GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET
– CONSTANTLY EVOLVING –

VERT À VIE™ ECO-FLOWER

The Eco-Flower sod is composed of laterally spreading Kentucky bluegrass (exclusive) as well as short perennial flowers. It offers blooming starting in the first year and provides an instant result, reaching a height of approximately 150–250 mm. Monthly mowing is recommended so that the flowering can reach its full potential throughout the summer. It increases biodiversity and is ideal for re-naturalizing land, improving its ecological value, and promoting plant diversity as well as a variety of insects and animals.

BIODIVERSE PRESENCE OF FLOWERS PESTICIDE-FREE

DESCRIPTION

- Mix of various species such as Kentucky bluegrass, bird's-foot trefoil, clover, daisy, pinks, thyme, self-heal, violet, etc.*
- Variation over time in the mix and proportion of species depending on light exposure, soil conditions, and the type of maintenance regime applied
- Provides much more conclusive and faster results than flower seeding, and is less expensive than manually planting flower plugs
- Recommended sunlight: 6 hours or more
- Native species* and/or species adapted to our climatic conditions
- Attracts pollinating insects, small mammals, and birds
- Perfect for site re-naturalization, areas with differentiated mowing management, increasing biodiversity, earning LEED points, or meeting any other eco-responsible certification
- Since this product is free of pesticides, it is normal to find a certain percentage of weeds

USES

Flowering biodiversity island, residential or public area with little foot traffic, vegetated swale, median strip, intersection, park, roadside, cemetery, rest area, differentiated mowing management, site re-naturalization or LEED/eco-responsible project.

*The presence and proportion of species may vary.

TECHNICAL SPECIFICATIONS

GRASS SPECIES: Lateral-spreading Kentucky bluegrass (*Poa pratensis*)
FLOWER SPECIES: Mix of various species such as bird's-foot trefoil, clover, daisy, pinks, thyme, self-heal*, violet*, etc.*
QUALITY NO. 1: This product exceeds the quality requirements for sod rolls under BNQ standards.
BNQ CLASSIFICATION: Type D (BNQ Standard 0605-300-XII/2019)
CULTIVARS: Slow-growing and lateral-spreading Kentucky bluegrass cultivars, as well as selected flower cultivars adapted to harvesting and mowing.
SEED: Use of certified seed
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SLAB THICKNESS: 6 to 20 mm, excluding thatch
FIELD MOWING HEIGHT: 75 to 100 mm
MATURE HEIGHT: 150–250 mm
FORMAT : 2 ft × 5 ft

GROWN WITH PASSION

We offer you the highest-performing cultivars on the market, perfectly adapted to our Québec climate.
We select our cultivars rigorously, based on the results of our own trials as well as those of our collaborators.

NTEP APGQ TPI

Certain conditions apply. Contact us for more information.

RÉV. 10/12/2025

THE ECO-FLOWER SOD is an innovative solution that meets the growing demand for projects aimed at enhancing biodiversity. Its immediate installation offers an efficient and rapid alternative to traditional seeding methods, which are often complex, lengthy, and restrictive. Thanks to its rapid rooting, it helps create a **long-lasting flowering vegetative cover** while promoting biodiversity.

It is recommended to space out mowing and keep the grass taller (6–10 inches) so that flowering can fully develop. During the monthly mowing, the mowing height should be adjusted as high as possible (ideally 4 inches).

POSSIBLE FLOWER VARIETIES

VERT À VIE™ ECO-FLOWER

SUSTAINABLE LAWN

An ecological lawn also means high-quality topsoil in sufficient quantity, the absence of compaction, higher mowing, thoughtful fertilization, grass-cycling, and increased tolerance to dormancy and the presence of weeds. For more information, consult the BNQ installation standards and the "Sustainable Lawn" website (created by the Quebec Sod Producers Association).

BIODIVERSITY & BENEFITS OF TURFGRASS

Trees, shrubs, perennials, and grassy areas all contribute, in their own way, to increasing the biodiversity of our living environments. The grass species found in our lawns are very similar to those present in natural prairies. These environments help maintain healthy soils by increasing their organic matter content and reducing risks of compaction, erosion, or runoff. They act as an ultra-efficient sponge during heavy rainfall and host numerous microorganisms, insects, and animals, in addition to being considered excellent carbon sinks.

A lawn kept longer and/or composed of multiple species will have an even more positive impact on the environment. In addition, pest attacks, disease incidence, and climate stress will be reduced in a more biodiverse environment. The presence of flowers will attract pollinating insects, which are essential to life. A rich ecosystem also improves resilience to extreme weather events such as flooding. Lastly, lawns act like natural air conditioners by keeping the air cool, contribute to water conservation, help control invasive species, and reduce habitat fragmentation. Click here to learn more about the benefits of a sustainable lawn.

REGENERATIVE AGRICULTURE

Many scientists agree that regenerative agriculture is one of the solutions to fight climate change. At Groupe Richer, for about ten years, our agronomy team has been adopting new, more eco-responsible cultivation methods aimed, among other things, at capturing carbon from the air and storing it in our soils. Click here to learn more about regenerative agriculture.

GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET
– CONSTANTLY EVOLVING –

VERT À VIE™ FLOWERING MEADOW

Flowering meadow is a turf composed of fine fescues and perennial wildflowers. Once well established, it will reach a height of about 90 cm (3 ft) at maturity. It can produce blooms as early as the first year and provides an instant visual result. One to two mowings per year are recommended to allow the flowering to reach its full potential throughout the summer. It increases biodiversity and is ideal for re-naturalizing land, enhancing its ecological value, and promoting a diversity of plants, insects, and wildlife.

WATER SAVER BIODIVERSE PRESENCE OF FLOWERS PESTICIDE-FREE

DESCRIPTION

- Blend of various highly diverse species such as: fine fescue, birdsfoot trefoil, oxeye daisy, yarrow, red clover, bee balm, blanket flower, echinacea, black-eyed Susan, etc.*
- Natural variation over time in the mix and in species proportions depending on light exposure, soil conditions, and the type of maintenance regime applied
- Native and/or climate-adapted flowers
- Very high biodiversity
- A minimum of 6 hours of sunlight is recommended
- Attracts pollinating insects, small mammals, and birds
- Likely to display beautiful colours throughout the season, depending on the species present and their respective blooming periods
- Perfect for site re-naturalization, areas with differentiated mowing management, biodiversity enhancement, obtaining LEED points, or meeting other certifications
- Since this product is free of pesticides, it is normal to find a certain percentage of weeds

USES

Flowering biodiversity island, bike-path border, residential or public space with low foot traffic, vegetated swale, median strip, traffic circle, park, differentiated-mowing areas, bike-path edges, retention basin, low-maintenance sites, long-grass areas on golf courses, small hills, ditches, unmanaged woodland edges, etc.

*The presence and proportion of species may vary.

TECHNICAL SPECIFICATIONS

GRASS SPECIES: strong creeping red fescue (*Festuca rubra ssp. rubra*), chewings fescue (*Festuca rubra ssp. commutata*), hard fescue (*Festuca trachyphylla*)
FLOWER SPECIES: Blend of various species such as: yarrow, oxeye daisy, red clover, birdsfoot trefoil, echinacea, black-eyed susan, bee balm, blanket flower, etc.*
QUALITY NO.1: This product exceeds the standard requirements for sod quality
CULTIVARS: Improved cultivars, TWCA and/or A-LIST certified at 65% or more
SEED: Use of certified seed
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SOD THICKNESS: 6 to 20 mm excluding thatch
FIELD MOWING HEIGHT: 75 to 100 mm
HEIGHT AT MATURITY: 900 mm
FORMAT: 2 ft × 5 ft

GROWN WITH PASSION

We offer you the highest-performing cultivars on the market, perfectly adapted to our Québec climate.
We select our cultivars rigorously, based on the results of our own trials as well as those of our collaborators.

