

PROFESSIONAL TURF

**LANDSCAPE & RESIDENTIAL** 

**HYDROSEEDING** 

**FERTILIZER** 

**AND MORE** 

**Product Catalogue** 





The Root to Your Success



Speare Seeds is a Canadian owned forage and turf seed business in Harriston, Ontario, Canada. We take pride in our Canadian heritage and our 45 year history of serving customers across Canada. Speare Seeds is committed to providing quality products to our customers and we aim to deliver solutions that surpass our customers' needs. We offer an extensive variety of forage and turf seeds which allows us to service the needs of several growing markets. We also offer custom blending to accommodate your individual requirements. Our relationships with producers and suppliers around the world enable us to provide products that are increasingly higher in demand.

We are 'The Root to Your Success'.





**HYDROSEEDING** 

**FERTILIZER** 



SPORTSFIELDS



**BULK BIN PROGRAM** 

**NATIVE & RECLAMATION** 



**CUSTOM TURF MIXTURES** 

TURF GENIUS® GUARANTEES 100% CERTIFIED SEED IN YOUR MIXTURE.



ENDOPHYTE ENHANCED MIXTURE

A NATURAL WAY OF REDUCING THE RISK OF INSECT INFESTATION AND INCREASING DISEASE RESISTANCE. ENDOPHYTES HELP REPEL INSECTS AND IMPROVE STRESS TOLERANCE NATURALLY.



SELF-REPAIRING TECHNOLOGY

SELF-REPAIRING VARIETIES HAVE THE ABILITY TO FILL IN BARE SPOTS NATURALLY. EXCELLENT FOR HIGH TRAFFIC AREAS.



TURFGRASS WATER CONSERVATION ALLIANCE - TWCA

PROVEN TO PROVIDE A CLEAR BENEFIT IN WATER CONSERVATION.



WATER SENSE™ COLOUR COATED SEED

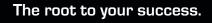
ALLOWS FOR FASTER GERMINATION
AND EARLY SEEDING SUCCESS WITH
LESS WATER. WATER SENSETM
TECHNOLOGY ABSORBS AND
RELEASES WATER TO KEEP SEED
MOIST EVEN IF YOU MISS A WATERING.



# **Turf Mixtures**

# The foundation to a healthy lawn

MIXTURE	INGREDIENTS
TURF GENIUS® 9-1-1 OVERSEEDING BLEND Uses the latest technology and is specifically designed for late summer overseeding to turn your brown upside down!  100% Certified Seed Quick to establish Drought tolerant	15% Cert. Annual Ryegrass 50% Cert. Perennial Ryegrass 15% Cert. Self-repairing PR 10% Cert. Creeping Red Fescue 10% Cert. Kentucky Bluegrass 100%
DRY TIMES LAWN MIXTURE  A fescue based mixture for use in low maintenance areas providing excellent drought tolerance.  Requires less watering  Ideal for all soil conditions including dry, sandy soils	55% Cert. Tall Fescue 10% Chewings Fescue 20% Creeping Red Fescue 10% Cert. Perennial Ryegrass 5% Annual Ryegrass 100%
ECO SUN & SHADE MIXTURE  A true Sun & Shade mixture built for most soil types.  Use in full sun or moderate shade	20% Kentucky Bluegrass 35% Creeping Red Fescue 5% Poa Trivialis 5% Chewings Fescue 35% Turf-type Perennial Ryegrass 100%
LANDSCAPE SPECIAL MIXTURE  A mixture designed for quick establishment and quality turf at an affordable price.  Fast establishment and coverage  Good wear tolerance with medium green colour	30% Kentucky Bluegrass 30% Creeping Red Fescue 20% Cert. Self-repairing PR 20% Cert. Annual Ryegrass 100%
MAPLE GREEN MIXTURE  A multi-purpose mixture with annual ryegrass for quick establishment.  Varieties suited for the Northern climate  Tolerates full sun or moderate shade  Annual ryegrass provides protection from excessive heat and helps to hold water in the soil	40% Kentucky Bluegrass 40% Creeping Red Fescue 10% Annual Ryegrass 10% Cert. Annual Ryegrass 100%
MTO MIXTURE  4-6 lbs. per 1,000 sq. ft.  A mixture developed by the Ministry of Transportation for land reclamation along roadsides.  • Requires little to no maintenance	52% Creeping Red Fescue 10% Kentucky Bluegrass 35% Perennial Ryegrass 3% White Clover 100%
TURF GENIUS® OVERSEEDING MIXTURE  A quick emerging, perennial ryegrass blend for repairing bare spots and thickening existing lawns.  100% Certified Seed  Very fast establishment  Coated seed for even distribution while planting	50% Cert. Perennial Ryegrass 50% Cert. Self-repairing PR 100%
PLAYGROUND MIXTURE  Low maintenance ground cover ideal for large properties, playgrounds and cottages.  A mixture of 7 different species suited for the Northern climate  Distinct traits for low maintenance grass  Grows well in sun and moderate shade	28% Creeping Red Fescue 10% Timothy 5% Kentucky Bluegrass 2% White Clover 20% Tall Fescue 25% Annual Ryegrass 10% Turf-type Perennial Ryegrass 100%





