lawn fertilizers green better
- Restores soil life
- Lawns thrive with soil pH between 6.5 to 7.0
- Calcium bolsters cell wall structure



If your soil pH is below 6.5, use MAG-I-CAL for Acidic Soils



SCAN ME

STOP SOIL COMPACTION AND FEED SOIL MICROBES WITH LOVE YOUR SOIL™



- Loosens hard, compacted soil
- Spurs soil microbes to release "trapped" soil nutrients
- Improves the greening power of lawn fertilizers
- Rich in humates to restore soil life
- Increases root mass and drought resistance



14" of new top soil created in less than five years from using Love Your Soil™ was discovered when this in-ground swimming pool was being installed in Central New Jersey.

LAWN FOODS



Turf-pro™ Veri-Green® Fertilizer (22-0-5)

An ideal blend of Nitrogen and Potassium that provides a very balanced feeding

30% Slow-Release Nitrogen is unaffected by rainfall and temperature, reducing top growth and turf clippings

3% Iron for a deep-green color

Uniform particle size

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 17,000 | 12230 | 50 | 40 |

Derived from: Polymer Coated Sulfur Coated Urea, Urea, Muriate of Potash, Ferrous Sulfate

Contains 30% Slow-Release Nitrogen and 3% Iron



Turf-pro™ Perfect Green Fertilizer (18-2-2)

50% Organic

Helps grass cells to hold water

50% Slow-Release Nitrogen reduces top-growth

Economically-priced, versatile formula that can be applied at anytime of the year*

No fillers!

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 15,000 | 12241 | 50 | 40 |

Derived from: Urea, Polymer Coated Urea, Sulfate of Potash, Ammonium Sulfate, Biosolids, Composted Poultry Manure, Micronutrients

Contains 50% Organic Matter (Bio-Solids and Composted Chicken Manure), 2% Iron, 2% Calcium, 4% Sulfur



Turf-pro™ Starter Fertilizer (10-20-5)

40% Organic

Use when seeding, over-seeding or sodding

Increases grass seed germination and promotes strong root development

Corrects phosphorus deficiencies in the soil

20% Slow-Release Nitrogen

No fillers!

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 15,000 | 12242 | 50 | 40 |

Derived from: Urea, Ammonium Phosphate, Muriate of Potash, Micronutrients

Contains 40% Organic Matter (Bio-solids), 20% Slow-Release Nitrogen, 1% Calcium, 1% Iron



Turf-pro™ Winter Survival Fertilizer (10-0-20)

Fall & winter feeding formula keeps your lawn greener later into the year and greens it up earlier next spring

25% Slow-Release Nitrogen

3% Iron helps lawns remain dark-green

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 17,000 | 12231 | 50 | 40 |

Derived from: Polymer Coated Urea, Urea, Muriate of Potash, Ferrous Sulfate

Contains 25% Slow-Release Nitrogen and 3% Iron



Turf-pro™ Extended Feed Fertilizer (35-0-0)

Enhanced efficiency fertilizer

Feeds for up to six months

Reduces labor costs

Delivers a fast, medium and long term slow-release feeding

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 20,000 | 11200 | 50 | 40 |

Derived from: Polymer Coated Urea

Contains 94% Slow-Release Nitrogen

11,625 sq. ft. = 1.5 lb/1,000 sq. ft.
20,000 sq. ft. = 0.9 lb/1,000 sq. ft.



Turf-pro™ Stress Relief Fertilizer (6-0-30)

Apply before lawn stress appears

Limits top growth

Ideally water in within 1-2 days for potassium deficiencies

Helps grass cells to hold water

25% Slow-Release Nitrogen

23% Organic

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 20,000 | 12064 | 50 | 40 |

Derived from: Urea, Polymer Coated Sulfur Coated Urea, Muriate of Potash, Biosolids, Micronutrients.

Contains 25% Slow-Release Nitrogen, 23% Organic Matter (Bio-solids)

*Be aware of local ordinance requirements concerning lawn fertilizer applications. "Black out" dates may limit or prohibit lawn fertilizer applications from late fall to early spring in certain areas.

DIRECTIONS FOR USE: Apply only as directed. Use in accordance with recommendations of a qualified individual or institution, such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.

DISCLAIMER: Products may be subject to application regulations. It is the responsibility of the distributor, retailer, buyer or professional applicator to verify compliance with state, county, city, and any other regulations concerning the products for use as intended. Jonathan Green is not responsible for typographic errors!

Prices are subject to change without notice.

The trademarks and product names listed above are the property of their respective owners.



Ornamental Fertilizer (10-2-5)

"Specialty Use" fertilizer designed for field grown ornamentals and maintaining landscape plants

Provides up to 3 months of nitrogen feeding

Provides excellent initial greening and early growth

Contains iron and other micronutrients for enhanced greening and stress tolerance

Compare to Holly-tone®

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 10,000 | 12609 | 50 | 40 |

Derived from: Poultry Manure, Urea, Biosolids, Sulfate of Potash, Soil Amending Microbes

Contains 22% Slow-Release Nitrogen and 2.26% WIN, Micronutrients

SPREADERS



JONATHAN GREEN SPREADERS GET THE JOB DONE!

- Spreaders make applying lawn products easy
- Use for seed, fertilizers and control products
- Designed for easy handling and even spreading
- See page 27 for professional ice melt spreader



| Item | Product Code |
|------------------------|--------------|
| Deluxe Rotary Spreader | 10938 |



| Item | Product Code |
|---------------|--------------|
| Hand Spreader | 10947 |

SPREADER CONVERSION CHART

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----|----|----|-------|----|-----|-------|----|-------|-------|----|----|-----|----|-----|----|-----|----|-----|----|----|----|----|----|
| JONATHAN GREEN DELUXE ROTARY & PRO ROTARY | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| PRIZELAWN BIGFOOT CBR III OR CBR IV | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| PRIZELAWN LIL'FOOT | - | - | - | - | - | 2 | - | - | 3 | - | 4 | - | 5 | - | 6 | - | - | 7 | - | - | - | - | 8 | - | - | 9 |
| PRIZELAWN MPR-1 | - | - | - | - | - | 4 | - | - | 6 | - | * | - | 10 | - | 12 | - | - | 14 | - | - | - | - | 16 | - | - | 18 |
| EARTHWAY 2100/2400 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| LESCO LETTERS | - | - | - | B | B½ | C | C½ | D | D½ | E | E | E½ | F | F½ | G | G½ | G½ | H | H½ | H½ | I | J | J | J½ | - | - |
| LESCO NUMBERS | - | 5 | - | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 16½ | 17 | 17½ | 18 | 18½ | 19 | 19½ | 20 | 21 | 22 | 23 | - |
| PERMAGREEN LOW GEAR | - | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PERMAGREEN HIGH GEAR | - | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SCOTTS ROTARY | - | - | - | - | 2 | 2-2.5 | 3 | 3.5 | 4-4.5 | 5 | 5.5-6 | 6-6.5 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SCOTTS R8A/SR1 | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | - | V | W | - | X | Y | Z |
| SPYKER 76/78-2 | - | - | 3 | - | - | - | 4 | - | - | 5 | - | - | - | - | 6 | - | - | 7 | - | - | - | - | 8 | - | - | 9 |

The conversions should be used as guidelines for establishing proper rate for the particular product being applied. Consult your spreader manual if necessary. These settings are approximate and may vary due to physical characteristics of the product. Walking speed, wear, condition of the turf and humidity may cause actual rate setting to deviate. No expressed nor implied warranty or guarantee is provided as to coverage or uniformity indicated by these rate settings.