NTEP APGQ TPI

Certain conditions apply. Contact us for more information.

RÉV. 31/12/2025

FLOWERING MEADOW SOD is an innovative solution that meets the growing demand for projects aimed at enhancing biodiversity. Its instant installation provides an effective and rapid alternative to traditional seeding methods, which are often complex, lengthy, and restrictive. Thanks to its fast root establishment, it allows the creation of a **durable flowering plant cover** while promoting biodiversity.

POSSIBLE FLOWER VARIETIES

VERT À VIE™ FLOWERING MEADOW

SUSTAINABLE LAWN

An ecological lawn also means high-quality topsoil in sufficient quantity, the absence of compaction, higher mowing, thoughtful fertilization, grass-cycling, and increased tolerance to dormancy and the presence of weeds. For more information, consult the BNQ installation standards and the "Sustainable Lawn" website (created by the Quebec Sod Producers Association).

BIODIVERSITY & BENEFITS OF TURFGRASS

Trees, shrubs, perennials, and grassy areas all contribute, in their own way, to increasing the biodiversity of our living environments. The grass species found in our lawns are very similar to those present in natural prairies. These environments help maintain healthy soils by increasing their organic matter content and reducing risks of compaction, erosion, or runoff. They act as an ultra-efficient sponge during heavy rainfall and host numerous microorganisms, insects, and animals, in addition to being considered excellent carbon sinks.

A lawn kept longer and/or composed of multiple species will have an even more positive impact on the environment. In addition, pest attacks, disease incidence, and climate stress will be reduced in a more biodiverse environment. The presence of flowers will attract pollinating insects, which are essential to life. A rich ecosystem also improves resilience to extreme weather events such as flooding. Lastly, lawns act like natural air conditioners by keeping the air cool, contribute to water conservation, help control invasive species, and reduce habitat fragmentation. Click here to learn more about the benefits of a sustainable lawn.

REGENERATIVE AGRICULTURE

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GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET

VERT À VIE™ KENTUCKY

Kentucky bluegrass is a reliable choice known for its density, purity, dark colour, and consistent quality. In addition, this "Water-Saving" certified turf stays green longer during drought, helping reduce water waste.

WATER SAVER

DESCRIPTION

- Blend of several high-performing Kentucky bluegrass cultivars certified "Water-Saving," requiring up to 50% less water once fully established
- Premium-quality turf
- Dark green colour, very dense and uniform
- Leaf texture: medium
- Extremely hardy in our climate conditions
- Excellent tolerance to foot traffic
- Self-regenerates thanks to rhizome production
- Perfect for clients concerned about water conservation, for earning LEED points, or for meeting any other eco-friendly certification requirements

USES

Commercial, residential, municipal, or LEED/eco-friendly project

TECHNICAL SPECIFICATIONS

SPECIES: Kentucky bluegrass (*Poa pratensis*)
QUALITY NO.1: This product exceeds the BNQ quality requirements for sod rolls
CLASSIFICATION: Type A (BNQ Standard 0605-300-XII/2019)
CULTIVARS: Improved cultivars, TWCA and/or A-LIST certified at 65% or more
SEED: Use of certified seed
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SOD THICKNESS: 6 to 20 mm excluding thatch
MOWING HEIGHT: 75 to 100 mm
FORMAT : 2 ft × 5 ft

GROWN WITH PASSION

We offer you the highest-performing cultivars on the market, perfectly adapted to our Québec climate. We select our cultivars rigorously, based on the results of our own trials as well as those of our collaborators.

Certain conditions apply. Contact us for more information.

VERT À VIE™ KENTUCKY

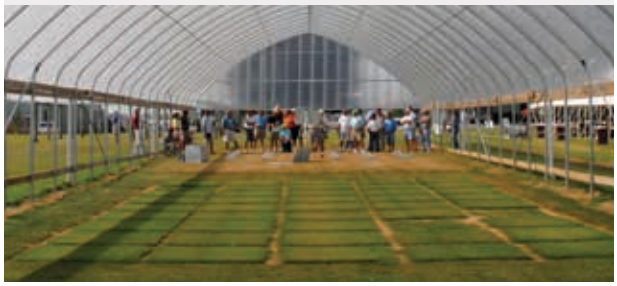
WATER-SAVING CERTIFICATION

- Ideal for projects without irrigation (**once the lawn is fully established**).
- This certification ensures that more than 65% of the cultivars used in the mix have demonstrated increased drought tolerance through trials conducted by non-profit organizations such as A-List (Alliance for Low Input Sustainable Turf) and TWCA (Turfgrass Water Conservation Alliance).
- Certified Water-Saving varieties:
  - will stay green longer before entering dormancy during a prolonged drought. With a shorter dormancy period, users will be less tempted to reach for the garden hose!
  - will regain vigor and return to their green colour more quickly after the next rainfall (in Québec, precipitation generally provides 90% of the plant's water needs).
  - require 30% to 50% less water, as demonstrated in research conducted by the TWCA..
- Lawns that stay green longer also contribute to an ecosystem that produces more photosynthesis, acts more effectively against heat islands, better tolerates foot traffic, and is less likely to be attacked by insects or diseases or invaded by weeds.
- For more information, visit the TWCA and A-List websites.

WATER SAVER = TWCA + A-LIST

After 35 days without irrigation, the highest-performing cultivars will maintain their green colour (once well established):

At the test sites, tents are installed over the plots to simulate long periods of drought:



SUSTAINABLE LAWN

An ecological lawn also means high-quality topsoil in sufficient quantity, the absence of compaction, higher mowing, thoughtful fertilization, grass-cycling, and increased tolerance to dormancy and the presence of weeds. For more information, consult the BNQ installation standards and the "Sustainable Lawn" website (created by the Quebec Sod Producers Association).

BIODIVERSITY & BENEFITS OF TURFGRASS

Trees, shrubs, perennials, and grassy areas all contribute, in their own way, to increasing the biodiversity of our living environments. The grass species found in our lawns are very similar to those present in natural prairies. These environments help maintain healthy soils by increasing their organic matter content and reducing risks of compaction, erosion, or runoff. They act as an ultra-efficient sponge during heavy rainfall and host numerous microorganisms, insects, and animals, in addition to being considered excellent carbon sinks.

A lawn kept longer and/or composed of multiple species will have an even more positive impact on the environment. In addition, pest attacks, disease incidence, and climate stress will be reduced in a more biodiverse environment. The presence of flowers will attract pollinating insects, which are essential to life. A rich ecosystem also improves resilience to extreme weather events such as flooding. Lastly, lawns act like natural air conditioners by keeping the air cool, contribute to water conservation, help control invasive species, and reduce habitat fragmentation. Click here to learn more about the benefits of a sustainable lawn.

REGENERATIVE AGRICULTURE

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RÉV. 31/12/2025

GROUPE RICHER GAZON RICHER

VERT À VIE™ ECO-TURF

The Eco-turf sod is one of our most ecological varieties thanks to its biodiversity. The presence of dwarf clovers and fine fescues makes it a low-maintenance lawn. Not aggressive, Microtrèfle® blends well with grasses due to its small size. In addition, this "Water-Saving" certified sod stays green longer during drought conditions, thereby reducing water waste. Choose a greener lawn!