# **Turf Mixtures**

# Premium grass seed for all types of lawns

MIXTURE		INGREDIENTS
PREMIUM MIXTURE  Tried and proven – A Speare Seeds mixture for over 40 years.  An excellent, economical option for new lawns or overseeding.  • Excellent turf quality	5 lbs. per 1,000 sq. ft.	40% Kentucky Bluegrass 40% Creeping Red Fescue 20% Cert. Self-repairing PR 100%
SELECT MIXTURE  A traditional and all-purpose turf mixture with perennial ryegrass for long-lastin  Use in full sun or moderate shade	<b>5 lbs. per 1,000 sq. ft.</b> ng results.	40% Kentucky Bluegrass 40% Creeping Red Fescue 20% Turf-type Perennial Ryegrass 100%
SHADE MIXTURE Specially designed for shaded areas or areas that lack morning sunlight.  Combination of high quality turfgrass species  Mixture performs well in shade and also in sun  Contains the most shade tolerant species known to turf	5 lbs. per 1,000 sq. ft.	20% Kentucky Bluegrass 45% Creeping Red Fescue 10% Chewings Fescue 10% Turf-type Perennial Ryegrass 10% Annual Ryegrass 5% Poa Trivialis 100%
TURF GENIUS® SUN & SHADE MIXTURE A deluxe blend providing a superior lawn. TWCA Mixture  100% Certified Seed  BLUE coated seed for even distribution while planting	5 lbs. per 1,000 sq. ft.	25% Cert. Kentucky Bluegrass 45% Cert. Chewings Fescue 30% Cert. Self-repairing PR 100%
Use in all sun or moderate shade  TWCA		
SUPER GROW MIXTURE  A high quality mixture suitable for all lawns.  GREEN coated seed for even distribution while planting  A quick emerging mixture for your lawn  Tolerates full sun or moderate shade	5 lbs. per 1,000 sq. ft.	30% Kentucky Bluegrass 40% Creeping Red Fescue 30% Cert. Self-repairing PR 100%
<ul> <li>VALUE PLUS MIXTURE         An all-purpose mixture at an affordable price.         • Has a creeping growth habit – new shoots emerge and spread underground         • Medium to dark green colour         • Tolerates full sun and shade     </li> </ul>	5 lbs. per 1,000 sq. ft	10% Kentucky Bluegrass 60% Creeping Red Fescue 25% Annual Ryegrass 5% Turf-type Perennial Ryegrass 100%
TURF GENIUS® WATER SAVER MIXTURE Performs well in low maintenance areas. TWCA Mixture with excellent drought to  100% Certified Seed  Deep root system with self-repairing technology  RED coated seed for even distribution while planting	<b>8 lbs. per 1,000 sq. ft</b> lerance.	30% Cert. Tall Fescue 30% Cert. Self-repairing TF 20% Cert. Chewings Fescue 20% Cert. Self-repairing PR 100%
Works extremely well in dry, sandy, troubled soils		



