

Professional Turf Grass Seeds

www.icl-sf.com

ICL
Where needs take us



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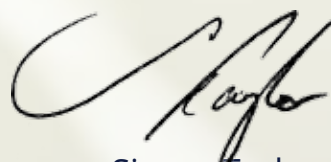
Professional turf management is changing rapidly, responding to increasing budgetary and environmental pressures.

Yet turf managers consistently strive to produce the best performing turf surfaces for their facilities.

ICL can help by providing a combination of appropriate seed products, tailored nutrition, plant protection and technical support.

We advocate an integrated approach to turf management through iTurf and have a comprehensive range of seed solutions to meet your individual needs and aspirations.

On behalf of ICL, I wish you every success in managing high-quality sports surfaces.



Simon Taylor

*Product & Business Development Manager
EMEA Grass Seeds,
ICL-Specialty Fertilizers*

Seed testing Programme

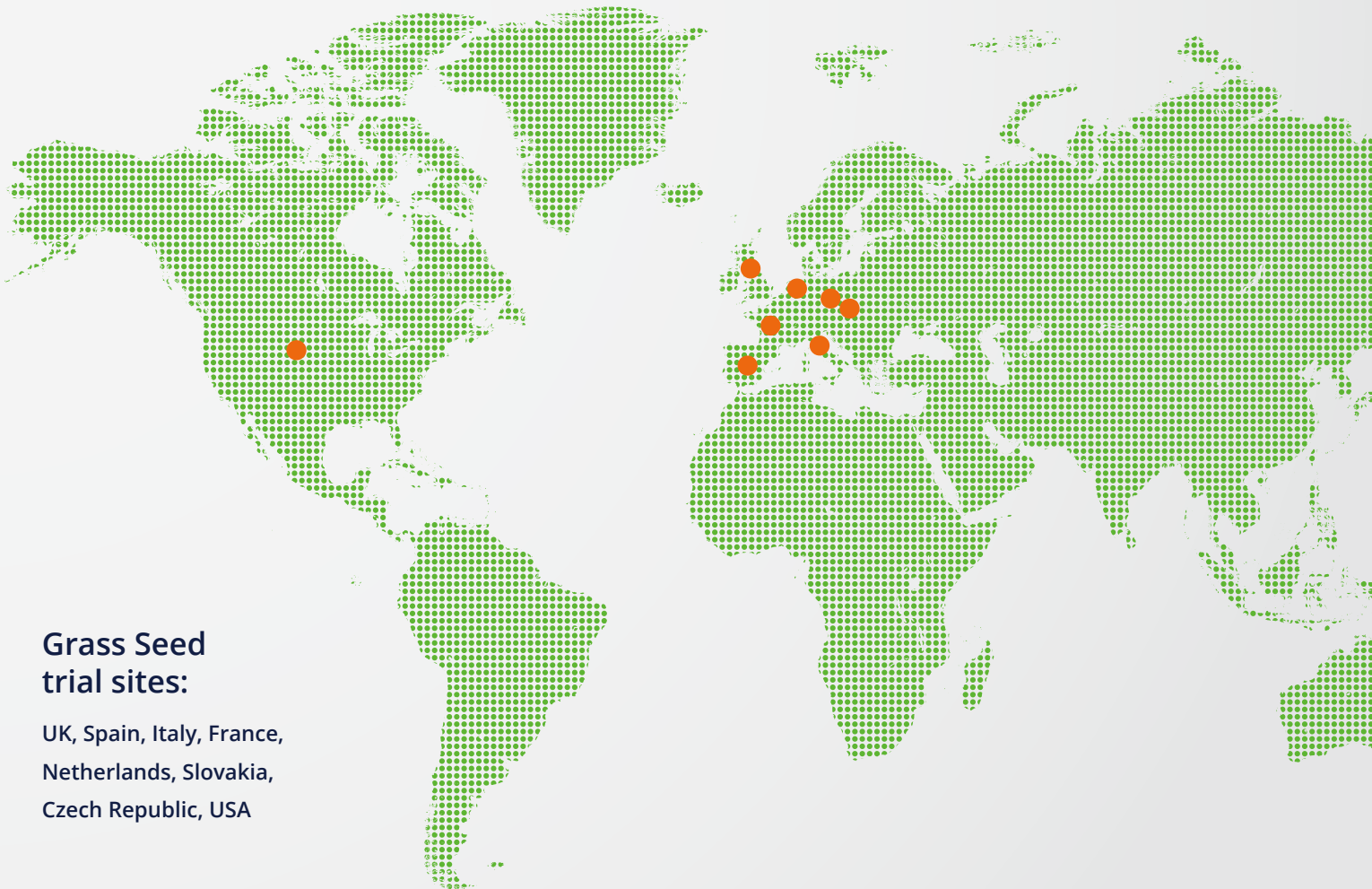
Developing turf grass varieties that perform well is essential to the performance and sustainability of natural turf surfaces. ICL has developed an easy reference system using icons to assist turf managers when choosing the appropriate blends and varieties for their own situations.

Our grass seed evaluation programme offers one of the most diverse varietal portfolios in the professional turf sector, catering for varying climatic conditions and management approaches.

We take a dual approach to variety selection, sourcing the best available from European and American-bred, cool and warm season genetics.

No matter what the demands: wear, heat, salinity, shade or diseases, ICL has the solution.

Seed purity and performance are the foundations of integrated turf management programmes.



Grass Seed trial sites:

UK, Spain, Italy, France,
Netherlands, Slovakia,
Czech Republic, USA



Have no fear.

When only the best will do

Grass seeds Icons System

To achieve an accurate evaluation of a grass variety's performance, independent screening trials are conducted to identify key characteristics. The ICL grass seed icon system highlights varieties that excel. These are blended to create seed mixtures with all-round performance to suit all situations and locations.

What the icons mean:



Wear tolerance

Able to withstand intensive wear with good recovery. Suitable for sports stadia, training grounds and any areas under intensive use.



Cold tolerance

Low temperature germination and growth. Suitable for early and late season conditions where low ground/air temperatures are experienced.



Shade tolerance

Performs well in low light levels. Suitable in stadia, building surrounds or in natural shade created by trees.



Brown Patch

Rhizoctonia (Brown patch) can affect most cool season turf grasses. This icon indicates the varieties and blends with improved resistance.



Visual merit

An overall combination of grass sward quality taking into account year-round colour, shoot density, disease resistance and leaf texture.



Drought tolerance

Tolerance to high temperatures and drought. Suitable for areas with limited water resources or where high temperatures restrict the range of species that can be grown.



Low maintenance

A characteristic that encompasses all aspects of turf management that reduce inputs. This includes reduced clipping yields for less mowing, as well as lower nutritional, water, and disease control requirements.



Salt tolerance

Tolerance of salinity. Suitable for coastal locations with naturally higher salinity and facilities using irrigation drawn from sources with high salinity levels.



Disease tolerance

Higher natural tolerance to the common turf diseases.



Sod (turf) quality

Blends that are free from contamination with other grasses and weeds.