LAWN FOOD COMBINATIONS



Turf-pro™ Fertilizer + Dimension® (18-0-3)

25% Organic

Pre and post-emergent control of Crabgrass and feeds lawns in one step

30% Slow-Release Nitrogen

Clear, non-staining formula

Delay seeding for 10 weeks after application

EPA Reg. No. # 62719-504-87245

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 13,000 | 10851 | 50 | 40 |

Contains 30% SRN, .15% Dithiopyr, 25% Organic, and 1.5% Calcium

For sale in CO, CT, DE, IL, IN, MA, MD, MI, NC, NH, NJ, NY, OH, PA, SC, TN, VA, VT

Not for sale in ME

In the state of New York, this product may be applied only by commercial applicators at a minimum of 167 lb (0.25 lb of active ingredient) per acre (3.8 lb per 1,000 sq. ft.) and no more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 100 sq. ft.) per year. Use of this product in Nassau and Suffolk Counties of New York is prohibited.



Turf-pro™ Fertilizer + Prodiamine (19-0-5)

Pre-emergence control of 30 grasses and certain broadleaf weeds

Feeds lawn with 30% Controlled Release Nitrogen

25% Organic

Lasts 3 - 4 months

Delay seeding for 16 weeks after application

Compare to Barricade®

No fillers!

EPA Reg. No. # 53883-170-90561

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 18,000 | 11203 | 50 | 40 |

Contains .29% Prodiamine

30% Slow-Release Nitrogen

For sale in CO, CT, DE, IL, IN, MA, MD, MI, NC, NH, NJ, NY, OH, PA, SC, TN, VA, VT

Not for sale in ME



Turf-pro™ Fertilizer + Dissolve (15-0-2)

Feeds the lawn and provides post-emergent control of broadleaf weeds in one step

25% Slow-Release Nitrogen

Superior control of dandelions, clover, chickweed, plantain, speedwell, etc.

EPA Reg. No. # 228-281-93243

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 12,500 | 12244 | 50 | 40 |

Contains .56% 2,4-D; .145% MCPP; .143% 2,4-DP

For sale in CO, CT, DE, IL, IN, MA, MD, MI, NC, NH, NJ, NY, OH, PA, SC, TN, VA, VT

Not for sale in ME



ProScape Lock-Up + Dimension (19-0-6)

Pre and post-emergent control of Crabgrass (Dimension) and feeds lawns in one step

Also controls broadleaf weeds with Lock-Up™

25% Slow-Release Nitrogen

Do NOT apply grass seed for 10 weeks after application

EPA Reg. No. # 961-420

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 11,430 | 10850 | 40 | 60 |

Contains 1.04% 2,4-dichlorophenoxyacetic acid; 0.01% penoxsulam ; 0.08% dicamba; 0.17% dithiopyr

For sale in CT, DE, GA, KY, MA, MD, ME, MI, MN, MO, NE, NH, NJ, NY, OH, TN, VA, VT, WV

For use by turf maintenance personnel, landscaping or commercial applicators only. Do not sell, distribute or use the product in Nassau and Suffolk county in NY



Fertilizer + Mesotrione (21-22-4)

Ideal for use when seeding or sodding

Controls crabgrass and over 30 broadleaf weeds

25% Controlled Release Nitrogen

Homogeneous fertilizer

EPA Reg. No. # 538-317-9198

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 9,300 | 10846 | 40 | 50 |

Contains 0.08% Mesotrione

25% Slow-Release Nitrogen

For sale in CT, MA, MD, NH, NJ, NY, PA, RI



Fertilizer plus Acelepryn® (0-0-7)

Controls insects and fertilizes lawns in one step
Controls White Grubs, Billbugs, Chinch Bugs and more

Non-neonicotinoid

Apply in April/May

500-day Residual!

EPA Reg. No. # 100-1492-93243

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 14,500 | 10853 | 50 | 40 |

Chlorantraniliprole* 3-Bromo-N-[4-chloro-2-methyl-6-[(methylamino) carbonyl] phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide

For sale in CT, MA, ME, MI, NH, NJ, NY, PA, RI

Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties of New York State.



Summer Survival Insect Control with Lawn Food (13-0-3)

40% Slow-Release Nitrogen

Kills over 15 surface feeding insects that damage grass

Feeds for up to 2 months

EPA Reg. No. # 53883-160-50931

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| 15,000 | 12015 | 50 | 45 |

Contains 0.069% Bifenthrin insecticide

40% Slow-Release Nitrogen

NOTICE: *All chemical applicators* If you apply any herbicides, insecticides, fungicides, etc. (even Weed & Feed and other combination products) for hire, as part of your employment, or on someone's property other than your own, you must be licensed with your state pesticide control program (certain exceptions apply). Avoid penalties and get licensed now. For information, call your state pesticide office or local extension agent.

DISCLAIMER: Products may be subject to application regulations. It is the responsibility of the distributor, retailer, buyer or professional applicator to verify compliance with state, county, city, and any other regulations concerning the products for use as intended. Jonathan Green is not responsible for typographic errors!





Turf-pro™ Corn Gluten Weed Preventer (10-0-2)

Patented, concentrated corn gluten technology that controls weeds far better than traditional corn gluten products

Safe for children and pets when used as directed

Prevents crabgrass, dandelions and other broadleaf weeds

For use on lawns, landscape areas, and outdoor home perimeters

US Patent 8,623,100 B2

EPA exempt (25-b) product

| Coverage (sq. ft.) | Product Code | Unit | Bags per Pallet |
|--------------------|--------------|-------|-----------------|
| up to 15,000 | 12237 | 45 lb | 40 |

3% Water Insoluble Nitrogen; 7% Other Water Soluble Nitrogen; 2% Soluble Potash; Corn Gluten Meal



Natural Grub and Insect Control

Controls grubs and surface-feeding insects organically

Insects include ants, chinch bugs, ticks, and more

Contains plant oils

EPA exempt (25-b) product

| Coverage (sq. ft.) | Product Code | Unit | Bags per Pallet |
|--------------------|--------------|-------|-----------------|
| 5,000 | 11925 | 10 lb | 144 |

1.00% Rosemary Oil, 0.50% Geraniol, 0.20% Peppermint Oil



Organic Insect Control

Controls surface-feeding insects organically

Insects include ants, chinch bugs and fleas

Contains plant oils

EPA exempt (25-b) product

| Coverage (sq. ft.) | Product Code | Unit | Bags per Pallet |
|--------------------|--------------|-------|-----------------|
| 5,000 | 12202 | 10 lb | 144 |

2% Thyme Oil, 0.6% 2-Phenethyl propionate



Organic Lawn Food (10-0-1)

A complex, all organic lawn food that provides excellent turf nutrition for 8 to 10 weeks

Contains iron for deep greening

Eco-friendly formula - no-phosphorus, great for lake and bay communities

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|---------|-----------------------|
| 15,000 | 10251 | 46.5 lb | 40 |

Derived from: Feather Meal, Soybean Meal, Blood Meal, Sulfate of Potash and Calcium Carbonate; Contains 9.75% slowly available nitrogen



Avenger® Organic Weed Killer

Fastest, most effective certified organic way to control weeds
Non-selective: controls most weeds, grasses
Citrus oil-based herbicide, great alternative to synthetic herbicides or ineffective natural herbicides, clean citrus scent
Environmentally friendly, safe to use where children and pets play
Re-seed 4 hours after application, can be applied in cooler temps
OMRI listed
EPA Reg. No. # 82052-1

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|---------|---------------|
| varies | 10158 | 2.5 gal | 2 |

Contains 70.0% d-limonene (citrus oil)

Low rate: 1 part/7 parts water
High rate: 1 part/3 parts water



CedarCure™ Insecticide

For turf and landscapes
Controls white grubs, mosquitoes, fleas, ticks and many more insects
Stifles insects' receptors causing paralysis, confusion, death or flight
EPA exempt (25-b) product

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|-------|---------------|
| varies | 12054 | 16 oz | 10 |

Contains 76.5% Cedarwood oil

Low rate: 8 oz + 100 gal water/100,000 sq. ft.
High rate: 16 oz + 100 gal water/50,000 sq. ft.