# **Small Packaged Lawn Seed**

Turf specialist approved

MIXTURE	INGREDIENTS	UNIT SIZE
<b>ENVIRONMENTAL TURF MIXTURE</b> An environmentally-friendly product packaged in a biodegradable and recyclable bag. This mixture reduces mowing frequency, gives you a low maintenance lawn and requires less watering.	Contains: Certified varieties of Creeping Red Fescue, Sheep Fescue, Hard Fescue, Chewings Fescue and Annual Ryegrass.	1.5 kg. (bundle of 10)
KENTUCKY BLUEGRASS A low growing persistent fine-leafed variety species which produces a blue-green colour.		500 g. (bundle of 10)
MICROCLOVER  A low growing, environmentally friendly clover with tiny micro leaves that produce their own source of natural nitrogen which feeds your lawn constantly.		500 g. (bundle of 10) 1 kg. (bundle of 10)
WHITE CLOVER Robust, adaptive, drought resistant and somewhat shade tolerant. Sow in spring or late summer. Produces small flowers. May attract bees.		500 g. (bundle of 10) 1 kg. (bundle of 10) 25 kg.
POLLINATOR MIX  Create a floral forage habitat to benefit pollinating species and provide pollinators with a balanced diet throughout the growing season.  Made up of 12 different nectar and pollen producing plants.  Grows in most soil types and performs in both full sun to partial shade.	Alfalfa, White Clover, Yellow Blossom Sweet Clover, Crimson Clover, Forage Feast Chicory, Sunflower, Alsike Clover, Single Cut Red Clover, Double Cut Red Clover, Fodder Rape, Oriental Mustard, Daikon Radish	500 g. (bundle of 10)
SEEDS FOR THE CURE SUN & SHADE MIXTURE  Growing Hope One Seed At A Time.  Pink seed coated with Water Sense™ technology produces a beautiful, green lawn. A quality product supporting the Canadian Breast Cancer Foundation.  Vibrant pink seed for excellent visibility when seeding  Holds more than 600x its weight in water, improving water efficiency  Improves germination rate and plant survival during drought	Contains: Cert. Self-repairing PR, Kentucky Bluegrass, Creeping Red Fescue, Turf-type Perennial Ryegrass	1.5 kg. (bundle of 10)
CUSTOM SMALL PACKAGING  An ideal option to grow your current product line, extend your brand or use as a promotional tool for your next special event. Speare Seeds will create a personalized label for your small packaging which includes:  Company name Company logo Custom mixture name and ingredients Seeding rate	Our turf specialists will help you select the best varieties to formulate a mixture specific to your needs.	Available in a variety of sizes, ranging from 500 g. to 5 kg.  40 x 500 g. / bundle 20 x 750 g. / bundle 15 x 1 kg. / bundle 10 x 2 kg. / bundle 5 x 5 kg. / bundle











# **Hydroseeding & Erosion Control**

Delivering high performance soil stabilizers

HYDRO-MULCH	RECOMMENDED APPLICATION RATES
100% CELLULOSE High-quality, clean, 100% cellulose fiber (paper) mixes in water at an accelerated rate. Dyed a dark green colour for easy metering. Provides erosion control superior to straw for nearly the same cost. Ideal for general seeding.	1700 kg. / Ha – 2300 kg. / Ha
100% WOOD  Produced from Thermo-mechanically processed virgin green wood chips. Forms a porous bond with the soil surface, enhancing erosion control performance, seed germination and turf establishment. (Also available pre-mixed with Tackifier)	1700 kg. / Ha – 2800 kg. / Ha
<b>50 / 50 BLEND – WOOD / CELLULOSE</b> Loose dense packaging allows material to load / mix faster and easier. Provides ideal performance for both jet-agitated and mechanically-agitated hydro seeding machines.	1700 kg. / Ha – 2300 kg. / Ha
70 / 30 BLEND – WOOD / CELLULOSE Combination of Thermally Processed 100% Virgin Wood and High Quality Recycled Cellulose Fibers Hydraulic Mulch. Easily mixed and applied with a standard hydro seeding machine. Superior erosion control and vegetation establishment when compared to 100% Cellulose Fiber Hydraulic Mulch. (Also available pre-mixed with Tackifier)	1700 kg. / Ha – 2300 kg. / Ha
100% BIODEGRADABLE MULCHING GRANULES Produced from high quality recycled newsprint and other organic materials. Ideal for repairing and establishing vegetation on smaller areas.	27 kg. per 93 m²
BONDED FIBER MATRIX (BFM) Technology of Thermo-mechanically processed virgin wood fibers and blend of cross-linked bonding agents. Forms a strong, durable bond with the soil surface, providing excellent erosion control performance on the most critical slopes (up to 1:1) for up to 12 Months.	3400 kg. / Ha — 5000 kg. / Ha (depending on slope gradients and conditions)
FIBER REINFORCED MATRIX (FRM) Technology of Thermo-mechanically processed virgin wood fibers, blend of cross-linked bonding agents, and engineered reinforcing fibers. Immediately (requires no cure time) forms an intimate bond with the soil surface, providing optimal erosion control performance on the most critical slopes (up to 1:1) for up to 18 months.	3400 kg. / Ha – 5000 kg. / Ha (depending on slope gradients and conditions)

<sup>\*</sup>Blankets and Tackifiers available upon request.