ProSelect Turf Grass seed blends

ProSelect turfgrass seed blends have been developed for use on golf courses, sports fields, in turf/sod production. Varieties in the range are developed through extensive breeding by ICL and its international partners to bring the most up-to-date material to the market. This synergy provides continuous development and improvement to our blends.

- Specially blended for professional use
- Country-specific blends recognising regional variation
- Formulated with the most up-to-date varieties from our extensive portfolio
- Independently tested with outstanding levels of purity and germination
- Backed up by local technical support as part of an ICL iTurf programme

Grass Seed Blends Index

ProSelect®	Performance	Golf				Sports				SOD	Page
		Greens	Fairways	Tees	Roughs	Sports stadia	Training grounds	Racecourses	Outfields & Lawns	SOD	
Speed Germ				✓		✓	✓	✓	✓		8
Renovator Light						✓	✓	✓	✓		9
Strong						✓	✓	✓	✓	✓	9
Sport Plus				✓		✓	✓	✓	✓	✓	10
Renovator 3GLSD			✓	✓		✓	✓	✓	✓		11
Extra Fine			✓	✓					✓		11
Double Game			✓	✓		✓	✓		✓	✓	12
Stadium RZ						✓	✓	✓	✓	✓	13
Renovator SLT				✓		✓	✓	✓	✓		13
Thermal Force						✓	✓	✓	✓	✓	14
Speeder Sport			✓				✓		✓		15
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Regenerator Plus			✓			✓	✓	✓	✓		17
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Sport 1			✓			✓	✓	✓	✓		18
Premium Pitch				✓		✓	✓	✓	✓		19
Tees/Fairway			✓	✓					✓		19
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Greens 80/20		✓	✓								21
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Municipal Sport							✓		✓		23
All-Bent		✓	✓								23
Tee Premium				✓							24
Fine Turf 1		✓	✓								25

All varieties are subject to availability. We reserve the right to substitute with equivalent material.

Visit www.icl-sf.com to view our full grass seed portfolio.
Select your local country site to find out more about the seeds varieties and blends appropriate for your region.

**GOLF****SPORTS****AVG SOWING RATE: 32.5 g/m²
MOWING HEIGHT: 25 - 30 mm****SEED VARIETIES**

- 100% Lolium perenne Agreement, Vermillion

Extended seasonal use

Speed Germ is a low temperature Perennial ryegrass blend which has excellent performance for renovation of sports and lawn both in early and late season when ground temperature are starting to fall.

Speed Germ consists of two fine-leaved mid green Perennial ryegrasses which are characterised by rapid germination and establishment in temperature down to 3 degrees centigrade, enabling Speed Germ to be used for a longer seasonal period.

Both Agreement and Vermio Perennial ryegrass are on the French National list highly ranked for rapid installation. Agreement possesses low temperature germination. Vermio offers excellent wear characteristic under intensive sports use as well as superior disease tolerance. Excellent disease tolerance.

Advantages

1.
Excellent
disease
tolerance

2.
Late season /
winter
overseeding

3.
High wear
resistance

4.
Mid-green
colour

Germination from as low as 3° C



ProSelect® Renovator Light

Good disease tolerance to rust

Renovator Light is a blend of fast establishing Perennial ryegrasses for renovation of sports turf and lawn/landscaping area. Light to mid green in colour, this blend is ideal for those facilities wishing to minimise the contrast between the existing and new grasses. In addition, ProSelect Renovator Light combines the attributes of wear tolerance, recovery and disease resistance.



SPORTS

AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 15 - 40 mm

SEED VARIETIES

- 100% Lolium perenne
Groundforce, Coletta, Verity

Advantages



ProSelect Blends

ProSelect® Strong

Very good winter behavior

Strong is specially developed for the creation of quality lawns subject to high stress. Resistance to extreme conditions: high temperatures, minimal water or excessive moisture Strong ProSelect makes an ideal blend for sports fields and lawns.



SPORTS

SOD

AVG SOWING RATE: 27,5 g/m²

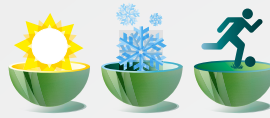
SEED VARIETIES

- 10% Lolium perenne
Equate
- 10% Poa pratensis hybrid
Heatmaster Smart Start
- 80% Festuca arundinacea
Spyder LS, Avenger

Advantages



ProSelect[®] Sport Plus



GOLF

SPORTS

SOD

AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 20 - 30 mm

SEED VARIETIES

- 70% Lolium perenne
Pronto, Equate
- 30% Poa pratensis hybrid
Heatmaster Smart Start
Thermal blue Smart Start

Fast establishing and aggressive rooting

ProSelect Sport Plus is a mixture for sports fields being highly suitable for both new seeding and overseeding. ProSelect Sport Plus consists of fine-leaved Perennial ryegrasses and a Kentucky bluegrass hybrid with ICL Smart Start seed coating.

The coating ensures that the Bluegrass germinates and roots rapidly, meaning that the sward has the right proportion of Bluegrass from the start. The 30% Bluegrass component ensures that a new field construction will have sufficient Bluegrass from the start resulting in a strong, dense playing field with excellent recovery capacity. ICL uses a hybrid Bluegrass in this mixture because of its drought resistance and its aggressive rhizomes, which create a very dense, well-rooted sward.

Advantages

1.
Grass seed coating gives rapid germination

2.
Year round dark green colour

3.
Fast recovery abilities

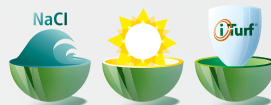
4.
Excellent wear tolerance



Outstanding purity and germination



ProSelect® Renovator 3GLSD



GOLF SPORTS
AVG SOWING RATE: 45 g/m²
MOWING HEIGHT: 12 - 50 mm

SEED VARIETIES

- 100% Lolium perenne
Mistral, Grandslam GLD,
Fastball RGL

Reduced fungicide

Renovator is a blend specially developed for rapid renovation of sports turf and golf fairways subjects to high traffic levels. In addition to its practical features, ProSelect Renovator combines an attractive appearance and intense color.

ProSelect Renovator 3GLSD (Gray Leaf and Drought tolerant) is a high-quality three way Perennial ryegrass blend containing varieties bred with resistance to gray leaf spot and improved drought tolerance. If you struggle in an area affected by Gray Leaf Spot or just want to have the security against it choose Proselect Renovator 3GLSD. Its dark green color makes it an ideal choice for use on golf courses, sports fields, home lawns and for professional landscapers. Its drought tolerance and fast establishment also make it a great choice where a high-quality overseeding mixture is needed.

Advantages



ProSelect Blends

ProSelect® Extra Fine



GOLF SPORTS
AVG SOWING RATE: 27,5 g/m²
MOWING HEIGHT: 10 - 25 mm

SEED VARIETIES

- 10% Fectuca rubra trichophylla
Cathrine
- 10% Festuca rubra commutata
Livista
- 15% Festuca rubra rubra
Ryder
- 55% Lolium perenne
Equate, Pronto
- 10% Poa pratensis hybrid
Heatmaster Smart Start,
Thermal blue Smart Start

Resistance to traffic

Extra Fine establishes quickly, it has been specially developed for the creation of lawns with high aesthetic demands. Ideal combination for high quality green spaces moderately stressed.