Fiesta® Turf Weed Killer

Selective control of broadleaf weeds and moss in turf
Rain-fast in 3 hours
See results in hours
Re-seed one day after application
Safe for people and pets to use treated area once dried
EPA Reg. No. # 67702-26

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|-------|---------------|
| up to 10,000 | 11840 | 1 gal | 4 |

Contains 26.52% Iron HEDTA

Low rate: 12.6 oz/2.5 gal. water = 1,000 sq. ft.
Medium rate: 25.2 oz./5 gal. water = 1,000 sq. ft.
High rate: 50 oz/10 gal. water = 1,000 sq. ft.



FinalSan® Herbicidal Soap

Fast acting weed, grass, algae and moss killer
Won't stain bricks, concrete or asphalt
OMRI listed
Glyphosate alternative
EPA Reg. No. # 67702-8

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|---------|---------------|
| varies | 11841 | 2.5 gal | 2 |

Contains 22% Ammoniated soap of fatty acids

Moss/Algae: 1 part/19 parts water
Weeds: 1 part/5 parts water



1-2-3 NPP™ Fungicide

Natural Plant Protection
Organic preventative/curative fungicide
Minimum Risk Pesticide
For the control of dollar spot, brown patch, anthracnose, red thread, pink patch, leaf spot, gray leaf spot, rust, and more
EPA exempt (25-b) product

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|-------|---------------|
| varies | 10237 | 1 gal | 4 |

Contains .5% Clove oil

Preventative Rate: 2 oz./1 gal. water = 1,000 sq. ft.
Curative Rate: 3 oz./1 gal. water = 1,000 sq. ft.



MosquitoCure™

Excellent mosquito control and repellency
Highly concentrated
Extremely effective with up to 4 week residual
Excellent choice for schools, summer camps, playgrounds
EPA exempt (25-b) product

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|-------|---------------|
| varies | 12053 | 1 gal | 4 |

Contains Cedarwood oil, Lemongrass oil, Citronella oil, Rosemary oil, Garlic oil, Red Thyme oil

Blower High Mix Rate: 4 oz/3 gal water
One gal treats 11 acres

SOIL FOODS



Turf-pro™ Mag-I-Cal for Lawns in Acidic Soil

Rapidly raises soil pH

Feeds soil microbes with a natural form of humates

20% to 70% of your fertilizer is wasted when soil pH is too low

25% more de-acidifying power than Mag-I-Cal PLUS for Lawns in Acidic & Hard Soil

Use on any kind of turfgrass, cool or warm-season

Contains 35% calcium

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 17,000 | 12229 | 60 | 35 |

Contains 35% Calcium; Derived from calcium carbonate; 2% Humic Acid; 2% Polyhydrocaroxylic Acids from Plant Extracts



Turf-pro™ Love Your Soil for Lawns in Hard Soil

Rapidly loosens hard, compacted soil with a special, fast-acting gypsum formula

Apply any time of the year

Bio-stimulates soil life with a propriety mix of humates, iron, carbohydrates and amino acids

Will NOT burn lawns

25% more loosening power than Mag-I-Cal PLUS

Use on any kind of turfgrass, cool or warm-season

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 17,000 | 12228 | 60 | 35 |

Contains 21% Calcium; 3.8% Sulfur; 1% Iron; Calcium Sulfate Dihydrate; Calcium Carbonate; Iron Humate; Molasses



Mag-I-Cal Plus for Lawns in Acidic & Hard Soil

A unique soil food combination product that rapidly raises soil pH, loosens hard soil compaction and stimulates microbial activity

Apply any time of the year

Will NOT burn lawns

Use on any kind of turfgrass, cool or warm-season

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 15,000 | 11355 | 54 | 40 |

Contains 28% Calcium; 1.5% Sulfur; .5% Iron; Calcium Sulfate Dihydrate; Calcium Carbonate; Iron Humate; Soy Protein Hydrolysate



Mag-I-Cal Plus for Lawns in Alkaline & Hard Soil

A unique soil food combination product that rapidly lowers soil pH, loosens soil compaction and stimulates microbial activity

Apply any time of the year

Will NOT burn lawns

Use on any kind of turfgrass, cool or warm-season

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 15,000 | 11357 | 54 | 40 |

Contains 18% Calcium; 17% Sulfur; Calcium Sulfate Dihydrate; Ammonium Sulfate and Sulfuric Acid



Hydretain ES Plus

Cuts watering up to 50% or more!

Manages soil moisture for ornamental plants, turfgrasses, trees, shrubs

Minimize drought stress and avoid watering restriction fines

Increase seed germination

Improve nutrient uptake

Biodegradable organic compost carrier

| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 14,800 | 10256 | 40 | 50 |

Contains 50% Humectants (sugar alcohols, polysaccharides and neutral salts of alpha-hydroxypropionic acid) and 15% non-ionic surfactant



Hydretain applied to the center of an unirrigated field. The photo above shows the results achieved in a very hot and dry summer!



Lawn Moss Control

Kills lawn moss quickly

Easy-to-apply, micro-particles for even application and improved moss-killing performance

50% more active ingredient per bag than the National Brand for superior control

Delay seeding for 2 weeks after application of product

EPA Reg. No. # 9240-8-50931

| Coverage (sq. ft.) | Product Code | Unit | Bags per Pallet |
|--------------------|--------------|-------|-----------------|
| 5,000 | 11457 | 20 lb | 100 |

Contains 25.8% Ferrous Sulfate Monohydrate



Lawn Weed Control

Improved formula with Trimec® technology provides control of 200+ broadleaf weeds

Use when weeds are actively growing, spring through fall

Use on cool and warm-season grasses

Does NOT contain fertilizer

EPA Reg. No. # 2217-640-50931

| Coverage (sq. ft.) | Product Code | Unit | Bags per Pallet |
|--------------------|--------------|-------|-----------------|
| 15,000 | 12197 | 30 lb | 50 |

Contains 1.3677% 2,4-D; .6120% MCPP; .1290% Diacamba



Season-Long Weed Preventer

Contains Dimension® for season-long weed control protection

Controls or suppresses many annual grasses and broadleaf weeds

Can be used on lawns and in landscape beds

Controls crabgrass before AND after it emerges - up to the third leaf stage

EPA Reg. No. # 62719-429-50931

| Coverage (sq. ft.) | Product Code | Unit | Bags per Pallet |
|--------------------|--------------|---------|-----------------|
| 15,000 | 12361 | 28.5 lb | 70 |

Contains .27% Dithiopyr (Dimension)



Acclaim Extra

Selective post-emergence herbicide that controls annual & perennial grasses in turf

Works in a single treatment

Rainfast in 1 hour after drying

Provides excellent control of Crabgrass, Goosegrass and Japanese Stiltgrass

EPA Reg. No. # 432-950

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|------|---------------|
| 32,000 | 12058 | 1 pt | 20 |

Contains 6.59% Fenoxaprop-p-ethyl

.5 oz./1 gal. water = 1,000 sq. ft.



Battleship III®

Selective post-emergent broadleaf herbicide

2,4-D free formula

Three-way formula contains Triclopyr, Fluroxypyr and MCPA

EPA Reg. No. # 228-453-5905

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|---------|---------------|
| up to 246,000 | 11809 | 2.5 gal | 2 |

Contains 37.84 % Dimethylamine Salt of 2-Methyl-4-Chlorophenoxyacetic Acid, 4.07% Triethylamine Salt of 3,5,6-Trichloro-2-Pyridinyloxyacetic Acid, 4.45% 1-Methylheptyl Ester of Fluroxypyr

1.1 oz. - 1.5 oz./1 gal. water = 1,000 sq. ft.