PESTICIDE-FREE WATER SAVER

DESCRIPTION

- Blend of various high-performing Kentucky bluegrass and fine fescue cultivars certified as "Water-Saving," requiring up to 50% less water once fully established, with added Microtrèfle®
- Native fine fescues and Kentucky bluegrasses adapted to our climatic conditions
- Very high biodiversity
- Microtrèfle® is three times smaller than common dwarf white clover
- Microtrèfle® is well suited to short mowing
- Variety that tolerates moderate foot traffic
- Regular mowing of Microtrèfle® will minimize the presence of flowers if desired
- Flower production throughout the season, which can attract pollinating insects if desired
- Leaf texture: mixed
- **Low water requirement once fully established:**
  - Microtrèfle® tolerates drought well
  - Fescues and clovers stay green longer during dry periods
  - Composed of 65% or more TWCA and/or A-LIST certified cultivars
- **Low fertilizer requirement once fully established:**
  - Microtrèfle® fixes atmospheric nitrogen thanks to Rhizobium bacteria present in the root nodules (see Fig. 1)
  - Grass-cycling is an effective way to ensure nitrogen from legumes becomes available to grasses
  - To maintain an acceptable grass population in the long term (over 50%), nitrogen fertilization in May and June may be recommended (see Fig. 2)
  - Depending on growth conditions and foot-traffic intensity, a total of 0 to 100 N/ha may be applied, in addition to phosphorus and potash as recommended by soil analysis

TECHNICAL SPECIFICATIONS

SPECIES: 50% Kentucky bluegrass (*Poa pratensis*), 30% strong creeping red fescue (*Festuca rubra ssp. rubra*), 10% chewings fescue (*Festuca rubra ssp. commutata*), 5% hard fescue (*Festuca trachyphylla*), 5% dwarf white clover (*Trifolium repens*)
QUALITY NO.1: This product exceeds the quality requirements for sod rolls under BNQ standards.
CLASSIFICATION: Type D (BNQ Standard 0605-300-XII/2019)
CULTIVARS: Improved cultivars, 65% or more TWCA and/or A-LIST certified
SEED: Use of certified seed
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SLAB THICKNESS: 6 to 20 mm, excluding thatch
MOWING HEIGHT: 80 to 100 mm
FORMAT: 2 ft × 5 ft

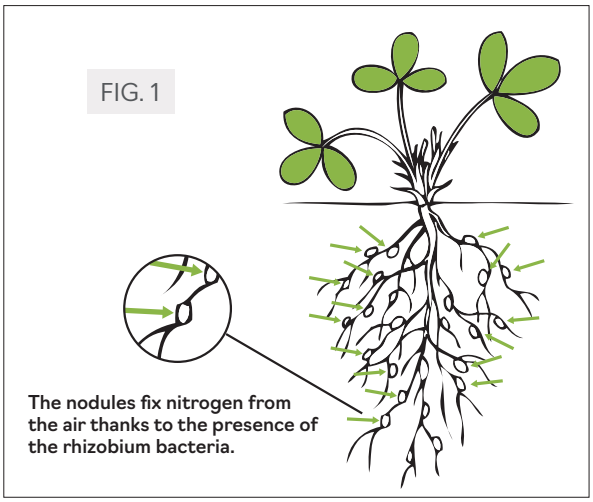
- **Increased insect tolerance:**
  - Clovers are not (or only minimally) attacked by insects such as chinch bugs or sod webworms
  - White grubs are less attracted to clovers and fescues
  - The use of endophytic seeds helps turfgrass withstand stresses such as drought, diseases, or attacks from certain defoliating insects
  - Overseeding with Microtrèfle® can be done if the grass population becomes too high
  - Variation over time in the mix and proportion of species depending on light exposure, soil conditions, and the type of maintenance regime applied
  - Perfect for clients concerned with protecting water resources, earning LEED points, or meeting any other eco-friendly certification

USES

Low maintenance, roadside, cemetery, rest area, park, or LEED/eco-friendly project

VERT À VIE™ ECO-TURF

FIG. 1



PROPORTION (%) OF GRASSES AND MICROCLOVER® BASED ON FERTILIZATION

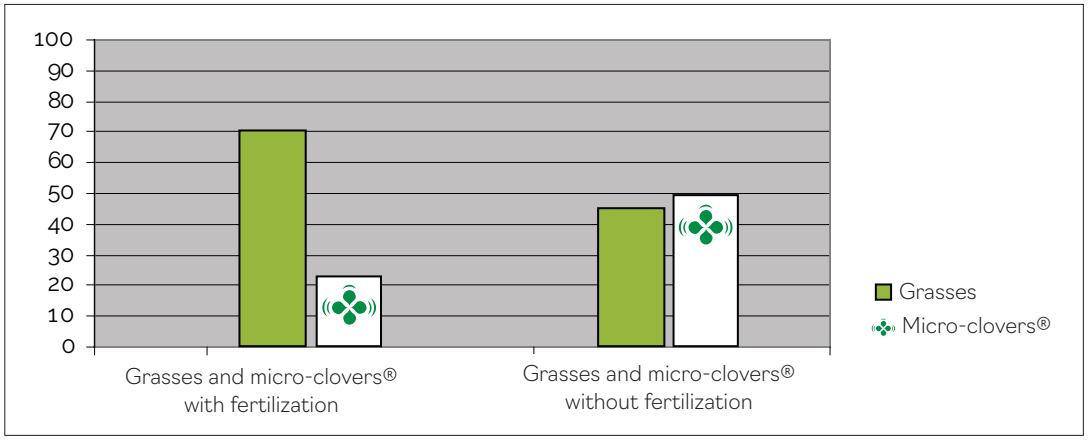


FIG. 2

GROWN WITH PASSION

We offer you the highest-performing cultivars on the market, perfectly adapted to our Québec climate.
We select our cultivars rigorously, based on the results of our own trials as well as those of our collaborators.

Certain conditions apply. Contact us for more information.

RÉV. 31/12/2025

VERT À VIE™ ECO-TURF

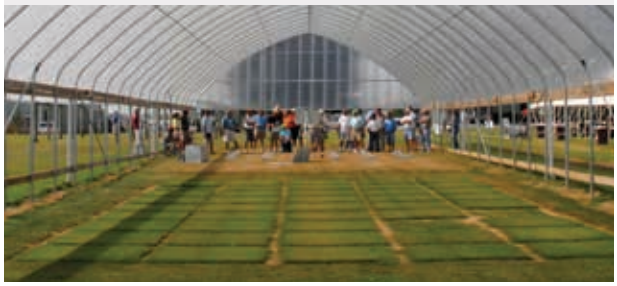
WATER-SAVING CERTIFICATION

- Ideal for projects without irrigation (**once the lawn is fully established**).
- This certification ensures that more than 65% of the cultivars used in the mix have demonstrated increased drought tolerance through trials conducted by non-profit organizations such as A-List (Alliance for Low Input Sustainable Turf) and TWCA (Turfgrass Water Conservation Alliance).
- Certified Water-Saving varieties:
  - will stay green longer before entering dormancy during a prolonged drought. With a shorter dormancy period, users will be less tempted to reach for the garden hose!
  - will regain vigor and return to their green colour more quickly after the next rainfall (in Québec, precipitation generally provides 90% of the plant's water needs).
  - require 30% to 50% less water, as demonstrated in research conducted by the TWCA..
- Lawns that stay green longer also contribute to an ecosystem that produces more photosynthesis, acts more effectively against heat islands, better tolerates foot traffic, and is less likely to be attacked by insects or diseases or invaded by weeds.
- For more information, visit the TWCA and A-List websites.

WATER SAVER = TWCA + A-LIST

After 35 days without irrigation, the highest-performing cultivars will maintain their green colour (once well established):

At the test sites, tents are installed over the plots to simulate long periods of drought:



SUSTAINABLE LAWN

An ecological lawn also means high-quality topsoil in sufficient quantity, the absence of compaction, higher mowing, thoughtful fertilization, grass-cycling, and increased tolerance to dormancy and the presence of weeds. For more information, consult the BNQ installation standards and the "Sustainable Lawn" website (created by the Quebec Sod Producers Association).