Advantages



ProSelect®

Double Game

**GOLF****SPORTS****SOD****AVG SOWING RATE: 35 g/m²**
MOWING HEIGHT: 30 - 60 mm

The all-round stress buster

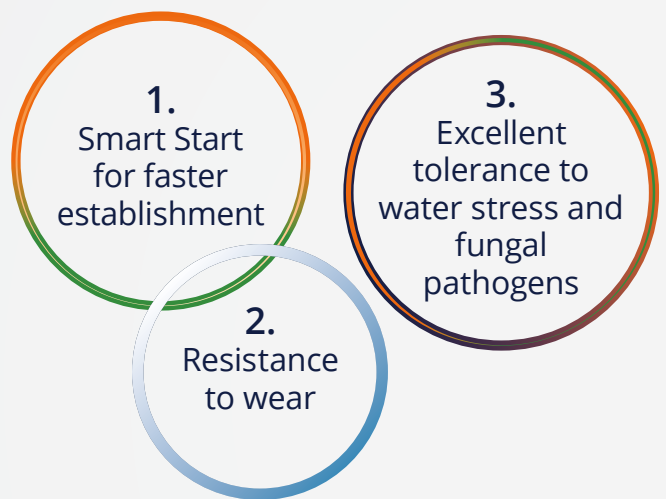
Double Game is a turf seed blend for the professional, ideal for new construction and low maintenance input areas in mediterranean regions. It is recommended for sowing during summer in difficult marginal areas. The types of species and varieties used provide a high tolerance to heat and water stress.



SEED VARIETIES

- 10% *Lolium perenne* Equate
- 10% *Poa pratensis* hybrid Heatmaster Smart Start Thermal blue Smart Start
- 60% *Festuca arundinacea* Spyder LS, Avenger
- 20% *Cynodon dactylon* Transcontinental

Advantages



High adaptability to high temperatures



ProSelect® Stadium RZ



SPORTS SOD
AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 15 - 35 mm

SEED VARIETIES

- 65% *Lolium perenne*
Mistral, Pronto, Equate
- 35% *Poa pratensis*
Prosperity

Adaptability to variable cutting heights

Stadium RZ is ideal for new seeding of sports, lawns and ornamental areas subject to heavy foot traffic. Combines an attractive intense color appearance with remarkable wear characteristics. ProSelect Stadium RZ is also highly adaptability to varied cutting heights.

Advantages



ProSelect Blends

ProSelect® Renovator SLT



GOLF SPORTS
AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 15 - 40 mm

SEED VARIETIES

- 100% *Lolium perenne*
Mistral, Pronto, Equate

Excellent salt tolerance

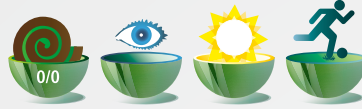
Renovator SLT is a blend specially developed for rapid renovation of sports turf and lawn/ landscaping areas subjects to high traffic levels. In addition to its practical features, ProSelect Renovator SLT combines an attractive appearance, intense color and excellent salt tolerance.

Advantages



ProSelect[®]

Thermal Force



SPORTS

SOD

AVG SOWING RATE: 35 g/m²
MOWING HEIGHT: 35 - 50 mm

SEED VARIETIES

- 10% *Poa pratensis*
Heatmaster Smart Start
- 90% *Festuca arundinacea*
Spyder LS, Avenger

The water conserver

ProSelect Thermal Force is a unique containing blend providing excellent performance for those regions where rainfall or irrigation is limited. All the varieties used in Thermal Force are bred for heat and drought tolerance.

All *Festuca* varieties in this mixture have a good *Rhizoctonia* resistance. The mixture is dark green, will create a very dense surface and will thrive well in shaded areas. Thermal Force is a favorite mixture of sod growers due to the very extensive and aggressive root growth.



Advantages



Excellent heat and drought tolerance



ProSelect®

Speeder Sport

High speed of establishment

Speeder Sports is a mixture of seed ideal for new projects of ornamental lawns and sports for which considerable speed of establishment and high wear characteristics are required. Also, visually appealing with good tolerance to low temperatures.



GOLF SPORTS

AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 20 - 45 mm

SEED VARIETIES

- 75% *Lolium perenne*
Pronto, Equate
- 15% *Poa pratensis*
Prosperity
- 10% *Festuca rubra rubra*
Ryder

Advantages



ProSelect Blends

ProSelect®

Low Maintenance

Extreme low maintenance

ProSelect Low maintenance is a mixture ideally suited for areas with extreme low maintenance like roughs, parks and recreational areas.

Low maintenance will keep an attractive appearance in roughs when left unmowed for longer periods. Also suited for lawns with limited traffic.



GOLF

AVG SOWING RATE: 22,5 g/m²
MOWING HEIGHT: > 35 mm

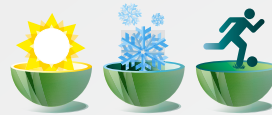
SEED VARIETIES

- 50% *Festuca trachophylla*
Heron, Mentor
- 30% *Festuca rubra trichophylla*
Cathrine
- 20% *Festuca rubra rubra*
Ryder

Advantages



ProSelect® Rhizome Max



GOLF SPORTS

AVG SOWING RATE: 32,5 g/m²
MOWING HEIGHT: 25 - 30 mm

SEED VARIETIES

- 70% Lolium perenne
Groundforce, Coletta
- 15% Poa pratensis
Enigma
- 15% Poa pratensis hybrid
Heatmaster Smart Start

When maximum rooting is required

Rhizome Max is a seed blend which has excellent root binding qualities from the aggressive rhizomatous growth of the Kentucky bluegrass varieties used. This makes Rhizome Max suitable for sports fields that have to deal with intensive winter and summer use.

Rhizome Max consists of two fine-leaved Perennial ryegrasses and two Kentucky bluegrass varieties, of which one is a hybrid type called Heatmaster. This variety is seed coated with Smart Start, for rapid germination and establishment which enables the Kentucky bluegrass to develop at the same rate as the Perennial ryegrass to form a balanced sward. Heatmaster is characterised by a very rapid germination (under favorable conditions, 8-10 days) and a very aggressive shoot formation. Also, the variety excels in drought tolerance.



Advantages

1.
High wear
resistance

2.
Smart Start
coating for
improved
germination

3.
Winter and
summer
resilience

High bluegrass content for intensively used sports areas





ProSelect[®] Regenerator Plus

Rapid germination for effective renovation

ProSelect Regenerator Plus is a mixture for sports fields which is highly suitable for both new seeding and overseeding.

ProSelect Regenerator Plus consists of fine-leaved Perennial ryegrasses and a Kentucky Bluegrass hybrid with ICL Smart Start seed coating. The coating ensures that the Bluegrass germinates and roots rapidly, meaning that the sward has the right proportion of Bluegrass from the start. ICL uses a hybrid Bluegrass in this mixture because of its drought resistance and its aggressive rhizomes, which create a very dense, well-rooted sward.