For use by turf maintenance personnel, landscaping or commercial applicators only. Do not sell, distribute or use the product in Nassau and Suffolk county in NY



Ranger PRO Herbicide

Contains 41% Glyphosate (compare to Round-Up®)

Fully loaded surfactant for improved control

Rain-fast in 2 hours

Delay seeding for 7-10 days after application

Use on all areas of the landscaping, fence lines, right-of-ways etc.

EPA Reg. No. # 524-517

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|---------|---------------|
| varies | 11808 | 2.5 gal | 2 |

Contains 41% Glyphosate

| DESIRED VOLUME | AMOUNT OF RANGER PRO HERBICIDE | | | | | |
|----------------|--------------------------------|-----------|-----------|-------------|-------------|----------|
| | 1/2% | 1% | 1-1/2% | 2% | 5% | 10% |
| 1 GAL | 2/3 fl oz | 2/3 fl oz | 2 fl oz | 2-2/3 fl oz | 6-1/2 fl oz | 13 fl oz |
| 25 GAL | 1 pt | 1 qt | 1-1/2 qt | 2 qt | 5 qt | 10 qt |
| 100 GAL | 2 qt | 1 gal | 1-1/2 gal | 2 gal | 5 gal | 10 gal |

HERBICIDE CONTROLS



Empero®

Post-emergent Nutsedge and Kyllinga control

Apply in June, July & August as needed

Use around the base of established woody ornamentals

Compare to Sedgehammer or Prosege

Use with Kinetic Surfactant for improved control, delay seeding for 4 weeks

EPA Reg. No. # 91234-31

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|---------|---------------|
| 1 acre | 11941 | 1.33 oz | 10 |

Contains 75% Halosulfuron-methyl

0.9g/gal. water = 1,000 sq. ft.



Kinetic Surfactant

Superior organic, non-ionic wetting agent

Improves absorption of systemically active and/or water-soluble pesticides

Increased rain-fastness

Reduced leaching allows for lower total pesticide use

OMRI Listed

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|------|---------------|
| varies | 11726 | 1 qt | 12 |

Contains 99% Proprietary blend of polyalkyleneoxide modified polydimethylsiloxane and nonionic surfactants

Follow herbicide label instructions to determine application rate



Lucto®

A systemic pre and post-emergence herbicide for selective contact and residual control of broadleaf and grassy weeds

Re-entry to treated areas once product dries

Safe to use when seeding or installing sod

Compare to Tenacity

EPA Reg. No. #83100-41-83979

**NEW
SIZE**

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|-------|---------------|
| up to 32 acres | 12206 | 1 gal | 8 |

Contains 40% Mesotrione

0.5 tsp/gal water = 1,000 sq. ft.



Meso 4SC Select™

Pre and Post emergent weed control of 45+ broadleaf weeds and grasses including crabgrass, ground ivy, yellow foxtail, yellow nutsedge and dandelion

Can be applied anytime during seeding

Compare to Tenacity

EPA Reg. No. # 89442-33

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|------|---------------|
| up to 2 acres | 12057 | 8 oz | 12 |

Contains 40% Mesotrione

0.5 tsp/gal. water = 1,000 sq. ft.



Poa Constrictor®

Pre and post-emergent selective control of Poa Annua (annual bluegrass), crabgrass and other grasses and certain broadleaf weeds

Apply twice in fall and again in spring for best annual bluegrass control

Delay seeding 6-8 weeks after treatment

Use on established turf

EPA Reg. No. # 94396-1

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|---------|---------------|
| up to 4 acres | 11740 | .75 gal | 4 |

Contains 42% Ethofumesate (2-ethoxy-2,3-dihydro-3, 3-dimethyl-5-benzofuranyl methanesulfonate)

9/16 oz. - 1 1/2 oz/gal. water= 1000 sq. ft.

Not for sale in CT



Barrier® Year-Long Vegetation Control

Fast-acting, year-long control of weeds, vines, trees, and brush

Kills most annual and perennial grasses, broadleaf weeds

For driveways, patios fence rows & other places where no vegetation is desired

EPA Reg. No. # 2217-1066

Replaces Pronto

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|-------|---------------|
| 7,000 | 11777 | 1 gal | 4 |

Contains 0.0078% Pyraflufen-ethyl; 1.25% Imazapyr; 0.53% Fluazifop-p-butyl; 2.28% 2,4-D, 2-ethylhexyl ester; 0.20% Dicamba

Apply 18 oz. per 3-5 gallons of water to cover 1,000 sq. ft.

Not for sale in CA, DC, HI, ME, VA; Restricted use in MA



Q4 Plus® Turf Herbicide

4-way action controls 85+ broadleaf & grassy weeds, plus Nutsedge
Wide window of application, fast visual response
Use on cool-season turfgrasses and bermudagrass
See results in 24-48 hours
Delay seeding for 28 days after application
Do NOT apply for 3-4 weeks on newly seeded or sodded areas
EPA Reg. No. # 2217-930

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|-------|---------------|
| up to 49,000 | 11785 | 1 gal | 4 |

Contains 8.43% Quinclorac; .69% Sulfentrazone; 11.81% 2,4-D; 1.49% Dicamba

Apply 2.6 - 3.0 oz. / 1,000 sq. ft.

For use in New York State by spot treatment only. Not for sale, distribution, or use in Nassau or Suffolk counties in New York State. Not for sale in ME



Round-Up® Quik Pro-Dry

Dry easy-to-use formulation, rain-fast in one hour
No measuring, easy to use packets
Saves time, reduces cost
EPA Reg. No. # 524-535

| Coverage (sq. ft.) | Product Code | Unit | Unit per Case |
|--------------------|--------------|--------|---------------|
| 5,000 | 11857 | 7.5 oz | 6 |

Contains 73.4% Glyphosate; 2.9% Diquat

1 packet per 1 gallon of water



Treflan® 5G

Controls grassy & broadleaf weeds in landscape ornamental beds only
Does not control established weeds
Not for turf use
Water in after application for best results
EPA Reg. No. # 9198-129

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| up to 22,000 | 12189 | 40 lb | 49 |

Contains 5% Trifluralin

1.8 lbs. per 1,000 sq. ft.



Measuring Cup

8 oz. plastic
Shows cup, ounce and millimeter measurements

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|------|-----------------------|
| n/a | 12060 | ea | n/a |



WEED IDENTIFICATION CHART

Grassy weeds and broadleaf weeds not only differ in look, but also in the way they are controlled. The best way to control grassy weeds is through prevention. Broadleaf weeds are usually controlled best when they are actively growing spring through fall.

GRASSY WEEDS



BARNYARDGRASS



CRABGRASS



DALLISGRASS



FOXTAIL



GOOSEGRASS



JAPANESE STILTGRASS



KYLLINGA



NIMBLEWILL



NUTSEGE



POA ANNUA (ANNUAL BLUEGRASS)



POA TRIVIALIS



QUACKGRASS

BROADLEAF WEEDS



BINDWEED



BITTERCRESS



BLACK MEDIC



BUCKHORN PLANTAIN



CANADA THISTLE



CARPETWEED



COMMON CHICKWEED



CREeping BEGGARWEED



CURLY DOCK



DANDELION



FLORIDA PUSLEY



GROUND IVY
(CREEPING CHARLIE)



HENBIT



KNOTWEED



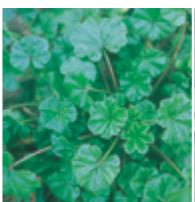
MOUSE-EAR CHICKWEED



PLANTAIN



POISON IVY



MALLOW



OXALIS



PENNYWORT
(DOLLARWEED)



PRICKLY LETTUCE



PURSLANE



SHEEP SORREL



SHEPHERD'S PURSE



SPEEDWELL



SPOTTED SPURGE



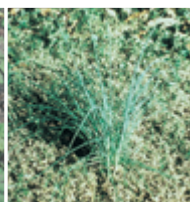
WHITE CLOVER



WILD CARROT



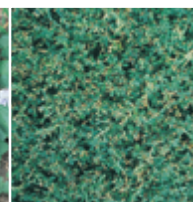
WILD GERANIUM



WILD ONION



WILD VIOLET



WOOD SORREL



Massachusetts



Ohio

Jonathan Green "Show Us Your Lawn" Contest Entries



New Jersey



Michigan

INSECTICIDES



Talstar® P

Controls/kills fleas, ticks, ants, bagworms, scale and 20+ other insects including the Spotted Lanternfly

Use on turf, landscape ornamentals and recreation areas

Controls termites for outdoor perimeter applications around properties

EPA Reg. No. # 91234-145

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| up to 256,000 | 12055 | 1 gal | 4 |

Contains 7.9% Bifenthrin

Apply .5 - 1 oz/per gal. water per 1,000 sq. ft.