<sup>\*</sup>For other Hydroseeding products, please call our office and speak to one of our turf professionals.



# **Fertilizers**

Be green and protect your lawn from insects, stress and drought

## 8-32-16 Starter\*

- Apply when seeding, sodding or overseeding
- Establishes new lawns faster
- Use in spring to wake your lawn from a long winter
- Slow release N to avoid burning

Product	Bag Size	SGN	Bags Per Pallet	Coverage
8 – 32 – 16 Starter	15kg	220	60	19,200 ft² per bag
8 – 32 – 16 Starter	20kg	220	50	25,600 ft <sup>2</sup> per bag
8 – 32 – 16 Starter	25kg	220	40	32,000 ft² per bag



- **18-3-6 Builder\*** All-purpose fertilizer to use on all types of lawns
  - Maintenance fertilizer to build stress tolerance
  - Slow release N for lasting colour

Product	Bag Size	SGN	Bags Per Pallet	Coverage
18 – 3 – 6 Builder	15kg	220	60	10,800 ft² per bag
18 – 3 – 6 Builder	20kg	220	50	14,400 ft <sup>2</sup> per bag
18 – 3 – 6 Builder	25kg	220	40	18,000 ft <sup>2</sup> per bag



# **32-0-6 Charger** \*

- High quality blend for estate properties and sportsfields
  - Slow release N for better colour and slower growth
- Technologically designed to provide residual for 12 16 weeks

Product	Bag Size	SGN	Bags Per Pallet	Coverage
32 – 0 – 6 Charger	15kg	220	60	19,200 ft² per bag
32 – 0 – 6 Charger	20kg	220	50	25,600 ft <sup>2</sup> per bag
32 – 0 – 6 Charger	25kg	220	40	32,000 ft <sup>2</sup> per bag



- **20-0-5 Booster** \* Slow release N for a variety of environmental conditions Economical blend for all-purpose use

Product	Bag Size	SGN	Bags Per Pallet	Coverage
20 – 0 – 5 Booster	15kg	220	60	12,000 ft² per bag
20 – 0 – 5 Booster	20kg	220	50	16,000 ft <sup>2</sup> per bag
20 – 0 – 5 Booster	25kg	220	40	20,000 ft² per bag



- All blends available with no slow release. Custom fertilizer also available
- Particle size custom suited to broadcast applications over larger acreages or turf maintained at a variety of heights of cut
- Featured ingredients are safe, non burning sources of plant nutrition when used as directed
- \*All products contain percentages of slow release nitrogen





# **Native & Reclamation Seed**

# An environmental approach to land conservation

In Eastern North America, there is a wide variety of native and naturalized vegetation to replicate. Most planting objectives fall into the following categories:

- Erosion control and soil & water stabilization
- Beautification and enhancement of landscapes
- Biodiversity and wildlife habitat enhancement & restoration
- Pollinator habitat for honeybees and native pollinators

The use of environmentally friendly, native plants saves time and money by reducing water, chemical, fertilizer and maintenance needs. Select a combination of species that creates the landscape desired. Your goals should be compatible with site conditions that cannot be altered. Native plant communities can be selected to meet all site conditions.

### **Upland & Meadow Sites**

Upland Sites are characterized as being dry the majority of the year. Soils at these sites often consist of sandy clay and shale with very little topsoil and are subject to drought.

Recommended Mixtures: Roadside Native Mix, Upland Mix, Native Grass Mix

### **Riparian Sites**

Riparian sites are usually adjacent to rivers and waterways. Soils often contain clay, high amounts of organic matter and/or saturated sand.

Recommended Mixtures: Floodplain Mix, Riparian Buffer Mix

### **Disturbed Sites & Steep Slopes**

Disturbed sites and steep slopes have variable soil types and conditions.