GOLF SPORTS

AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 20 - 30 mm

SEED VARIETIES

- 85% *Lolium perenne*
Eurocordus, Coletta, Beckham
- 15% *Poa pratensis* hybrid
Heatmaster Smart Start

Advantages

1. Grass seed coating gives rapid germination
2. Excellent wear tolerance
3. High recovery abilities

ProSelect Blends

ProSelect[®] Regenerator RSM

Broad spectrum disease tolerance

Regenerator RSM is a seed blend containing varieties that have evaluated for sports durability through the German National RSM Turf grass listings. Rapid germination, good recovery from wear and disease tolerance form this blends main attributes.

The inclusion of varieties such as Eurocordus, Shorty and Coletta Perennial ryegrass, combined with Liberlin Kentucky bluegrass create a dense, hard wearing sward capable of intensive sport use.

Regenerator RSM presents a mid-green colour aspect associated with most Northern European sport field requirements.



SPORTS

AVG SOWING RATE: 32,5 g/m²
MOWING HEIGHT: 25 - 30 mm

SEED VARIETIES

- 85% *Lolium perenne*
Shorty, Eurocordus, Coletta
- 15% *Poa pratensis*
Liberlin, Conni

Advantages

1. Excellent wear and recovery
2. Rapid germination
3. Mid green colour

ProSelect[®]

Sport 1



GOLF

SPORTS

AVG SOWING RATE: 35 g/m²
MOWING HEIGHT: 20 - 35 mm

SEED VARIETIES

- 100% Lolium perenne
Carnac, Vermillion, Beckham

Highly ranked European blend

ProSelect Sport 1 is a mixture for sports fields highly suitable for both new seeding and overseeding.

Sport 1 consists of three fine-leaved Perennial ryegrasses, which are on European lists of recommended varieties. Special selected varieties for their rapid germination and wear tolerance makes this blend an excellent performer. It has excellent disease resistance and maintains a beautiful colour year-round.

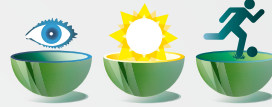
Advantages



Outstanding purity and germination



ProSelect[®] Premium Pitch



GOLF SPORTS
AVG SOWING RATE: 42,5 g/m²
MOWING HEIGHT: 20 - 35 mm

SEED VARIETIES

- 100% Perennial ryegrass
Eurocordus, Shorty, Carnac

Outstanding visual appeal

ProSelect Premium Pitch establishes a dense, hard wearing blend of Perennial ryegrasses, offering top performance for high quality stadia, sports fields and racecourses. All varieties used are highly ranked on the UK STRI National list.

Advantages



ProSelect Blends



ProSelect[®] Tees/Fairway



GOLF SPORTS
AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 15 - 25 mm

SEED VARIETIES

- 60% Lolium perenne
Groundforce, Coletta
- 20% Festuca rubra
trichophylla
Cathrine
- 20% Festuca rubra rubra
Ryder

Strong divot recovery

ProSelect Tees/Fairways/Outfield is a fescue and ryegrass blend that produces a fine, dense and wear-tolerant sward with excellent visual merit.

Advantages



ProSelect®

Fairway Fescue



GOLF

AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 10 - 12 mm

SEED VARIETIES

- 40% Festuca rubra trichophylla Cathrine
- 30% Festuca rubra commutata Livista
- 30% Festuca rubra rubra Ryder

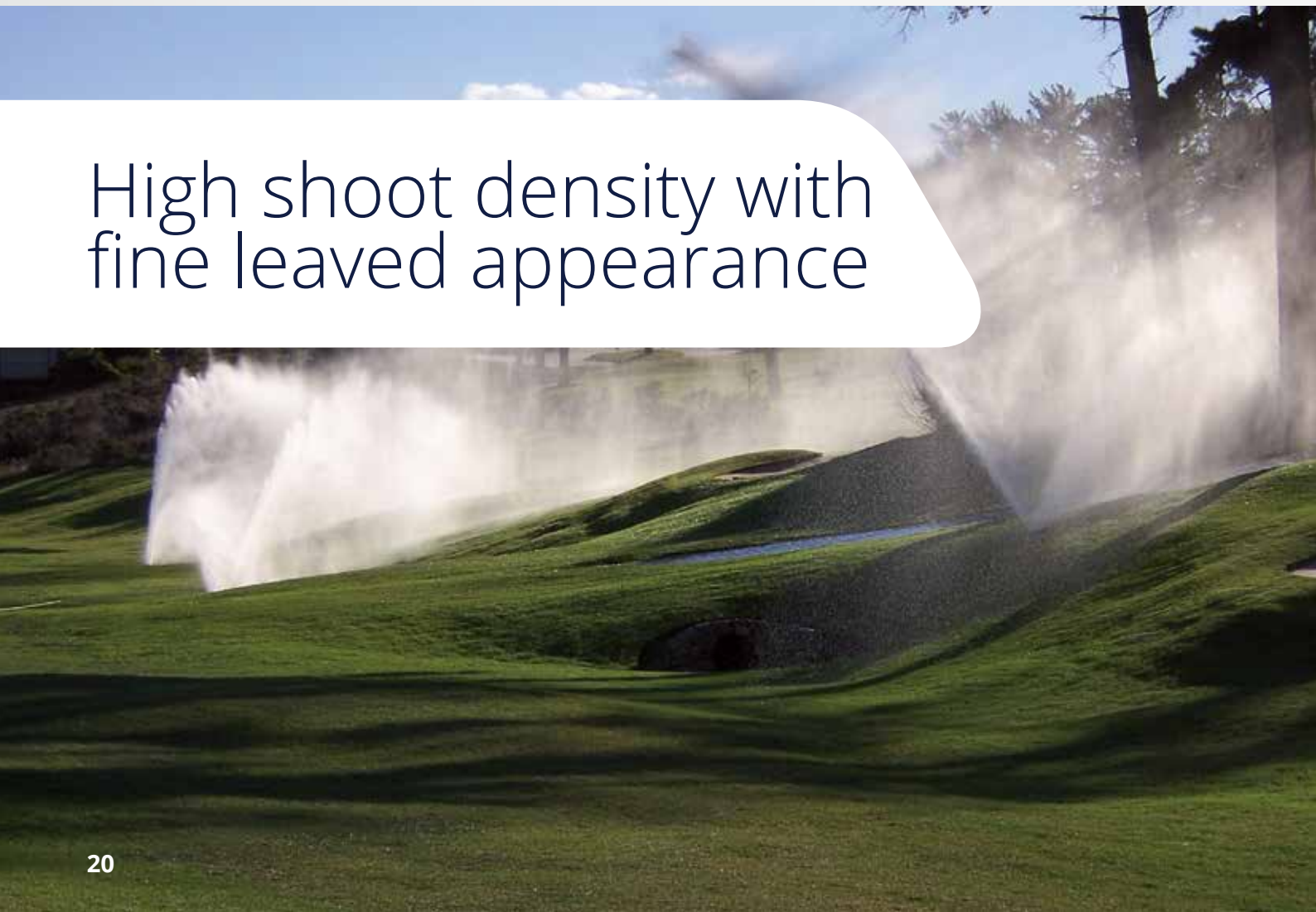
Low input and great in shade

ProSelect Fairway Fescue is ICL's premium Fairway blend ideal for overseeding. Fairway Fescue can be used on soils with a high salt content such as links courses. Fairway Fescue is low growing and can be used in shaded areas. It has good drought tolerance, disease resistant and provides a high shoot density with fine leaved appearance.