A



B



C



D



E

A. Egg masses
B. Early nymph
C. Late nymph
D. Adult, wings closed
E. Adult, wings open
PHOTOS BY THE PA
DEPARTMENT OF AGRICULTURE

TALSTAR CONTROLS THE SPOTTED LANTERNFLY!

The spotted lanternfly is an invasive pest, threatening agricultural crops and forest products. The insect also can cause damage to high-value ornamentals in home landscapes. When Spotted Lanternflies feed on treated trees, they will die. For additional details on the Spotted Lanternfly, please visit:

www.extension.psu.edu/spotted-lanternfly

www.agriculture.ny.gov/AD/release.asp?ReleaseID=3637

www.aphis.usda.gov/publications/plant_health/2014/alert_spotted_lanternfly.pdf

<https://extension.psu.edu/have-you-seen-a-spotted-lanternfly>

Anyone who sees a spotted lanternfly in NJ should first kill it if possible, and then report the exact location by emailing SLF-plantindustry@ag.nj.gov or calling (833) 223-2840.



Grub Killer Plus

Controls grubs, sod webworms, armyworms, chinch bugs, ticks, most ants, and more!

Provides quick kill of grubs within 24 hours

Compare to Dylox®

EPA Reg. No. # 92564-40

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| 10,000 | 11928 | 20 lb | 36 |

Contains 9.3% Trichlorofon

Not for sale in ME



Fertilizer plus Acelepryn® (0-0-7)

Controls insects and fertilizes lawns in one step

Controls White Grubs, Billbugs, Chinch Bugs and more

Non-neonicotinoid

Apply in April/May

500-day Residual!

EPA Reg. No. # 100-1492-93243

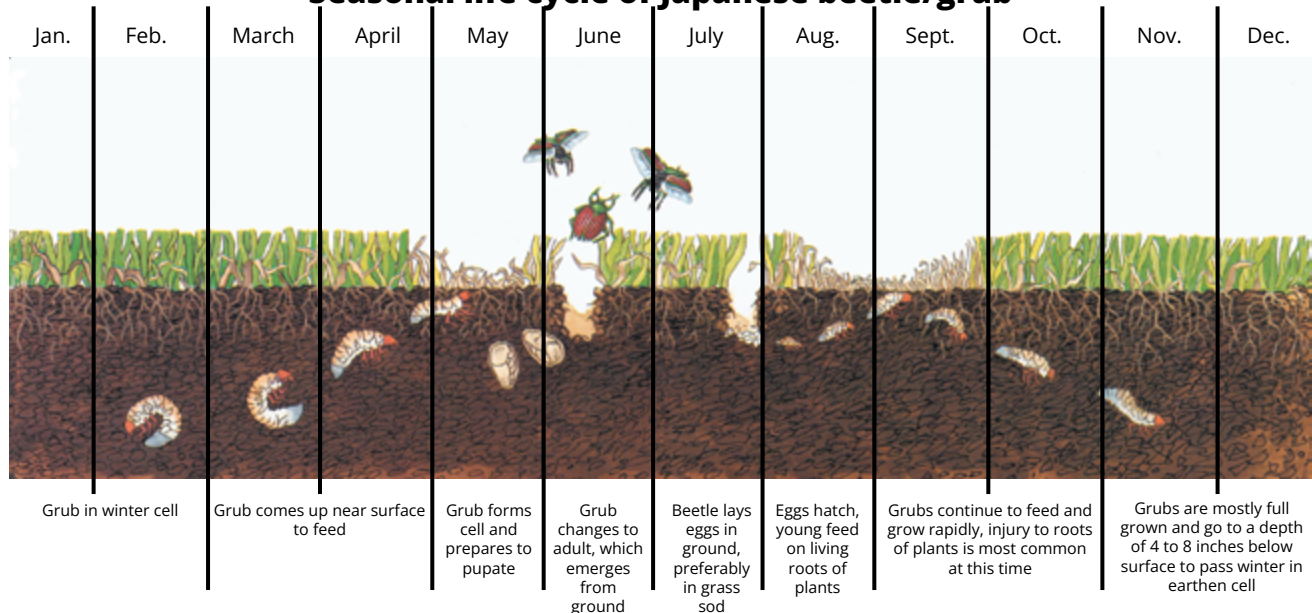
| Coverage (sq. ft.) | Product Code | Weight (lbs) | Bags per Pallet |
|--------------------|--------------|--------------|-----------------|
| up to 14,500 | 10853 | 50 | 40 |

Chlorantraniliprole* 3-Bromo-N-[4-chloro-2-methyl-6-[(methylamino) carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide

For sale in CT, MA, ME, MI, NH, NJ, NY, PA, RI








Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties of New York State.

Seasonal life cycle of Japanese beetle/grub



INSECT IDENTIFICATION CHART

Remember, Jonathan Green Black Beauty Grass Seed mixes contain endophytes which naturally repel surface insects and can help reduce pesticide usage.

| INSECT | PREFERRED HOSTS | SEASON CONTROL | DAMAGE SYMPTOMS | CULTURAL CONTROL | INSECTICIDAL CONTROL |
|---|--|--|--|---|---|
|  Spotted Lanternfly | Grape Vines, Tree of Heaven, Black Walnut, Maple, Sycamore, Birch, Fruit | Cultural - October - July Chemical - May - August | Staining secretions that attract pests, wilting, foliar death, oozing, yield loss, plant death | Banding, Egg mass scraping, Removal of host trees | Talstar Cedarcure |
|  Bluegrass Billbug | Cool-Season Grasses, Bermuda grass, Zoysia grass | May-August | Larvae burrow down grass stems to the plant crown, killing stems and larger turf areas. Often misdiagnosed as drought, other insects or disease. | High Mowing | Organic Insect Control Grub Killer Plus Talstar CedarCure |
|  Grub | Annual Bluegrass, Kentucky Bluegrass, Bentgrasses | June-October | Grubs feed on roots and root hairs, resulting in turf wilting and thinning. | Water, High Mowing | Natural Grub & Insect Control Grub Killer Plus CedarCure |
|  Tick & Ant | All soils and animals, humans | June-October | Bites! | Low Mowing, Remove Clippings | Organic Insect Control Grub Killer Plus (some ants) Talstar CedarCure |
|  Sod Webworm | Cool-Season Grasses | May-October | Small patches of chewed leaves or stems. | Water, High Mowing | Grub Killer Plus Talstar CedarCure |
|  Chinch Bug | Cool-Season Grasses | May-October | Foliage yellows, wilts and dies in small spots, then larger patches. | Control Thatch | Natural Grub & Insect Control Organic Insect Control Grub Killer Plus Talstar CedarCure |
|  Cutworm/ Fall Armyworm | Cool-Season Grasses | August-October | Circular spots of clipped or dead grass near holes. Skeletonized or completely consumed foliage. | Water, High Mowing | Organic Insect Control Grub Killer Plus Talstar CedarCure |

FUNGICIDES



Armada 50 WDG

Broad-spectrum disease control for turf and ornamentals
Protects against 16 of the toughest lawn diseases for three to four weeks
Controls brown patch, dollar spot, gray leaf spot, red thread, summer patch, and many more
Can be applied to all turgrasses
EPA Reg. No. # 432-1513

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|------|-----------------------|
| up to 53,000 | 10150 | 2 lb | 6 |

Contains 8.33% Trifloxystrobin; 41.67% Triadimefon

Apply .6 - 1.5 oz/gal. water = 1,000 sq. ft. every 14 - 28 days

For sale in NY to licensed applicators only.