BIODIVERSITY & BENEFITS OF TURFGRASS

Trees, shrubs, perennials, and grassy areas all contribute, in their own way, to increasing the biodiversity of our living environments. The grass species found in our lawns are very similar to those present in natural prairies. These environments help maintain healthy soils by increasing their organic matter content and reducing risks of compaction, erosion, or runoff. They act as an ultra-efficient sponge during heavy rainfall and host numerous microorganisms, insects, and animals, in addition to being considered excellent carbon sinks.

A lawn kept longer and/or composed of multiple species will have an even more positive impact on the environment. In addition, pest attacks, disease incidence, and climate stress will be reduced in a more biodiverse environment. The presence of flowers will attract pollinating insects, which are essential to life. A rich ecosystem also improves resilience to extreme weather events such as flooding. Lastly, lawns act like natural air conditioners by keeping the air cool, contribute to water conservation, help control invasive species, and reduce habitat fragmentation. Click here to learn more about the benefits of a sustainable lawn.

REGENERATIVE AGRICULTURE

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GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET

VERT À VIE™ LOW MAINTENANCE

Once fully established, the Low-Maintenance lawn is an attractive option because it requires less fertilizer and water. The presence of fine fescues in this mix can help prevent white grub infestations. Its biodiversity allows this turf to adapt well to a variety of site conditions. In addition, this "Water-Saving" certified sod stays green longer during drought, thereby reducing water waste.

WATER SAVER

DESCRIPTION

- Blend of various high-performing Kentucky bluegrass cultivars (± 50%) and fine fescues (± 50%) certified as "Water-Saving," requiring up to 50% less water once fully established
- Native species and/or species adapted to our climatic conditions
- High biodiversity
- **Presence of fine fescues:**
  - Enter dormancy later during drought periods
  - May require less fertilization and mowing
  - Can help keep white grubs away
  - Tolerate moderate foot traffic
- The use of endophytic seeds helps turfgrass withstand stresses such as drought, diseases, or attacks from certain defoliating insects
- Leaf texture: mixed
- Variation over time in the mix and proportion of species depending on light exposure, soil conditions, and the type of maintenance regime applied
- Perfect for clients wanting a conventional-looking lawn that requires minimal maintenance

USES

Low maintenance, roadside, cemetery, retention basin, green roof, park, or LEED / eco-friendly project

TECHNICAL SPECIFICATIONS

SPECIES: 50% Kentucky bluegrass (*Poa pratensis*), 30% strong creeping red fescue (*Festuca rubra ssp. rubra*), 10% chewings fescue (*Festuca rubra ssp. commutata*), 10% hard fescue (***Festuca trachyphylla***)
QUALITY NO. 1: This product exceeds the BNQ quality requirements for sod rolls.
CLASSIFICATION: Type C (BNQ Standard 0605-300-XII/2019)
CULTIVARS: Improved cultivars, 65% or more TWCA and/or A-LIST certified
SEED: Use of certified seed
SOIL TYPE: Loam to sandy loam
MATURITÉ : Fully mature sod, on average 24 months old
SLAB THICKNESS: 6 to 20 mm, excluding thatch
MOWING HEIGHT: 80 to 100 mm
FORMAT : 2 ft × 5 ft

GROWN WITH PASSION

We offer you the highest-performing cultivars on the market, perfectly adapted to our Québec climate. We select our cultivars rigorously, based on the results of our own trials as well as those of our collaborators.

Certain conditions apply. Contact us for more information.

RÉV. 31/12/2025

VERT À VIE™ LOW MAINTENANCE

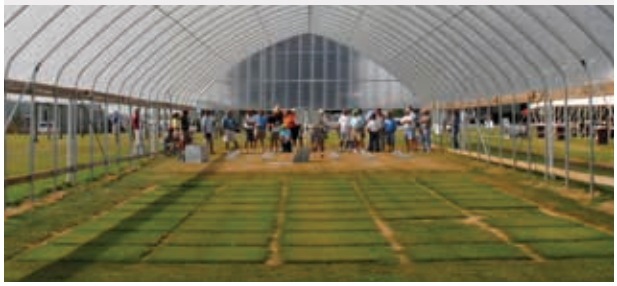
WATER-SAVING CERTIFICATION

- Ideal for projects without irrigation (**once the lawn is fully established**).
- This certification ensures that more than 65% of the cultivars used in the mix have demonstrated increased drought tolerance through trials conducted by non-profit organizations such as A-List (Alliance for Low Input Sustainable Turf) and TWCA (Turfgrass Water Conservation Alliance).
- Certified Water-Saving varieties:
  - will stay green longer before entering dormancy during a prolonged drought. With a shorter dormancy period, users will be less tempted to reach for the garden hose!
  - will regain vigor and return to their green colour more quickly after the next rainfall (in Québec, precipitation generally provides 90% of the plant's water needs).
  - require 30% to 50% less water, as demonstrated in research conducted by the TWCA..
- Lawns that stay green longer also contribute to an ecosystem that produces more photosynthesis, acts more effectively against heat islands, better tolerates foot traffic, and is less likely to be attacked by insects or diseases or invaded by weeds.
- For more information, visit the TWCA and A-List websites.

WATER SAVER = TWCA + A-LIST

After 35 days without irrigation, the highest-performing cultivars will maintain their green colour (once well established):

At the test sites, tents are installed over the plots to simulate long periods of drought:



SUSTAINABLE LAWN

An ecological lawn also means high-quality topsoil in sufficient quantity, the absence of compaction, higher mowing, thoughtful fertilization, grass-cycling, and increased tolerance to dormancy and the presence of weeds. For more information, consult the BNQ installation standards and the "Sustainable Lawn" website (created by the Quebec Sod Producers Association).

BIODIVERSITY & BENEFITS OF TURFGRASS

Trees, shrubs, perennials, and grassy areas all contribute, in their own way, to increasing the biodiversity of our living environments. The grass species found in our lawns are very similar to those present in natural prairies. These environments help maintain healthy soils by increasing their organic matter content and reducing risks of compaction, erosion, or runoff. They act as an ultra-efficient sponge during heavy rainfall and host numerous microorganisms, insects, and animals, in addition to being considered excellent carbon sinks.

A lawn kept longer and/or composed of multiple species will have an even more positive impact on the environment. In addition, pest attacks, disease incidence, and climate stress will be reduced in a more biodiverse environment. The presence of flowers will attract pollinating insects, which are essential to life. A rich ecosystem also improves resilience to extreme weather events such as flooding. Lastly, lawns act like natural air conditioners by keeping the air cool, contribute to water conservation, help control invasive species, and reduce habitat fragmentation. Click here to learn more about the benefits of a sustainable lawn.

REGENERATIVE AGRICULTURE

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GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET

VERT À VIE™ BIODIVERSITY

This highly ecological sod is composed of a multitude of species, such as turf grasses, groundcovers, and wildflowers. It increases biodiversity and is ideal for re-naturalizing land, improving its ecological value, and promoting a diversity of insects and animals.

PESTICIDE-FREE

DESCRIPTION

- Mix of various species such as fine fescues, Kentucky bluegrass, clover, bird's-foot trefoil, yarrow, black medic, ryegrass, etc.
- Variation over time in the mix and proportions of species depending on light conditions, soil, and the type of maintenance regime applied
- Use of innovative soil-conservation cultivation methods
- Produced with greater respect for the environment and agricultural workers
- Native species and/or species adapted to our climatic conditions
- Very high biodiversity
- Tolerates drought, diseases, and insect attacks
- Tolerates moderate foot traffic
- Attracts pollinating insects and others
- Could transform into a wildflower meadow if mowing is spaced out
- Likely presence of attractive colours throughout the season depending on species and their respective blooming periods
- Since this product is not treated with chemical herbicides, a certain percentage of weeds may be present
- Perfect for site re-naturalization, earning LEED points, or meeting any other eco-friendly certification

USES

Park, roadside, cemetery, rest area, public square, wildflower meadow, site re-naturalization or LEED/eco-friendly project, biodiversity island, vegetated swale, differentiated mowing.