Advantages



High shoot density with fine leaved appearance





ProSelect® Greens 80/20

Perfect golf and bowling greens

ProSelect Greens 80/20 is a fescue and bent grass seed mixture. It delivers a dense turf with tremendous visual quality for golf and bowling greens and delivers beautiful winter color.



GOLF

AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 5 - 7 mm

SEED VARIETIES

- 40% Festuca rubra trichophylla Cathrine
- 40% Festuca rubra commutata Livista
- 20% Agrostis capillaris Egmont

Advantages



ProSelect® Fescue Greens

Low input sustainable blend

ProSelect Fescue Greens is ideal for golf and bowling greens as well as fine lawns. It shows incredible shade tolerance and also good salt and wear tolerance.



GOLF

AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 4 - 7 mm

SEED VARIETIES

- 50% Festuca rubra trichophylla Cathrine
- 50% Festuca rubra commutata Livista, Rubicus

Advantages



**GOLF****SPORTS****AVG SOWING RATE: 42,5 g/m²**
MOWING HEIGHT: 10 - 25 mm**SEED VARIETIES**

- 15% Festuca rubra trichophylla Cathrine
- 15% Festuca rubra commutata Livista
- 20% Festuca rubra rubra Ryder
- 50% Lolium perenne Coletta, Vermio

All year-round performance

ProSelect Classic is an all purpose seed mixture to be used for golf tees, fairways, outfield and landscaping.

Classic consists of medium green varieties providing a fine leave appearance and a very dense sward.

It has good disease resistance and maintains a beautiful, medium green colour year-round.

Advantages

1.
All purpose
mixture

2.
Good purity and
germination

3.
Fine, dense
turf

Beautiful colour year-round



ProSelect[®] Municipal sport

Rapid establishment

ProSelect Municipal Sport is a hard-wearing seed mixture designed for new sports seedings or renovations. This blend has a wide range of attributes, including rapid germination, excellent disease resistance and medium green colour aspect.



SPORTS

AVG SOWING RATE: 42,5 g/m²
MOWING HEIGHT: 10 - 25 mm

SEED VARIETIES

- 70% Lolium perenne
Beckham, Coletta
- 30% Festuca rubra rubra
Ryder

Advantages



ProSelect[®] All Bent

Triple variety blend

ProSelect All-Bent is a triple variety Agrostis capillaris blend designed for golf and bowling green renovation as well as establishment of newly constructed greens. Each variety offers individual strengths but combined, forms a highly competitive greens surface to out-compete Poa annua.

The varieties of Troy, Jorvik and Manor provide a broad spectrum disease resistance which lends itself to reduce fungicide inputs.

Browntop bents by nature are less demanding in terms of their nutrient and water requirements making this blend an ideal choice for greenkeeper wishing to follow a more integrated approach to their greens management



GOLF

AVG SOWING RATE: 6,5 g/m²
MOWING HEIGHT: 3 - 10 mm

SEED VARIETIES

- 100% Agrostis Capillaris
Jorvik, Manor, Troy

Advantages



ProSelect®

Fine Turf 1



GOLF

AVG SOWING RATE: 6,5 g/m²
MOWING HEIGHT: 3 - 10 mm

SEED VARIETIES

- 100% *Agrostis stolonifera*
Ritpide, Memorial

Perfect *Agrostis* blend

ProSelect Fine Turf 1 is an ideal seed mixture for greens renovation or new sowing of close mown areas. Fine Turf 1 is a 100% *Agrostis stolonifera* blends combining the strengths of some of the best varieties available.

Advantages



Perfect for close mown fine turf

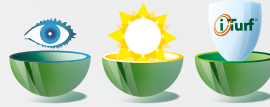


ProSelect®

Tee Premium

Excellent shoot density

An extremely aggressive blend with the key purpose of rapid establishment for tee repairs. The rhizomatous growth characteristics for divot recovery.



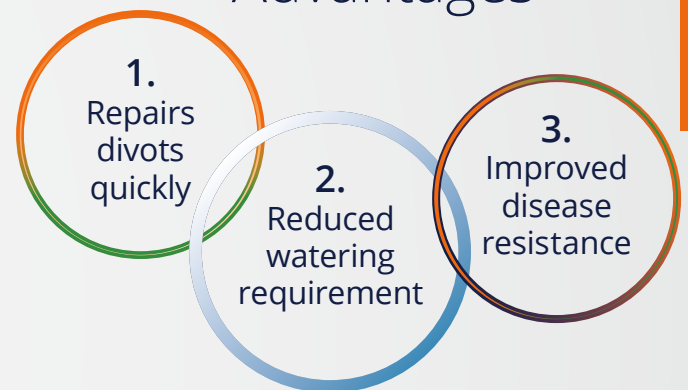
GOLF

AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 15 - 40 mm

SEED VARIETIES

- 20% Festuca rubra trichophylla Cathrine
- 20% Festuca rubra rubra Ryder
- 30% Lolium perenne Groundforce
- 30% Poa pratensis Enigma

Advantages



ICL's Turf and Amenity dedicates itself to providing you with outstanding products and solutions that will deliver perfect grass. We offer a vast range of high-quality grass seed and fertilizers, all which make golf greens faster, sports fields stronger and parks greener.

Grass seed Varieties

We also supply individual varieties from the ICL portfolio to meet the specific needs in golf, sports and sod production.

- ***Agrostis stolonifera* – Creeping bent grass**
New varieties appearing in the ICL range are specifically bred with integrated turf management in mind. The key aim is provide top performance with lower inputs
- ***Agrostis capillaris* – Browntop bent grass**
A more traditional bent grass for golf greens. The new releases are now proving to have lower demands for nutrients and water. Great disease resistance is a real strength of this species
- ***Festuca rubra commutata & trichophila* – Chewings & Slender creeping red fescue**
A range of fine fescues available, developed for a range of application from low maintenance to intensively managed areas
- ***Festuca arundinacea* – Tall fescue**
A deep rooting, drought tolerant species which forms a very important part of the ICL programme, particularly for southern Europe
- ***Poa pratensis* - Kentucky bluegrass**
ICL can boast in having probably one of the most extensive ranges of Kentucky bluegrass. There are many characteristics on offer from highly aggressive rooting hybrid varieties to high wear tolerance types.
- ***Lolium perenne* – Perennial ryegrass**
One of the most widely used species in the sports turf world. The ICL portfolio includes US and European genetics to cover all manner of applications
- ***Specialist species***
Due to the diverse range of climatic regions we work within, ICL offers certain species that are adapted to difficult growing conditions. These include Paspalum, Zoysia, Bermuda and Hard fescues

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All straights are subject to availability. Certain ICL cultivars are reserved solely for our blended products and therefore will not appear in this table.