Lawn Fungus Control

Systemic control of most common turf diseases
Controls over 20+ diseases
Reliable control of dollar spot, red thread, brown patch, leaf spot, snow molds, etc.
EPA Reg. No. # 53883-183-50931

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|---------|-----------------------|
| up to 15,000 | 10236 | 22.5 lb | 50 |

Contains 2.08% Thiophanate-methyl

Under severe disease pressure, apply at 3 lbs. per 1,000 sq. ft. rate every 14 - 28 days



Strobe Pro Granular Fungicide

Combination of two broad spectrum, curative & preventative fungicides for the control of over 20 turfgrass diseases
Dual modes of action to limit fungicide resistance
Compare to Heritage
EPA Reg. No. # 53883-4405

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| up to 15,000 | 12063 | 30 lb | 80 |

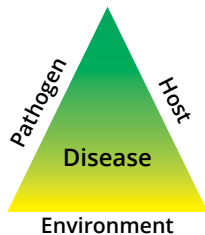
Contains 0.31% Azoxystrobin; 0.75% Propiconazole

Apply 2 - 4 lbs per 1,000 sq. ft. every 14 - 28 days

Not for sale in IL and RI

Disease Triangle

Turfgrasses are susceptible to more than 70 diseases which develop from an interaction between a susceptible plant (host), a disease-causing organism (pathogen), and an environment that favors the pathogen to infect and incite disease in the host. This interaction can be illustrated in the form of a triangle. These three interacting factors can be used to diagnose particular diseases of plants.



Disease Management Triangle

Disease management may also be conceptualized as a triangle. Following proper diagnosis, plant diseases may be managed or controlled by manipulating the host, the pathogens and/or the environmental conditions. Hosts may be manipulated through the proper use of fungicide, nematicides, or biological control agents. Environmental conditions can be manipulated through changes in cultural management practices such as fertilization program, mowing height, irrigation amount and timing, and thatch reduction.





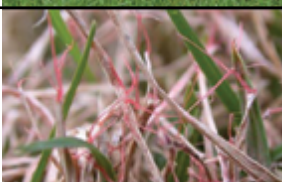
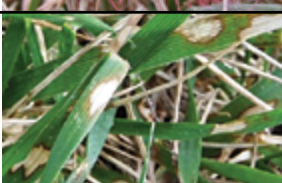

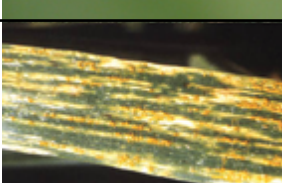




Once a lawn gets a disease, it generally will always be prone to it. In order to keep your customer happy, it is advisable to create a disease control program based on prevention. Apply disease control in June, July, and August to deter fungus outbreak and spread (timing of monthly applications varies on geographic location). Repeated use of fungicides with the same mode of action can result in the selection of fungicide-resistant strains of plant pathogens. Most fungicides require repeat applications every 2 - 4 weeks, refer to label for complete use directions. Read and follow all label instructions.

Prevent Diseases Using These Helpful Watering Tips

Deeply soak (30-35 minutes per zone) your lawn no more than twice per week to encourage deep root growth. Avoid frequent shallow waterings as this will inhibit root growth resulting in a lawn more susceptible to damage caused by drought, heat, disease, and wear. Avoid watering in the late afternoon and at night as a wet lawn combined with the cooler nighttime air temperatures will encourage lawn fungus growth.



FUNGUS IDENTIFICATION CHART

| DISEASE (PATHOGEN) | SUSCEPTIBLE TURFGRASSES | SEASON AND AIR TEMP | CULTURAL CONTROL | FUNGICIDAL CONTROL | IDENTIFYING PHOTO |
|--|---|---|--|--|---|
| Leaf Spot (Drechslera spp.) | Bluegrass Ryegrass Tall Fescue Bentgrass | April - June, Sept. - Oct. 55-75° | 1- Raise cutting height, mow frequently 2- Avoid light, frequent watering 3- Avoid excessive nitrogen | 1-2-3 NPP Lawn Fungus Control Armada Strobe |  |
| Summer Patch (Magnaporthe poae) | Bluegrass Fescue | July - August, 77-95° | 1- Water deeply & infrequently 2- Apply control in May/June/July 3- Use slow release fertilizer | 1-2-3 NPP Lawn Fungus Control Armada Strobe |  |
| Red Thread (Laetisaria fuciformis) | Bluegrass Ryegrass Fescue | May - June, Sept. - Oct. 50-60° | 1- Follow balanced fertilization 2- Avoid moisture stress, aerate | 1-2-3 NPP Lawn Fungus Control Armada Strobe |  |
| Brown Patch (Rhizoctonia solani) | Bluegrass Ryegrass Fescue Bentgrass | July - August 80-85° | 1- Avoid high nitrogen fertilizers 2- Increase air circulation and sunlight | 1-2-3 NPP Lawn Fungus Control Armada Strobe |  |
| Dollar Spot (Lanzia, Moeller-odiscus, Sclerotinia) | Bluegrass Ryegrass Fescue Bentgrass | June - Oct. 70-80° | 1- Follow balanced fertilization program 2- Remove dew 3- Balanced watering | 1-2-3 NPP Lawn Fungus Control Armada Strobe |  |
| Stripe Smut (Ustilago stirliformis) | Bluegrass Ryegrass Fescue Bentgrass | April - June, Sept. - Oct. 50-60° | 1- Avoid heavy nitrogen in late spring/summer 2- Do not allow infected turf to undergo moisture stress | Lawn Fungus Control Armada |  |
| Rust (Puccinia spp.) | Bluegrass Ryegrass | March - April August - Sept. 50-60° | 1- Increase nitrogen levels prior to warm weather 2- Reduce soil compaction 3- Increase air circulation and sunlight | 1-2-3 NPP Armada Strobe |  |
| Powdery Mildew (Erysiphe graminis) | Bluegrass Ryegrass | July - Sept. 65-70° | 1- Reduce shade 2- Increase air circulation by removing surrounding vegetation | Lawn Fungus Control Strobe |  |
| Pink Snow Mold (Microdochium nivale) | Bluegrass Ryegrass Fescue Bentgrass | Nov. - April 32-55° | 1- Avoid late fall fertilization 2- Rake leaves, cut short 3- Control drifting snow | 1-2-3 NPP Lawn Fungus Control Armada Strobe Apply prior to first snow fall |  |
| Gray Snow Mold (Typhula spp.) (Slime Mold) | Bluegrass Ryegrass Fescue Bentgrass | Nov. - April 32-55° | 1- Avoid late fall fertilization 2- Rake leaves, cut short 3- Control drifting snow | Lawn Fungus Control Strobe Apply prior to first snow fall |  |

HYDROSEED & EROSION CONTROL



Profile Cellulose Mulch

100% recycled paper mulch product
Mixes quickly and easily

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| See rates | 11015 | 50 lb | 36 |