Recommended Mixtures: Quick Erosion Control Cover Mix, Native Steep Slope Mix

### **Wet Meadow & Wetland Sites**

Wet Meadow & Wetland Sites have soils made up of clay and high organic matter, with high water tables or impervious layers that prevent drainage. They are wet most of the time.

Recommended Mixtures: Wetland Mix, Meadow Mix

### **Storm Water Management Facility Sites**

Storm water management facility sites are generally a best management practice integrated throughout land development projects, which provide for a volume of water storage, infiltration and evaporation that mimics the natural rate of runoff or groundwater recharge.

**Recommended Mixtures:** Retention Basin Floor Mix – Low Maintenance, Native Detention Area Mix

<sup>\*</sup>Some content on this page used with permission from Ernst Conservation Seeds.





# **Spreading Seeds of Wisdom**

Trust the turf specialists at Speare Seeds

Product knowledge is one of our highest priorities. Speare Seeds sales representatives are available for training presentations to help you:

- Better understand customer needs
- Aid new customers with knowledge and retain informed customers
- Increase the value of your products
- Boost employee confidence

### What type of grass seed should I purchase?

Buy your grass seed based on quality, not price - it will be a great home investment. Once your seed is established, your lawn will be around for a long time. Choose a mixture specific to your location, lifestyle needs, and soil conditions.

### What do I need to do before I plant my grass seed?

Proper soil preparation and having seed to soil contact is necessary for germination.

### When is the best time to plant my grass seed or overseed?

Base timing on soil temperatures rather than the calendar. Plant your grass seed or overseed in the spring, late summer or fall. Soil temperatures must be 16-18° C for one week for proper germination. Overseeding or planting a new lawn in the fall gives you the advantage for the seedlings to have two seasons to build strong roots (winter and spring) before the grass goes through the hot summer.

### How long does it take to see my grass seed germinate (establish)?

Initial growth of the seedlings should take place between 10-14 days providing there is adequate moisture and soil temperature is ideal.

### How often do I water my newly planted lawn?

Watering your new seedlings is crucial until they are established. Remember a little water is better than none.

- Best time to water your lawn is early in the morning
- Avoid puddles of water
- Never allow the soil where the seed is planted to dry out

### Why Overseed?

Overseeding is a method of thickening up a lawn that has become thin or damaged by insects, diseases, weeds, drought, excessive traffic or other types of damage. If your lawn is healthy from overseeding and soil management, weeds will be crowded out and will have a harder time taking root.

SPECIES	DAYS TO ESTABLISH	RHIZOMES SELF REPAIRING	WEAR TOLERANT	DROUGHT TOLERANT	SHADE TOLERANT	COLD TOLERANT	ENDOPHYTES (DISEASE / INSECT RESISTANT)
Perennial Ryegrass	5-10	Some	Yes	Very Good	Fair-Good	Fair	High
Kentucky Bluegrass	21-28	Yes	No	Good	Poor	Very Good	None
Tall Fescue	14-21	Some	No	Very Good	Very Good	Good	High
Chewings Fescue	14-21	Some	No	Good	Very Good	Good	Low
Creeping Red Fescue	14-21	Yes	No	Fair	Very Good	Good	Medium
Hard Fescue	14-21	Some	No	Fair-Poor	Very Good	Good	Low



# Benefits of Certified Seed

Seed is the foundation of a good lawn. Focusing on the advantages homeowners gain by planting certified seed is important. Our mixtures contain top-ranked varieties in national trials.

- Certified seed guarantees the seed you buy has gone through all proper multiplication, inspection and cleaning processes to ensure a superior product.
- Using certified seed means you know exactly what you are getting.
- Certified seed is tested and graded by accredited experts. Years of research and development went into these traits and they can only be reliably accessed through certified seed.
- Improved traits like dark green colour, fine-textured turf, pest and drought tolerance, and much more are delivered to you in certified seed.
- Certified seed is tested to ensure excellent germination.

By using certified seed in our mixtures, you can be certain you are receiving the best quality product. Even when common seed is included in a mixture, we will hand pick the different seed lots to ensure that you are receiving the highest quality.

For more information about the products we offer 519.338.3840 www.speareseeds.ca





# The root to your success.

99 John Street North
Harriston, Ontario | NOG 1ZO
P (519) 338-3840 | F (519) 338-2510
E info@speareseeds.ca



A division of Speare Seeds