Visit www.icl-sf.com to view our full grass seed portfolio.
Select your local country site to find out more about the seeds varieties and blends appropriate for your region.

Breakout

Lolium multiflorum

A revolution in transitional over-seeding

A new and revolutionary Annual ryegrass for overseeding warm-season grass or for cool-season turf when you need ground cover quickly (not to be confused with Italian ryegrass). Establishes fast resulting in superior quality turf that withstands wear. Has a finer leaf blade and texture similar to Perennial ryegrass.



GOLF

AVG SOWING RATE: 60 g/m²
MOWING HEIGHT: > 12 mm

SEED VARIETIES

- 100% Annual ryegrass Breakout

Advantages

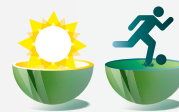


Jubilee

Cynodon dactylon

Requires little watering

Jubilee contains the varieties of Riviera and Transcontinental, formulated for quicker establishment and longer term sustainability. Contain certified seed test under the U.S. NTEP system.



GOLF

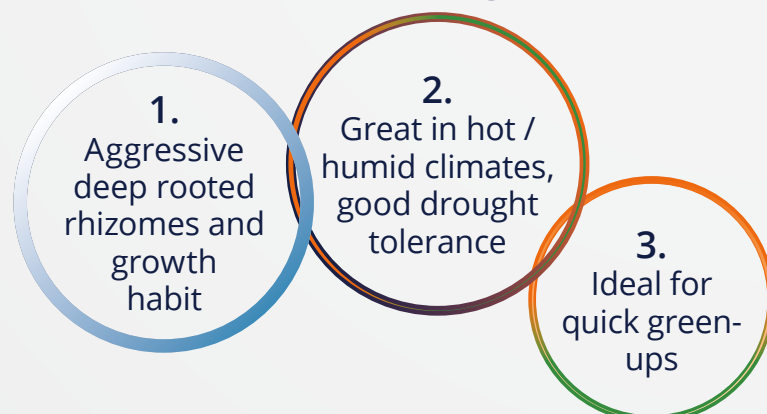
SPORTS

AVG SOWING RATE: 12,5 g/m²
MOWING HEIGHT: 5 - 25 mm

SEED VARIETIES

- 100% Bermuda grass
Riviera, Transcontinental

Advantages



Professionals Choice

Cynodon dactylon



GOLF SPORTS

AVG SOWING RATE: 12,5 g/m²
MOWING HEIGHT: 5 - 25 mm

SEED VARIETIES

- 100% Bermuda grass blend
Transcontinental, Sunbird

Dual performance

Professionals Choice is a uniform and dense Bermuda grass blend with dark green color and fine blade width. It is very deep rooted with aggressive rhizomes with an aggressive prostrate spreading growth habit.

Advantages



Legend

Poa pratensis



GOLF SPORTS SOD

AVG SOWING RATE: 12 g/m²
MOWING HEIGHT: 10 - 50 mm

SEED VARIETIES

- 100% Kentucky bluegrass
Legend

Rely on the Legend

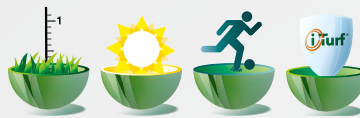
Legend is an dark green Kentucky bluegrass variety. Legend has very fine leaf texture and an aggressive nature making it an ideal choice for high-quality turf needs such as golf tees and superior athletic fields. Legend is also ideal for sod production and low-mow applications where the highest turf-quality is required. In addition Legend has improved disease resistance producing a clean, healthy turf. When only the best will do.

Advantages



Prosperity

Poa pratensis



GOLF SPORTS SOD
AVG SOWING RATE: 12,5 g/m²
MOWING HEIGHT: 10 - 35 mm

SEED VARIETIES

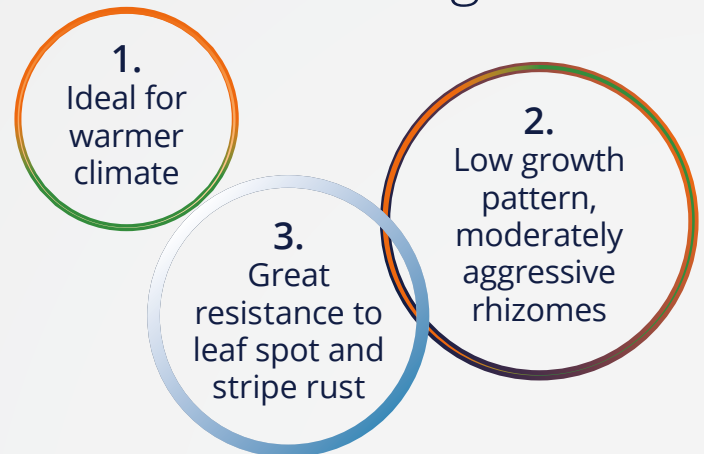
- 100% Kentucky bluegrass
Prosperity

Excellent wear tolerance

Prosperity is a Kentucky bluegrass and ideal for sports fields, fairways and tees. It is part of ICL's Low grow, Drought, and Wear tolerance programs.

Prosperity is a fine textured leaf grass that delivers a dense, well balanced and dark green turf. It has a good shade tolerance and performs exceptionally well in warmer climates. Prosperity displays great resistance to diseases; including leaf spot and stripe rust.

Advantages



Enigma

Poa pratensis



GOLF SPORTS SOD
AVG SOWING RATE: 12,5 g/m²
MOWING HEIGHT: 12 - 50 mm

SEED VARIETIES

- 100% Kentucky bluegrass
Enigma

For high and low maintenance applications

Enigma is a conventional Poa pratensis that gained STRI sport wear listing in 2016.

Enigma is a very fine leaved variety showing consistent all-year round mid green colour. Its excellent tolerance to leaf spot and rust makes it an ideal variety for sports, lawns and as a component of sod mixtures.

Advantages





SPF-30 Heatmaster

Poa pratensis

Unrivaled rooting system

SPF-30 Heatmaster is a hybrid Kentucky bluegrass ideal for: sports fields, lawns, recreational turf and sod production. It is part of ICL's Drought, Wear and Shade Icon programs.



GOLF

SPORTS

SOD

AVG SOWING RATE: 12,5 g/m²
MOWING HEIGHT: 12 - 50 mm

SEED VARIETIES

- 100% Kentucky bluegrass
SPF30 Heatmaster

Advantages



Heritage

Agrostis capillaris

High performance at low input levels

Heritage is a new introduction to the ICL portfolio. It is ideal for the over-seeding of golf and bowling greens or combined as part of a blend for fairways. Its main characteristics are excellent shoot density and visual merit aided by good resistance to microdochium. Heritage also maintains good colour in the winter and a vibrant green in the summer.