Contains 100% Cellulose, Paper Mulch from recycled materials

Apply at 1,800 - 2,000 lbs. per acre on flat ground or slopes \leq 4H:1V



Profile Blend Hydraulic Mulch

Thermally refined wood fiber and cellulose fiber
Enhanced water-holding capacity
Better germination - fewer call backs
Good erosion control qualities
Contains green dye for easy tracking
Works best with mechanical agitation hydroseeders

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| See rates | 10475 | 50 lb | 32 |

Contains wood and cellulose fibers

Apply at 2,000 lbs. per acre on flat ground or slopes \leq 4H:1V

Apply at 2,500 lbs. per acre on slopes $>$ 4H:1V but \leq 3H:1V



Tackifier 2000

Advanced polyacrylamide tackifier provides outstanding results
Weatherproof jug provides easy measuring and pouring
Use with all types of hydroseeders
Lubricates to reduce clogging and improve flow

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|------|-----------------------|
| 43,560 | 12050 | 3 lb | 6 |

Contains Sodium Acrylate/Acrylamide Co-polymer Binder

3 lbs/Acre - Hydroseeding

9 lbs/Acre with 700 lbs mulch - tacking straw or hay



Slikcolor - Blue Spray Colorant

Super, high-concentrated marker dye for hydroseeding
Improves visual metering of slurry
Enhances mulch color for great curb appeal
Uses polyacrylamide (PAM), which acts as a hose lubricant
Easy-to-use, water soluble bags that dissolve quickly

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| Rates vary | 10955 | 11 lb | 11 |

Contains Blue dye, polyacrylamide binder (PAM)

1 - 3 lbs/3,000 gal water = 1 acre



Mag-I-Cal Liquid Limestone

Readily available Calcium (8%) to quickly raise soil pH
1 gallon in place of 500 pounds of limestone
Contains 11% Nitrogen, 30% of which is slow-release

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|---------|-----------------------|
| Rates vary | 12029 | 2.5 gal | 2 |

Contains Calcium Nitrate, 30% Slowly available Nitrogen from Urea-triazone

Application rates:

3-5 gal/3,000 gal water = 1 acre (maintain current pH)

5-10 gal/3,000 gal water = 1 acre (raise pH)



Hydroseeding Ultra Fertilizer 14-28-14

100% water soluble Starter Fertilizer with 20% slow-release Nitrogen
Contains humates to improve the soil life
Boosts root development, plant growth, and stress tolerance
Use on turf and ornamentals
Use with hydroseeders, hand pump and tank sprayers.
Leaves NO residual in tank; non-abrasive

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| 15,000 | 10330 | 25 lb | 70 |

Contains Water-soluble fertilizer with 20% slow-release Nitrogen

Application rate:

75-150 lbs/3,000 gal. water = 1 acre



Kick Start Additive

Improves seed germination, root development, nutrient availability, and soil microbial activity
Unique mix of humic acid and sea-plant extract for superior hydroseeding results
Can be used in conjunction with any hydroseeding fertilizer

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|---------|-----------------------|
| up to 21,750 | 11099 | 2.5 gal | 2 |

Contains Humates, seaweed extract

Application rate: 5 gal/ 3,000 gal water = 1 acre

HYDROSEEDING LOADING CHART

| TANK SIZE OF HYDRAULIC SEEDER | LBS. OF FIBERMULCH PER TANK LOAD | COVERAGE (1,800 Lbs./acre) | LOADS PER ACRE | 250 LBS. OF SEED PER ACRE | LBS. OF TACKIFIER 2000 PER LOAD | HYDRO-SEEDING FERTILIZER 14-28-14 | NUMBER OF GALLONS OF MAG-I-CAL LIQUID* | KICK-START® ADDITIVE PER LOAD | NOTE: RATES GIVEN ON THIS CHART ARE ONLY GUIDELINES. RATES MAY VARY WITH GEOGRAPHY CLIMATE, SOIL, WATER AND JOB SPECIFICATIONS. REFER TO PRODUCT LABELS AND YOUR HYDROSEEDER MANUAL. *RATE GIVEN HERE IS FOR 2,000 Lbs. OF LIME PER ACRE |
|-------------------------------|----------------------------------|----------------------------|----------------|---------------------------|---------------------------------|-----------------------------------|--|-------------------------------|--|
| 300 GAL. | 180 | 4,360 SQ. FT. | 10 | 25 | .30 | 7.5 Lb. | 1/2 GAL. | 1/2 GAL | |
| 500 GAL. | 300 | 7,260 SQ. FT. | 6 | 40 | .50 | 12.5 Lb. | 7/8 GAL. | 7/8 GAL | |
| 800 GAL. | 480 | 11,615 SQ. FT. | 3.75 | 65 | .80 | 20 Lb. | 1-1/3 GAL. | 1-1/3 GAL | |
| 1000 GAL. | 600 | 14,520 SQ. FT. | 3 | 85 | 1.0 | 25 Lb. | 1-2/3 GAL. | 1-2/3 GAL | |
| 1500 GAL. | 900 | 22,780 SQ. FT. | 2 | 125 | 1.5 | 37.5 Lb. | 2-1/2 GAL. | 2-1/2 GAL | |
| 3000 GAL. | 1800 | 43,560 SQ. FT. | 1 | 250 | 3.0 | 75 Lb. | 5 GAL. | 5 GAL | |
| 5000 GAL. | 3000 | 58,080 SQ. FT. | .75 | 335 | 4.0 | 100 Lb. | 6-2/3 GAL. | 6-2/3 GAL | |



Grass-Mat

Biodegradable netting composed of wood fiber to promote seed growth, moisture retention, and sediment migration

Photo and biodegradable

Easy to install, cut, and use on flat ground or slopes

Blanket is dyed green and uses about 150 staples per roll

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|------|-----------------------|
| 550 | 10921 | roll | 27 |

Contains wood fiber base dyed green with degradable netting

44" x 150'



Single Net Straw Blanket

100% straw for establishment and erosion protection of seedlings

Great for grades, swales, and slopes

Uses about 125 to 375 staples per roll based on slope

Primary usage - 3:1 slopes or less

Functional longevity - 12 months short term

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|------|-----------------------|
| 900 | 10758 | roll | 25 |

Contains straw with photodegradable netting

8' x 112.5'



Landscape Staples

Designed to anchor weed-block fabric, erosion-control materials, burlap, sod, hoses, grave blankets, etc. to the ground of any lawn, yard, and garden area



| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|---------------|-----------------------|
| n/a | 10756 | 1,000 per box | 60 |

Metal, 11-gauge, 6" x 1" x 6", U-Shaped Landscape Staples



EcoScape Shredded Straw Bale

Easier to spread

Faster to bio-degrade than whole straw

Promotes germination

Small straw pieces knit together better, less likely to blow away

Hides seed from birds

Prevents erosion and retains moisture

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|--------|-----------------------|
| up to 800 | 10757 | ~25 lb | 35 |

3.5 cubic ft bale - 100% natural and biodegradable



Top-Dress™ Seed Establishment Mulch

Easy-to-spread, biodegradable pellets containing Starter Fertilizer, mulch, and tackifier for fast seed establishment

Weed-free

Dyed green to "blend" into existing turf

Decreases loading time by 95% in jet agitated seeders

Contains NO grass seed



| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| 750 | 11031 | 45 lb | 45 |

Mulch, starter fertilizer and tackifier

1-0-0

The trademarks and product names listed above and on the previous page are the property of their respective owners.

Jonathan Green also offers other erosion control products not listed here. From Silt Fence & Pipe Socks to Jute Mat & Straw Wattles... Jonathan Green has you covered.