TECHNICAL SPECIFICATIONS

SPECIES: Constantly evolving
CLASSIFICATION: Equivalent to Type D (BNQ 0605-300-XII/2019)
CULTIVARS: Improved cultivars or natural species
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SLAB THICKNESS: 6 to 20 mm, excluding thatch
MOWING HEIGHT: 80 to 100 mm
FORMAT: 2 ft x 5 ft

GROWN WITH PASSION

We offer you the highest-performing cultivars on the market, perfectly adapted to our Québec climate.
We select our cultivars rigorously, based on the results of our own trials as well as those of our collaborators.

Certain conditions apply. Contact us for more information.

RÉV. 07/07/2025

VERT À VIE™ BIODIVERSITY

SUSTAINABLE LAWN

An ecological lawn also means high-quality topsoil in sufficient quantity, the absence of compaction, higher mowing, thoughtful fertilization, grass-cycling, and increased tolerance to dormancy and the presence of weeds. For more information, consult the BNQ installation standards and the "Sustainable Lawn" website (created by the Quebec Sod Producers Association).

BIODIVERSITY & BENEFITS OF TURFGRASS

Trees, shrubs, perennials, and grassy areas all contribute, in their own way, to increasing the biodiversity of our living environments. The grass species found in our lawns are very similar to those present in natural prairies. These environments help maintain healthy soils by increasing their organic matter content and reducing risks of compaction, erosion, or runoff. They act as an ultra-efficient sponge during heavy rainfall and host numerous microorganisms, insects, and animals, in addition to being considered excellent carbon sinks.

A lawn kept longer and/or composed of multiple species will have an even more positive impact on the environment. In addition, pest attacks, disease incidence, and climate stress will be reduced in a more biodiverse environment. The presence of flowers will attract pollinating insects, which are essential to life. A rich ecosystem also improves resilience to extreme weather events such as flooding. Lastly, lawns act like natural air conditioners by keeping the air cool, contribute to water conservation, help control invasive species, and reduce habitat fragmentation. Click here to learn more about the benefits of a sustainable lawn.

REGENERATIVE AGRICULTURE

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GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET

VERT À VIE™ BIODIVERSITY ORGANIC

This highly ecological sod is grown under organic management. It is fertilized exclusively with 100% certified organic fertilizer. It is composed of a multitude of species, such as turf grasses, groundcovers, and wildflowers. It increases biodiversity and is ideal for re-naturalizing a property, improving its ecological value, and promoting a diversity of insects and animals.

PESTICIDE-FREE

DESCRIPTION

- Mix of various species such as fine fescues, Kentucky bluegrass, clover, bird's-foot trefoil, yarrow, black medic, ryegrass, etc.
- Variation over time in the mix and proportion of species depending on light exposure, soil conditions, and the type of maintenance regime applied
- Grown under organic management for more than 3 years
- Use of innovative soil conservation cultivation methods
- Produced with greater respect for the environment and agricultural workers
- Native species and/or species adapted to our climate
- Very high biodiversity
- Tolerates drought, diseases, and insect attacks
- Tolerates moderate foot traffic
- Attracts pollinating insects and others
- Can turn into a wildflower meadow if mowing is spaced out
- Likely presence of lovely colours throughout the season depending on present species and their respective blooming periods
- Since this product is not treated with chemical herbicides, a certain percentage of weeds may be found
- Perfect for site re-naturalization, for obtaining LEED points, or for meeting any other eco-friendly certification

USES

Park, roadside, cemetery, rest area, public square, wildflower meadow, site renaturalization or LEED/eco-friendly project, biodiversity island, vegetated swale, differentiated mowing.

TECHNICAL SPECIFICATIONS

SPECIES: Constantly evolving
CLASSIFICATION: Equivalent to Type D (BNQ 0605-300-XII/2019)
CULTIVARS: Improved cultivars or natural species
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SLAB THICKNESS: 6 to 20 mm excluding thatch
MOWING HEIGHT: 80 to 100 mm
FORMAT: 2 ft x 5 ft

GROWN WITH PASSION

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NTEP APGQ TPI

Certain conditions apply. Contact us for more information.

RÉV. 31/12/2025

VERT À VIE™ BIODIVERSITY ORGANIC

SUSTAINABLE LAWN

An ecological lawn also means high-quality topsoil in sufficient quantity, the absence of compaction, higher mowing, thoughtful fertilization, grass-cycling, and increased tolerance to dormancy and the presence of weeds. For more information, consult the BNQ installation standards and the "Sustainable Lawn" website (created by the Quebec Sod Producers Association).

BIODIVERSITY & BENEFITS OF TURFGRASS

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GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET

VERT À VIE™ PRESTIGE

Carefully selected by our production manager from the optimal sections of our Kentucky bluegrass fields, the Prestige is a guarantee of superior quality. In addition, this "Water-Saving" certified sod stays green longer during drought conditions, thereby reducing water waste. For those who want nothing but the best!

WATER SAVER

DESCRIPTION

- Carefully selected by our production manager
- Blend of high-performing Kentucky bluegrass cultivars certified "Water-Saving", requiring up to 50% less water once fully established
- Superior-quality sod
- Dark green colour, very dense and uniform
- Leaf texture: medium
- Extremely hardy in our climatic conditions
- Excellent tolerance to foot traffic
- Self-regenerating through rhizome production
- Perfect for clients committed to water conservation, for earning LEED points, or meeting any other eco-friendly certification requirements

USES

Residential, commercial, municipal, LEED or eco-friendly project, golf

TECHNICAL SPECIFICATIONS

SPECIES: 100% Kentucky bluegrass (*Poa pratensis*)
QUALITY NO. 1: This product exceeds the BNQ standard requirements for sod quality
CLASSIFICATION: Type A (BNQ Standard 0605-300-XII/2019)
CULTIVARS: Improved cultivars, TWCA and/or A-LIST certified at 65% or more
SEED: Use of certified seed
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SOD THICKNESS: 6 to 20 mm excluding thatch
MOWING HEIGHT: 50 to 75 mm
FORMAT: 2 ft x 5 ft

GROWN WITH PASSION

We offer you the highest-performing cultivars on the market, perfectly adapted to our Québec climate. We select our cultivars rigorously, based on the results of our own trials as well as those of our collaborators.

Certain conditions apply. Contact us for more information.

VERT À VIE™ PRESTIGE

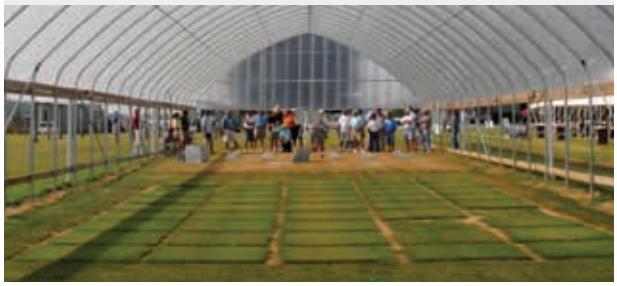
WATER-SAVING CERTIFICATION

- Ideal for projects without irrigation (**once the lawn is fully established**).
- This certification ensures that more than 65% of the cultivars used in the mix have demonstrated increased drought tolerance through trials conducted by non-profit organizations such as A-List (Alliance for Low Input Sustainable Turf) and TWCA (Turfgrass Water Conservation Alliance).
- Certified Water-Saving varieties:
  - will stay green longer before entering dormancy during a prolonged drought. With a shorter dormancy period, users will be less tempted to reach for the garden hose!
  - will regain vigor and return to their green colour more quickly after the next rainfall (in Québec, precipitation generally provides 90% of the plant's water needs).
  - require 30% to 50% less water, as demonstrated in research conducted by the TWCA..
- Lawns that stay green longer also contribute to an ecosystem that produces more photosynthesis, acts more effectively against heat islands, better tolerates foot traffic, and is less likely to be attacked by insects or diseases or invaded by weeds.
- For more information, visit the TWCA and A-List websites.

WATER SAVER = TWCA + A-LIST

After 35 days without irrigation, the highest-performing cultivars will maintain their green colour (once well established):

At the test sites, tents are installed over the plots to simulate long periods of drought:



SUSTAINABLE LAWN

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BIODIVERSITY & BENEFITS OF TURFGRASS

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GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET

VERT À VIE™ FOOT TRAFFIC

This 100% Kentucky bluegrass lawn is ideal for areas with heavy foot traffic. The Foot traffic blend is composed of different cultivars that produce aggressive rhizomes, giving it excellent trampling resistance and strong regeneration capacity. In addition, this 'Water-Saving' certified lawn stays green longer during drought, thereby reducing water waste.

WATER SAVER

DESCRIPTION

- 100% Kentucky bluegrass
- Blend of high-performing Kentucky bluegrass cultivars certified 'Water-Saving,' requiring up to 50% less water once fully established
- **Above-average** density
- **Blend of 4 or 5 carefully selected cultivars for intensive use:**
  - Excellent tolerance to foot traffic
  - 10 to 20% of cultivars from the Aggressive family for faster regeneration thanks to competitive rhizomes
- Good drought tolerance
- Good disease tolerance
- Leaf texture: medium
- Extremely hardy under our climatic conditions
- Perfect for customers concerned about water conservation, for earning LEED points, or for meeting any other eco-friendly certification requirements.

USES

Park, pedestrian area, schoolyard, public square, or LEED or eco-friendly project.

TECHNICAL SPECIFICATIONS

SPECIES: 100% Kentucky bluegrass (*Poa pratensis*)
QUALITY NO. 1: This product exceeds the BNQ standards for sod quality
CLASSIFICATION: Type A (BNQ Standard 0605-300-XII/2019)
CULTIVARS: Blend of 4 or 5 improved cultivars from different families, TWCA and/or A-LIST certified at 65% or more
SEED: Use of certified seed
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SOD THICKNESS: 6 to 20 mm excluding thatch
MOWING HEIGHT: 50 to 75 mm
FORMAT: 2 ft x 5 ft"

GROWN WITH PASSION

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Certain conditions apply. Contact us for more information.

VERT À VIE™ FOOT TRAFFIC

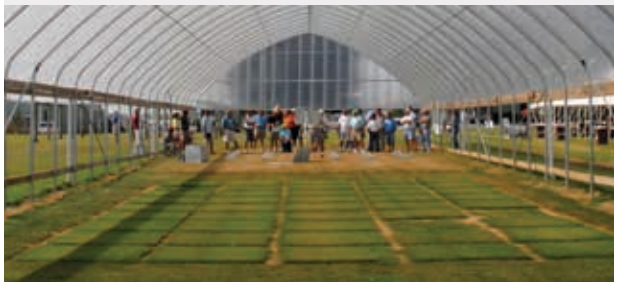
WATER-SAVING CERTIFICATION

- Ideal for projects without irrigation (**once the lawn is fully established**).
- This certification ensures that more than 65% of the cultivars used in the mix have demonstrated increased drought tolerance through trials conducted by non-profit organizations such as A-List (Alliance for Low Input Sustainable Turf) and TWCA (Turfgrass Water Conservation Alliance).
- Certified Water-Saving varieties:
  - will stay green longer before entering dormancy during a prolonged drought. With a shorter dormancy period, users will be less tempted to reach for the garden hose!
  - will regain vigor and return to their green colour more quickly after the next rainfall (in Québec, precipitation generally provides 90% of the plant's water needs).
  - require 30% to 50% less water, as demonstrated in research conducted by the TWCA..
- Lawns that stay green longer also contribute to an ecosystem that produces more photosynthesis, acts more effectively against heat islands, better tolerates foot traffic, and is less likely to be attacked by insects or diseases or invaded by weeds.
- For more information, visit the TWCA and A-List websites.

WATER SAVER = TWCA + A-LIST

After 35 days without irrigation, the highest-performing cultivars will maintain their green colour (once well established):

At the test sites, tents are installed over the plots to simulate long periods of drought:



SUSTAINABLE LAWN

An ecological lawn also means high-quality topsoil in sufficient quantity, the absence of compaction, higher mowing, thoughtful fertilization, grass-cycling, and increased tolerance to dormancy and the presence of weeds. For more information, consult the BNQ installation standards and the "Sustainable Lawn" website (created by the Quebec Sod Producers Association).

BIODIVERSITY & BENEFITS OF TURFGRASS

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GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET

VERT À VIE™ SPORT

The Sportif is ideal for playing surfaces where foot traffic is intensive. This 100% Kentucky bluegrass sod is grown in sandy soil to better adapt to sports fields. It features a cushioned thatch layer that provides a safe playing surface. Its density is increased and suited to a short mowing regime. In addition, this "Water-Saving" certified sod stays green longer during drought conditions, thereby reducing water waste.

WATER SAVER

DESCRIPTION

- 100% Kentucky bluegrass
- Blend of high-performing Kentucky bluegrass cultivars certified "Water-Saving", requiring up to 50% less water once fully established
- **Maximum** density
- Presence of a thick thatch layer to increase player comfort and safety
- **Blend of 4 or 5 meticulously selected cultivars for intensive use:**
  - Excellent tolerance to heavy foot traffic
  - 10 to 20% cultivars from the Aggressive family, ensuring faster regeneration thanks to competitive rhizomes
- Good drought tolerance
- Early spring green-up and late fall colour retention, allowing for an extended playing season
- Adapted to **shorter mowing heights** and intensive maintenance programs (NTEP Schedule "A")
- Leaf texture: medium
- Extremely hardy in our climatic conditions
- Perfect for clients committed to water conservation, for achieving LEED credits, or meeting any other eco-friendly certification requirements

GAZON GÉANT™

The Sportif is available in regular rolls (2 ft x 5 ft) or in large rolls. The Gazon Géant™ (30 in x up to 120 ft) is ideal for covering large areas while reducing the number of seams.

USES

Sports fields, golf courses, or LEED/eco-friendly projects

INTENSIVE MAINTENANCE

To preserve the long-term quality of this turf, it must receive proper care such as irrigation, mowing, fertilization, aeration, topdressing, and overseeding. The field must drain adequately, and intensive use should be avoided when conditions are not favorable. If needed, consult a specialist or refer to the "Maintenance of a Natural Turf Surface" section of the Outdoor Soccer Field Construction and Maintenance Guide.

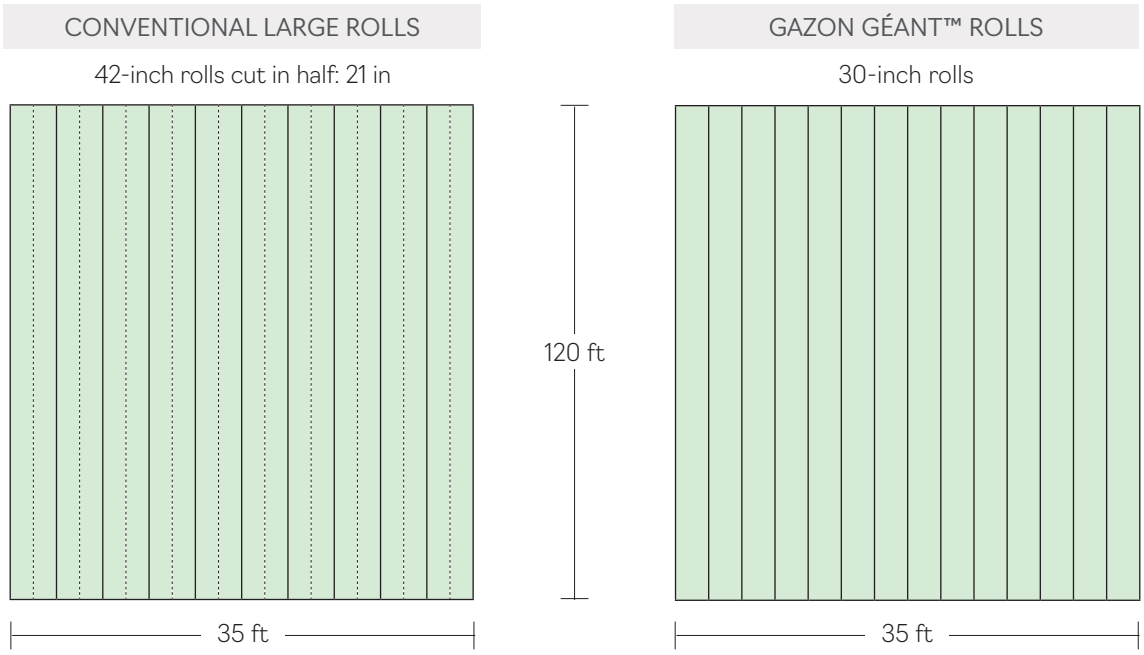
TECHNICAL SPECIFICATIONS

SPECIES: 100% Kentucky bluegrass (*Poa pratensis*)
QUALITY NO. 1: This product exceeds the BNQ quality requirements for sod
CLASSIFICATION: Type A (BNQ Standard 0605-300-XII/2019)
CULTIVARS: Blend of 4 or 5 improved cultivars from different families, TWCA and/or A-LIST certified at 65% or more
SEED: Use of certified seed
SOIL TYPE: Sand to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SLAB THICKNESS: 6 to 20 mm, excluding thatch
MOWING HEIGHT: 35 to 50 mm
FORMAT: Regular (2 ft x 5 ft) or Gazon Géant™ (30 in x up to 120 ft)

VERT À VIE™ SPORT

GAZON GÉANT™

- Dimensions: 30 in x up to 120 ft
- 28% fewer seams than surfaces covered with conventional large rolls, allowing the field to be usable more quickly



21 seams: 2,590 linear ft

15 seams : 1870 linear ft

28% difference in the total amount of seams in linear feet

GROWN WITH PASSION

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Certain conditions apply. Contact us for more information.

RÉV. 31/12/2025

VERT À VIE™ SPORT

WATER-SAVING CERTIFICATION

- Ideal for projects without irrigation (**once the lawn is fully established**).
- This certification ensures that more than 65% of the cultivars used in the mix have demonstrated increased drought tolerance through trials conducted by non-profit organizations such as A-List (Alliance for Low Input Sustainable Turf) and TWCA (Turfgrass Water Conservation Alliance).
- Certified Water-Saving varieties:
  - will stay green longer before entering dormancy during a prolonged drought. With a shorter dormancy period, users will be less tempted to reach for the garden hose!
  - will regain vigor and return to their green colour more quickly after the next rainfall (in Québec, precipitation generally provides 90% of the plant's water needs).
  - require 30% to 50% less water, as demonstrated in research conducted by the TWCA..
- Lawns that stay green longer also contribute to an ecosystem that produces more photosynthesis, acts more effectively against heat islands, better tolerates foot traffic, and is less likely to be attacked by insects or diseases or invaded by weeds.
- For more information, visit the TWCA and A-List websites.

WATER SAVER = TWCA + A-LIST

After 35 days without irrigation, the highest-performing cultivars will maintain their green colour (once well established):

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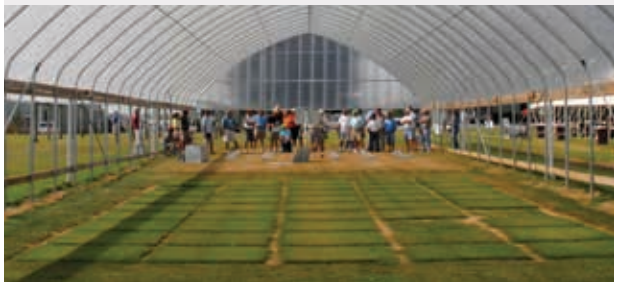

SUSTAINABLE LAWN

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BIODIVERSITY & BENEFITS OF TURFGRASS

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GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET

VERT À VIE™ SHADED

The Shade Mix is composed of a blend of various fine fescue and Kentucky bluegrass cultivars selected for their increased tolerance to partial shade. To maintain its quality, at least 4 hours of sunlight per day are recommended. In addition, this "Water-Saving" certified turf stays green longer during drought, helping reduce water waste.

WATER SAVER

DESCRIPTION

- Blend of various high-performing Kentucky bluegrass cultivars (± 50%) and fine fescues (± 50%) certified "Water-Saving," requiring up to 50% less water once fully established
- Tolerates partial shade (4 hours or more of sunlight per day) thanks to the presence of fine fescues and the careful selection of Kentucky bluegrass cultivars with improved shade tolerance
- Presence of fescues:
    - Enter dormancy later during drought
    - Withstand moderate foot traffic
- Note: No grass species can tolerate 100% shade (in such cases, a groundcover is recommended instead)
- The use of endophytic seeds helps turf withstand stresses such as drought, disease, or attacks from certain leaf-feeding insects
- Leaf texture: Mixed
- The blend and proportion of species may vary over time depending on light exposure, site conditions, and the maintenance program applied
- Perfect for clients concerned about water conservation, for earning LEED points, or for meeting any other eco-friendly certification requirements

USES : Partial shade: commercial, residential, municipal, or LEED/eco-friendly project

MAINTENANCE: A higher mowing height (80 to 100 mm) and good air circulation will help keep shaded turf healthy and free of disease. Shaded turf will also require less irrigation due to its lower evapotranspiration rate.

TECHNICAL SPECIFICATIONS

SPECIES: 50% Kentucky bluegrass (*Poa pratensis*), 30% strong creeping red fescue (*Festuca rubra ssp. rubra*), 10% chewings fescue (*Festuca rubra ssp. commutata*), 10% hard fescue (*Festuca trachyphylla*)
QUALITY NO 1: This product exceeds the BNQ quality requirements for sod rolls
CLASSIFICATION : Type C (BNQ Standard 0605-300-XII/2019)
CULTIVARS : Improved cultivars, TWCA and/or A-LIST certified at 65% or more
SEED: Use of certified seed
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SOD THICKNESS: 6 to 20 mm excluding thatch
MOWING HEIGHT: 80 to 100 mm
FORMAT: 2 ft × 5 ft

GROWN WITH PASSION

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RÉV. 31/12/2025

VERT À VIE™ SHADED

WATER-SAVING CERTIFICATION

- Ideal for projects without irrigation (**once the lawn is fully established**).
- This certification ensures that more than 65% of the cultivars used in the mix have demonstrated increased drought tolerance through trials conducted by non-profit organizations such as A-List (Alliance for Low Input Sustainable Turf) and TWCA (Turfgrass Water Conservation Alliance).
- Certified Water-Saving varieties:
  - will stay green longer before entering dormancy during a prolonged drought. With a shorter dormancy period, users will be less tempted to reach for the garden hose!
  - will regain vigor and return to their green colour more quickly after the next rainfall (in Québec, precipitation generally provides 90% of the plant's water needs).
  - require 30% to 50% less water, as demonstrated in research conducted by the TWCA..
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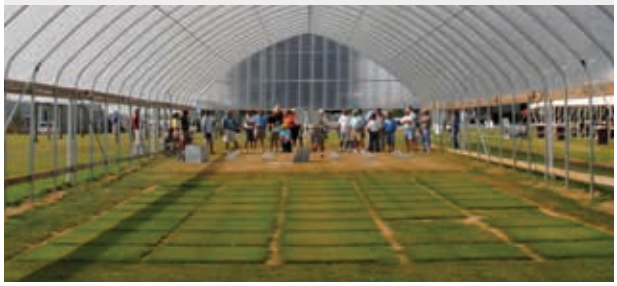

SUSTAINABLE LAWN

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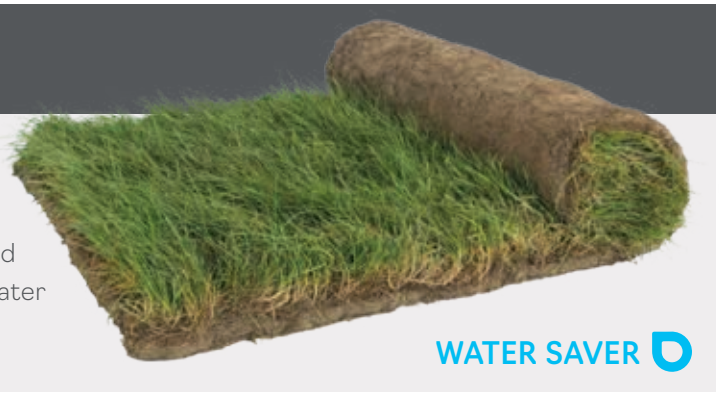
GROUPE RICHER GAZON RICHER

TECHNICAL DATASHEET

VERT À VIE™ FESCUE



Fescue grass is ideal for no-mow or low-maintenance projects, for small slopes, ditches, unmanaged woodland edges, or partial shade areas. In addition, this "Water-Saving" certified grass stays green longer during drought, helping reduce water waste. Let it grow for a naturalized look!

WATER SAVER

DESCRIPTION

- Composed of 100% fine fescue species, including 4 "Water-Saving" certified varieties requiring up to 50% less water once fully established
- Includes some native species
- Can be mowed only a few times per season for a naturalized look
- May require irrigation during extended drought periods to keep the crown hydrated and prevent loss of density
- Enters dormancy later during drought
- Requires less fertilization **once fully established**
- Suitable only for areas with light foot traffic
- Fine fescues do not have the ability to self-regenerate; overseeding may therefore be necessary when needed
- The use of endophytic seeds helps turf withstand stress such as drought, disease, or damage from certain leaf-feeding insects
- Tolerates partial shade (4 hours or more of sunlight per day)
- Note: No grass species can tolerate 100% shade (in such cases, a groundcover is recommended instead)
- Leaf texture: Fine
- Perfect for clients concerned about water conservation, for achieving LEED points, or for meeting other eco-friendly certifications

ESTABLISHMENT: Fine fescues do not produce rhizomes, unlike Kentucky bluegrass, so they may root more slowly. Irrigation must therefore be maintained until the roots are well established (you can check this by lifting the corner of a sod piece).

USES : Fine fescue projects, no-mow areas, naturalized sites, long grass on golf courses, green roofs, partial shade, or LEED/eco-friendly projects.

TECHNICAL SPECIFICATIONS

SPECIES: Strong creeping red fescue (*Festuca rubra ssp. rubra*), chewings fescue (*Festuca rubra ssp. commutata*), hard fescue (*Festuca trachyphylla*), slender creeping red fescue (*Festuca rubra ssp. litoralis*)
QUALITY NO.1 : This product exceeds the BNQ quality requirements for sod rolls
CLASSIFICATION: Type B (BNQ Standard 0605-300-XII/2019)
CULTIVARS: Improved cultivars, TWCA and/or A-LIST certified at 65% or more
SEED: Use of certified seed
SOIL TYPE: Loam to sandy loam
MATURITY: Fully mature sod, on average 24 months old
SOD THICKNESS: 6 to 20 mm excluding thatch
MOWING HEIGHT: 80 to 100 mm
FORMAT: 2 ft × 5 ft

GROWN WITH PASSION

We offer you the highest-performing cultivars on the market, perfectly adapted to our Québec climate. We select our cultivars rigorously, based on the results of our own trials as well as those of our collaborators.

Certain conditions apply. Contact us for more information.

RÉV. 12/31/2025

VERT À VIE™ FESCUE

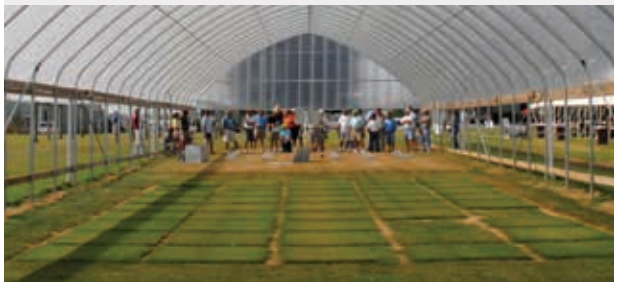
WATER-SAVING CERTIFICATION

- Ideal for projects without irrigation (**once the lawn is fully established**).
- This certification ensures that more than 65% of the cultivars used in the mix have demonstrated increased drought tolerance through trials conducted by non-profit organizations such as A-List (Alliance for Low Input Sustainable Turf) and TWCA (Turfgrass Water Conservation Alliance).
- Certified Water-Saving varieties:
  - will stay green longer before entering dormancy during a prolonged drought. With a shorter dormancy period, users will be less tempted to reach for the garden hose!
  - will regain vigor and return to their green colour more quickly after the next rainfall (in Québec, precipitation generally provides 90% of the plant's water needs).
  - require 30% to 50% less water, as demonstrated in research conducted by the TWCA..
- Lawns that stay green longer also contribute to an ecosystem that produces more photosynthesis, acts more effectively against heat islands, better tolerates foot traffic, and is less likely to be attacked by insects or diseases or invaded by weeds.
- For more information, visit the TWCA and A-List websites.

WATER SAVER = TWCA + A-LIST

After 35 days without irrigation, the highest-performing cultivars will maintain their green colour (once well established):

At the test sites, tents are installed over the plots to simulate long periods of drought:



SUSTAINABLE LAWN

An ecological lawn also means high-quality topsoil in sufficient quantity, the absence of compaction, higher mowing, thoughtful fertilization, grass-cycling, and increased tolerance to dormancy and the presence of weeds. For more information, consult the BNQ installation standards and the "Sustainable Lawn" website (created by the Quebec Sod Producers Association).

BIODIVERSITY & BENEFITS OF TURFGRASS

Trees, shrubs, perennials, and grassy areas all contribute, in their own way, to increasing the biodiversity of our living environments. The grass species found in our lawns are very similar to those present in natural prairies. These environments help maintain healthy soils by increasing their organic matter content and reducing risks of compaction, erosion, or runoff. They act as an ultra-efficient sponge during heavy rainfall and host numerous microorganisms, insects, and animals, in addition to being considered excellent carbon sinks.

A lawn kept longer and/or composed of multiple species will have an even more positive impact on the environment. In addition, pest attacks, disease incidence, and climate stress will be reduced in a more biodiverse environment. The presence of flowers will attract pollinating insects, which are essential to life. A rich ecosystem also improves resilience to extreme weather events such as flooding. Lastly, lawns act like natural air conditioners by keeping the air cool, contribute to water conservation, help control invasive species, and reduce habitat fragmentation. Click here to learn more about the benefits of a sustainable lawn.

REGENERATIVE AGRICULTURE

Many scientists agree that regenerative agriculture is one of the solutions to fight climate change. At Groupe Richer, for about ten years, our agronomy team has been adopting new, more eco-friendly cultivation methods aimed, among other things, at capturing carbon from the air and storing it in our soils. Click here to learn more about regenerative agriculture.