GOLF

AVG SOWING RATE: 6,5 g/m²
MOWING HEIGHT: 3 - 7 mm

SEED VARIETIES

- 100% *Agrostis capillaris*
Heritage

Advantages



Riptide

Agrostis stolonifera



GOLF

AVG SOWING RATE: 5 g/m²
MOWING HEIGHT: 2 - 5 mm

SEED VARIETIES

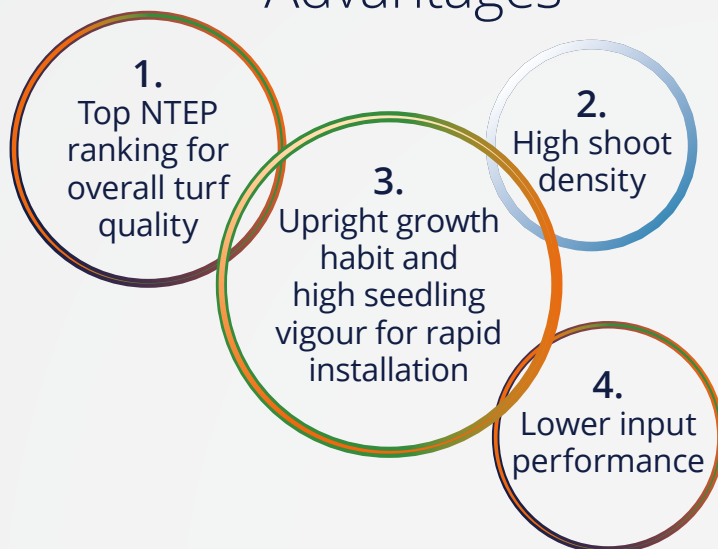
- 100% Agrostis stolonifera Riptide

High seedling vigour for rapid installation

Riptide (Agrostis stolonifera) is a fine-leaved, creeping bentgrass adapted to European climatic conditions exhibiting great winter performance for colour retention, frost tolerance and disease resistance.

Ideal for golf course greens, tees and fairways this densely-shooting bentgrass establishes quickly, especially in spring and keeps its bright mid-green colour right through autumn and winter.

Advantages



Memorial

Agrostis stolonifera



GOLF

AVG SOWING RATE: 6,5 g/m²
MOWING HEIGHT: 2,5 - 7 mm

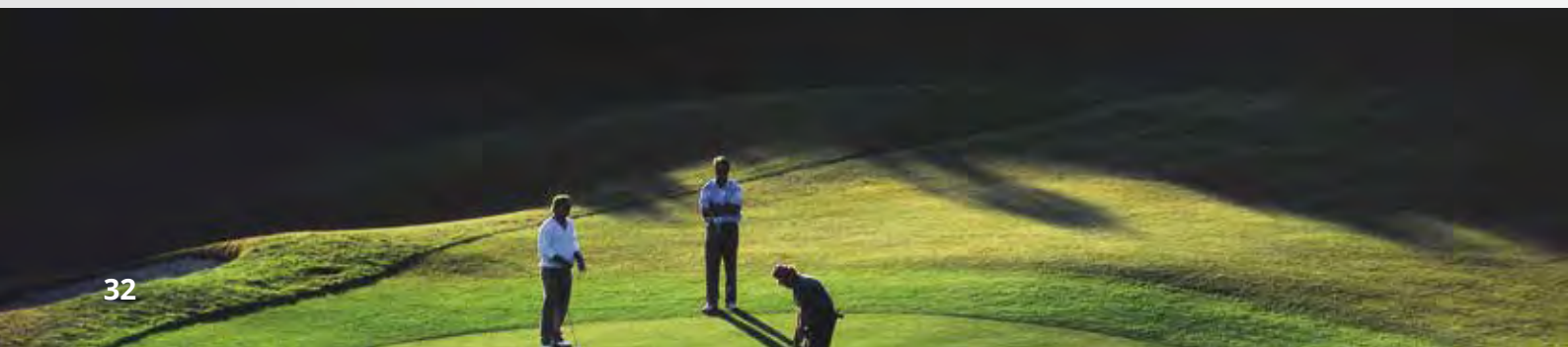
SEED VARIETIES

- 100% Agrostis stolonifera Memorial

Top performance against Dollar Spot

Memorial creeping bentgrass is a well established variety of the ICL portfolio. It exhibits excellent allround disease tolerance and is ideal for greens use.

Advantages



Heron

Hard Fescue

Top ranked shade tolerance

Medium green color and fine textured, dense, low-growing habit. Adapted to soil pH of 5.5 - 7.0, with low nutritional requirement. Ideal for low-maintenance turf.

Usage on

- Golf course roughs
- Slopes / Roadsides
- Reclamation / Low maintenance
- Orchards



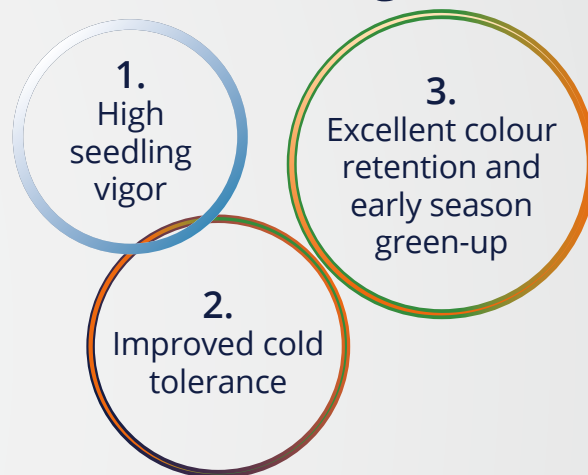
GOLF

AVG SOWING RATE: 30 g/m²
MOWING HEIGHT: 30 - 80 mm

SEED VARIETIES

- 100% Festuca trachaphylla
Heron

Advantages



Straights

Pronto

Lolium perenne

Outstanding winter hardiness

Pronto is a Perennial ryegrass and ideal for sports fields, golf course fairways and recreational turf. Has great winter tolerance and has a proven track record for overseeding.



GOLF

SPORTS

SOD

AVG SOWING RATE: 35 g/m²
MOWING HEIGHT: 15 - 40 mm

SEED VARIETIES

- 100% Perennial ryegrass
Pronto

Advantages



Equate

Lolium perenne



GOLF SPORTS SOD

AVG SOWING RATE: 35 g/m²
MOWING HEIGHT: 15 - 40 mm

SEED VARIETIES

- 100% Perennial ryegrass
Equate

Very fine leaf texture

Equate is a Perennial ryegrass and ideal for sports fields, golf course fairways and recreational turf. It is part of ICL's Drought and Salt tolerance program.

Advantages

1. Excellent overall turf quality
2. Rapid establishment

Fastball RGL

Lolium perenne



GOLF SPORTS SOD

AVG SOWING RATE: 35 g/m²
MOWING HEIGHT: 15 - 40 mm

SEED VARIETIES

- 100% *Lolium perenne*
Riptide

Combats Rust and Gray leafspot disease

Fastball RGL (Resistance to Gray Leaf) is a top-quality Perennial ryegrass ideal for all fine turf needs. It's dark green color and fine leaf texture make it an ideal choice for golf applications.

It's excellent seedling vigor and fast establishment are ideal to crowd out weeds and fill in bare spots. These traits combined with improved wear tolerance make it a great choice for interseeding thinning sports fields. It's resistance to pathogens also make it an ideal choice for overseeding dormant warm-season grasses. Fastball RGL leaves the competition swinging.

Advantages

1. Improved wear tolerance
2. Fine leave texture
3. Gray leaf spot and rust resistance

Replay

Lolium perenne

Improved summer performance

Replay is a Perennial ryegrass and ideal for sports fields, golf course fairways and recreational turf. It is part of ICL's Drought and Wear tolerance and Visual Merit program.



GOLF SPORTS SOD
AVG SOWING RATE: 35 g/m²
MOWING HEIGHT: 15 - 40 mm

SEED VARIETIES

- 100% *Lolium perenne* Replay

Advantages



Groundforce

Lolium perenne

Excellent visual appearance

Groundforce is a very attractive brand new Perennial ryegrass from the ICL stable gaining STRI New cultivar list in 2016. The variety combines great all-round performance and features in some of the ProSelect blends for use in golf, sports and general recreation areas.



GOLF SPORTS SOD
AVG SOWING RATE: 32,5 g/m²
MOWING HEIGHT: 12 - 40 mm

SEED VARIETIES

- 100% Perennial ryegrass Groundforce

Advantages



Mistral

Lolium perenne



GOLF

SPORTS

SOD

AVG SOWING RATE: 32,5 g/m²
MOWING HEIGHT: 15 - 40 mm

SEED VARIETIES

- 100% Perennial ryegrass
Mistral

All year round performance

Mistral is a new EU registered American genetics Perennial ryegrass with exceptional rankings under the NTEP trials system.

Sporting facilities looking for a variety offering superior Gray leaf spot resistance need not look any further. Mistral is an excellent variety for over-seeding in both cool season and transitional areas, particularly where heat tolerance is a necessity. Excellent seed purity and seedling vigor provide grounds managers the reassurance they are purchasing a top quality product.

Advantages



Grandslam GLD

Lolium perenne



GOLF

SPORTS

AVG SOWING RATE: 32,5 g/m²
MOWING HEIGHT: 10 - 40 mm

SEED VARIETIES

- 100% Perennial ryegrass
Grandslam GLD

The winning variety

GrandSlam GLD (Gray Leaf and Drought tolerant) is a high-quality perennial ryegrass bred with resistance to gray leaf spot and improved drought tolerance.

If you struggle in an area affected by Gray Leaf Spot or just want to have the security against it choose GrandSlam GLD. Its dark green color makes it an ideal choice for use on golf courses, sports fields, home lawns and for professional landscapers. Its drought tolerance and fast establishment also make it a great choice if you require a high-quality overseeding variety.

Advantages



Spyder LS

Festuca arundinacea

Lateral spreading for dense sod

Spyder LS is a tall fescue that is ideal for: sport fields, recreational turf, golf course roughs, roadsides, airports and erosion control. It is part of ICL's: Low grow, Brown patch resistance, Shade, Wear, and Salt tolerance programs.



SPORTS

SOD

AVG SOWING RATE: 40 g/m²
MOWING HEIGHT: 25 - 35 mm

SEED VARIETIES

- 100% Tall fescue
Spyder LS

Advantages



Avenger

Festuca arundinacea

Exemplary seedling vigor, deep rooting

Avenger is a tall fescue that is ideal for: sport fields, recreational turf, golf course roughs, roadsides, airports and erosion control. It is part of ICL's Cold and Drought tolerance programs.



SPORTS

SOD

AVG SOWING RATE: 40 g/m²
MOWING HEIGHT: 25 - 35 mm

SEED VARIETIES

- 100% Tall fescue
Avenger

Advantages





Get your seeds off to a great start with ZipSeed technology

All plants grown from seed benefit from a vigorous start with rapid root development to ensure survival against stressed conditions presented by climate, pests and diseases.

Zipseed is a seed coating treatment for the enhancement of seedling establishment. The action of elements such as Zinc and Magnesium combined with Humic and Amino acids aid the development of an extensive and fibrous rooting system. This enables seedlings to maximise water and nutrient uptake for the formation of strong healthy plants.

Sports grass mixtures treated with ZipSeed are far more effective in getting seed established, without compromising seed numbers.

- Converts more of your valuable seeds into mature, performing turf grass
- Seed germinates more quickly creating denser tillering - even in stressed conditions
- More root hairs means nutrient uptake is more efficient, resulting in a denser sward and fewer weeds
- Produces stronger seedlings – more able to resist attack from pests and diseases

The advantages of ZipSeed

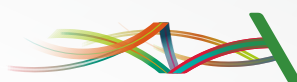




Smart Start™: Efficient hydration, exceptional results

Seeds specifically selected for LandscaperPro feature unique Smart Start™ technology, a natural biodegradable coating that can absorb 500 times its own weight in moisture to provide a gel layer around each seed. The gradual release of moisture matches seed's needs and gives every seed the best chance of successful rapid germination and growth, even in fluctuating moisture conditions.

The advantages of Smart Start



For further information contact your
ICL Technical Area Sales Manager
or visit www.icl-sf.com



About



As part of the ICL Group, we strive to bring you the most technically advanced products and solutions

ICL provide speciality fertilizers and nutrition programmes, turf seed, plant protection products and growing media to help you meet the demands of modern-day turf and landscape management.

We take great pride in the integrity and value of our dynamic world-class product portfolios and in the provision of dedicated technical support, available to you from the team at ICL.

Through our product technologies, our ongoing support of end-user education and through iTurf, our integrated turf management programme, we continue to advocate best practice in turf management and sound environmental stewardship.

With market-leading fertilizer brands – including SierrablenPlus, SierraformGT and Greenmaster – and a wealth of knowledge in both our Turf & Landscape technical teams and our network of distributors, we look forward to working with you and supporting you in all aspects of your work.

Driven by innovation

We continually invest in new products and have some of the most advanced Research and Development facilities in the world. We are also committed to sustainability, helping to maintain our environment in an efficient and responsible way.

From raw materials through to finished product, we are dedicated to producing the finest range of fertilizer, plant protection and grass seed technologies, all backed up by first-class customer service. Turf managers at many of the world's finest sporting venues trust our technologies to help them produce high quality turf for sports and amenity use.



Inspired by nature

As well as fertilizer, plant protection products and grass seeds, ICL offers expertise and solutions to a range of turf problems, which we bring together in our unique programme of integrated turf practices and treatments.

Integrated turf management (ITM) focuses on using the best products in the most efficient and responsible way. ICL is championing ITM through iTurf in order to provide turf managers with an easy way of meeting their environmental responsibilities and complying with increasing rules and regulations regarding chemical application. It also helps them maintain healthy turf through long-term sustainable management.





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