Professional Landscape Fabric

Use under or around patio blocks, pavers, decorative stone, bark, retaining wall filter fabric, and septic systems to prevent weeds from emerging
12-year warranty
Permanent when covered from sunlight
Hydrophilic treated - only letting air, water and nutrients through

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|------|-----------------------|
| 3' x 50' | 12425 | each | n/a |
| 3' x 100' | 12426 | each | n/a |
| 3' x 300' | 12422 | each | n/a |
| 6' x 300' | 12435 | each | n/a |
| 12' x 300' | 12434 | each | n/a |

Hydrophilic Treated, Black Landscape Fabric

**REMEMBER THE
LANDSCAPE STAPLES**
See Page 31



Landscape Fabric

Use under or around patio blocks, pavers, decorative stone, bark, retaining wall filter fabric, and septic systems to prevent weeds from emerging
6-year warranty
Allows air, water and nutrients to penetrate
Anchor with landscape staples one every 3 - 4 sq. ft.
Hydrophilic treated - only letting air, water and nutrients through

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|------|-----------------------|
| 3' x 50' | 12423 | each | n/a |
| 3' x 100' | 12424 | each | n/a |
| 3' x 300' | 12443 | each | n/a |
| 6' x 300' | 12445 | each | n/a |

Hydrophilic Treated, Black Landscape Fabric





Chapin™ Professional 4-Gallon Sprayer

Commercial duty with limited 5 year warranty
Viton® seals
Self cleaning JetClean design
Pump handle can be left or right handed
Cushion grip shut-off

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|------|-----------------------|
| n/a | 10953 | each | n/a |



Guideline™ Athletic Field Marker

All-natural, ultra-white athletic field marker that is perfect for use baseball, football, and soccer fields
Safe, non-burning limestone
Meets NCAA standards

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| 1,400 Linear ft | 10160 | 50 lb | 48 |



Turface™ Athletics Quick Dry

Improves soil structure, color and playability of your field
Controls and absorbs excess water season after season
Eliminates puddles and slick, muddy conditions
Apply Turface Quick Dry directly onto puddles on the infield
Will not cake, become slippery or leave an infield rock-hard upon drying

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| rates vary | 12065 | 50 lb | 40 |



Turface™ Athletics MVP

Turface MVP provides solid, safe footing throughout the season
Used on athletic fields from the major leagues to local parks and recreation facilities
Relieves compaction and manages moisture across baseball/ softball infields
Can be applied as top dressing to improve playing surface and reduce bad ball hops
May also be applied to turf, absorbs excess water to prevent muddy, torn-up turf

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|-------|-----------------------|
| rates vary | 12066 | 50 lb | 40 |



Pro pH & Soil Meter/Tester

Professional-grade quality
Accurately measures soil pH and moisture levels in just 3 minutes
Helps to determine the right time to add lime and fertilizer to the soil
Accurate to within ± 0.2 pH, $\pm 10\%$ moisture level

| Coverage (sq. ft.) | Product Code | Unit | Bags/Unit Pallet/Case |
|--------------------|--------------|------|-----------------------|
| n/a | 11100 | each | n/a |

ICE MELT PRODUCTS



Professional Salt & Ice Melt Spreader

Enclosed metal gears designed for heavy use
Solid steel linkage with gate control - opens and closes the gate in incremental steps
Wide tread pneumatic tires
Adjustable front and side baffles for directional control of spread pattern
Large adjustable slide gate for spreading a broad range of product
Rain cover included
100 lb. professional

| Product Code | Weight (lbs) | Bags per Pallet |
|--------------|--------------|-----------------|
| 10951 | n/a | n/a |



Melt-A-Way Ice Melter

3-way melting action
Gets rid of snow and ice fast
Premium ice melt product is gentle on lawns, shrubs, concrete, carpets and shoes
Effective to +15° F
Contains Sodium Chloride, Calcium Chloride, Potassium Chloride and blue dye for accurate spreading!
Covers up to 5,000 sq. ft.

| Product Code | Weight (lbs) | Bags per Pallet |
|--------------|--------------|-----------------|
| 11305 | 50 | 40 |



Magnesium Chloride (pellets)

Use on all surfaces for ice melting to -13° F, flakes stay in place when spreading
Concrete friendly, fast acting, safer on vegetation, no oily residue
Multi-purpose dust control for horse rings, tennis courts and logging roads
Less corrosive than salt or calcium chloride
Covers up to 3,600 sq. ft.

| Product Code | Weight (lbs) | Bags per Pallet |
|--------------|--------------|-----------------|
| 11262 | 48 | 50 |



Rock Salt Pure Sodium Chloride

Most cost effective Ice Melter
Commonly referred to as Halite
Effective to 20°F
Covers up to 1,800 sq. ft.

| Product Code | Weight (lbs) | Bags per Pallet |
|--------------|--------------|-----------------|
| 11799 | 49 | 50 |

Rock salt brands subject to change without notice.





New York



Wisconsin

Jonathan Green "Show Us Your Lawn" Contest Entries



Michigan



Virginia



P.O. Box 326, 48 Squankum-Yellowbrook Rd.
Farmingdale, NJ 07727

(732) 938-7007 • 1-800-526-2303
FAX: (732) 938-5788

TURF-PRO SUPPLY CENTERS

Keith Reilly

National Sales & Operations Manager,
Turf-pro™ Division

1-800-526-2303 x 214 • Cell: 732-804-6787

Fax: 732-938-5788

kreilly@jonathangreen.com

New Jersey

48 Squankum-Yellowbrook Rd.
Farmingdale, NJ 07727

I-195 Exit 31B/Farmingdale

Victor Gagliano

Supply Center Manager

732-938-7007 x 213 • Cell: 732-685-7190

vgagliano@jonathangreen.com

Connecticut

349 Ella Grasso Avenue
Torrington, CT 06790

Route 8 - Exit 46

Office: 860-489-0082

HOURS OF OPERATION:

Monday - Friday 7:30 A.M. - 4:00 P.M.

*Saturday 7:30 A.M. - 12:00 P.M.

***Closed Saturdays in January, February, June, July, August,
December and on certain Holidays**

Check to see if we are open on snow days for ice melt!

Give us your email address for timely updates.

To learn more about
Turf-pro™, scan the QR code
below to visit our new
Turf-pro™ website...

coming soon!



TERMS OF SALE

1. Terms are available for customers with approved credit.
2. All credit sales are subject to prior credit approval.
3. A service charge of 1.5% per month (18% APR) will be added to past due balances on the first statement after the net due date.
4. No products will be accepted for return without authorization.
5. All returns are subject to a 15% restocking charge.
6. For UPS orders, applicable freight charges will be added plus a \$15.00 shipping and handling fee.
7. A \$35.00 handling fee will be assessed for checks that are returned for any reason.
8. We also accept payment through American Express, Visa and MasterCard, additional fees may apply.

• All of the mixtures and products in this catalog are subject to change without prior notification and they supersede all previous catalogs.



DELIVERY MINIMUMS

Orders of qualified products and dollar amounts will be delivered free to the following destinations, otherwise the appropriate delivery charge will be added.

\$1,250.00 NJ, CT, IN
Orders under \$1,250.00-\$200.00 delivery charge

\$1,500.00 DE, IL, KY, MA, MD, MI, MN, NY, OH, PA, VA, WI, WV
Orders under \$1,500.00-\$200.00 delivery charge

\$1,700.00 ME, NH, VT
Orders under \$1,700.00-\$200.00 delivery charge

\$2,000.00 NC, SC, TN
Orders under \$2,000.00-\$200.00 delivery charge

Ask for minimums and/or freight charges to other areas. Ferry costs or special handling requirements will be billed to customer. \$35.00 fuel surcharge per order. When necessary your order may be shipped via UPS with a \$15 handling fee plus UPS freight charges or Common Carrier resulting in a freight charge. Prices and programs subject to change without prior notice. NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS!