



The professional choice
for lawns & landscapes

**Landscaper®
Pro®**





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So advanced, so easy

Today more than ever, professional landscapers and gardeners need smarter lawn care products. So you can be confident that your grass is in perfect condition 365 days a year. No need to keep off. Ever.

Our products are used by groundsmen at some of the world's most prestigious sporting venues and by growers of premium quality turf, plants, nursery stock and food crops. We've developed our LandscaperPro range to streamline landscape maintenance and lawn care. Precision nutrition means using just the right amount of product, less often.

It's a more sustainable choice and it needn't be more expensive, for you, your customer or the planet. This guide is intended help you introduce LandscaperPro to your customers, to help them understand why LandscaperPro is a tried and tested option, offering outstanding results, for borders, flower beds, containers and lawns, all season long.





Opportunities for you

- Offers the best quality seed with outstanding cultivars and optimum purity
- Smart Life coating holds nutrients and absorbs moisture, so seed germinates fast and there's rapid early growth
- Coated seed is less attractive to birds, so overseeding is not required
- Smart Life technology offers long-lasting, precision nutrition for steady, continuous growth; healthier lawns, less mowing, less waste from nutrients leaching
- Products to help you solve common problems, such as shaded areas, traffic and weed control
- Full technical support at your fingertips, helping you to select the right product for the right situation

Opportunities for your customers

- Attractive, strong and healthy lawns, plants and shrubs
- Lawns that stay in good condition in sun and shade, whether ornamental or recreational
- Careful, responsible application means using and mowing less
- Innovative, safe and efficient products from a global market leader



**Delivers
great results**



**Saves
time**



**Increases
profits**

Suggested maintenance programmes for lawns

Budget

For a simple but effective nutrient programme, use one application of our season-long, controlled-release fertilizer.

1 x Full Season – Apply at 60g/m² between March & May
Seed – Apply Landscaper Pro seed between March & May

Standard

Ideal nutrient delivery over the course of a year.
Simply requires two applications of controlled-release fertilizer.

1 x All Round – Apply at 45g/m² between March & May
Seed – Apply Landscaper Pro seed between March & May
1 x Stress Control – Apply at 35g/m² between August & October
Seed – Apply Landscaper Pro seed between August & October

Premium

An advanced nutritional programme for premium quality lawns, matching fertilizer applications with different growth stages during the year.

1 x Maintenance – Apply 35g/m² between March & April
Seed – Apply Landscaper Pro seed between March & May
1 x All Round – Apply 45g/m² between May & July
1 x Pre-Winter – Apply 45g/m² between August & September
Seed – Apply Landscaper Pro seed between August & October



Consider offering your customer the following to enhance results:

 **Scarification**

 **Moss control**

 **Over seeding**

As a professional landscaper,
you have a talent for creating and maintaining beautiful gardens and landscapes.

Whatever the weather or the season, you're out there, giving nature a helping hand so that lawns, borders and plants can flourish.



Lawn fertilizers

An effective nutrition programme keeps turf strong and healthy, promotes recovery and boosts resistance to disease. Fertilizers improve lawn appearance and its tolerance of environmental stresses such as shade and drought.

Landscaper Pro fertilizers at a glance:

- Value for money: one application lasts all season
- Completely safe for children, pets and young grass plants
- High nutrient content, so less fertilizer is required
- Optimal delivery of nutrients for enhanced turf quality
- Reliable release for balanced growth and less frequent mowing
- Encourages a strong root system for health and resilience

Using Landscaper Pro slow and controlled-release fertilizers results in less waste and healthier turf. You can provide high-quality nutrition on a limited budget by reducing the number of applications needed each season.

Which fertilizer should I use?

There are two types of fertilizer; conventional (quick release) and long-acting.

Some fertilizers, including conventional, liquid and water soluble, release all their nutrients immediately after application.

These products produce turf quickly in terms of colour and growth, but they also increase nutrient losses out of the system, with a flush of growth

(resulting in extra mowing), surface run-off, leaching or gaseous losses.

Conventional fertilizers



Slow release, controlled-release and organic fertilizers deliver nutrients over a set period in the most consistent and reliable way.

Delivering nutrients gradually is more efficient so nutrient loss from leaching is minimised. A steady nutrient supply encourages strong, healthy grass with sturdy, compact growth. It also encourages deep roots, essential for turf that is more resistant to heavy traffic, disease, drought and other stresses.

Long-acting fertilizers

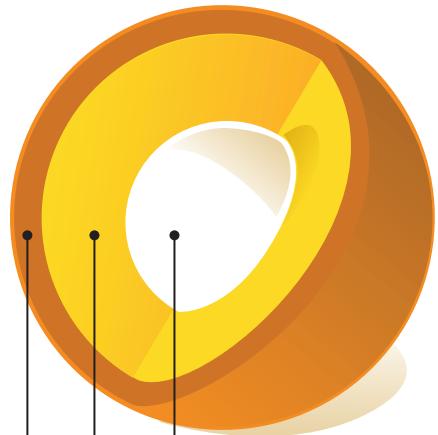
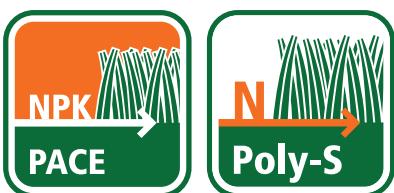


Delivering Precision Nutrition

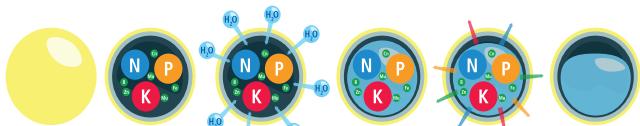
ICL is a global leader in slowrelease and controlled-release fertilizers and our products are right at the forefront of fertilizer technology. Our research and development teams are continually developing new technologies to improve the environmental profile of our products without reducing their efficacy.

We use two technologies in the Landscaper Pro range which extend the longevity of our fertilizers.

Water permeates through the resin layer and dissolves nutrients inside the granule. This creates pressure which pushes nutrients out, continually and steadily. In our PACE technology, all nutrients are long-acting, while in the case of the Poly-S technology, nitrogen is long-acting. The nutrients are released over a set period depending on the thickness of the coating. The available longevities are 2-3 months, 4-5 months, 5-6 months, and 8-9 months. Several products contain both PACE and Poly-S technologies.



Poly-S technology:
Outer polymer coating
Inner sulphur coating
Urea nutrient core



With Pace resin coated technology nutrient is combined within each granule





Short longevity fertilizers (< 3 Months)

Landscape Pro Maintenance



Suggested application period: March to July

Granule size: Mini granule

Recommended spreader: AccuPro 2000

An ideal base fertilizer for maintained landscape turf, Landscaper Pro Maintenance delivers a rapid visual response and long term plant health, with balanced nutrients released over a period of 2-3 months.



- Ideal for general purpose - for healthy balanced growth
- High Nitrogen content gives fast initial effect

Landscape Pro Stress Control



Suggested application period: June to October

Granule size: Mini granule

Recommended spreader: AccuPro 2000

Landscaper Pro Stress Control is a pre-stress conditioner that enables the plant to withstand adverse weather conditions. It boosts the plant's own cell strength and increases its nutrient content. Controlled-release nitrogen is only released during optimum growing conditions, so prepares the plant for stressful conditions.



- Ideal pre-stress conditioner
- High potassium content to strengthen plant cell walls
- Assists with water regulation in the plant

Landscape Pro Spring & Summer



Suggested application period: March to August

Granule size: Mini granule

Recommended spreader: AccuPro 2000

A high impact fertilizer with controlled release technology formulated to give a strong immediate response, combined with up to 3 months longevity. Encourages strong root system for health and resilience



- Value for money
- High nutrient content so less fertilizer is required
- Optimal delivery of nutrients for enhanced turf quality

Landscape Pro New Grass



Suggested application period: March to October

Granule size: Mini granule

Recommended spreader: AccuPro 2000

The ideal fertilizer to use when laying turf or overseeding. The Poly-S coating controls nitrogen release which ensures balanced growth and good root development. The high phosphorus content promotes root growth. The fine granulate is ideal for distributing nutrients evenly.



- Ideal when sowing or laying turf. High phosphate content promotes root development
- Safe for young grass, minimal risk of scorching
- Fine granules ensure nutrients are evenly distributed

Also available in 5 kg bag



Landscape Pro Universtar Balance

Suggested application period: March to August

Granule size: Mini granule

Recommended spreader: AccuPro 2000

An ideal general purpose controlled release fertilizer for feeding lawns.



- Nutrients are continuously released over a two month period which encourages turf grows in a balanced, healthy way
- No growth surges
- High nitrogen gives rapid results



Medium longevity fertilizers (> 3 Months)

Landscape Pro All Round



Suggested application period: March to June

Granule size: Mini granule

Recommended spreader: AccuPro 2000

This product is ideally used after moss or weed treatment. Steady nutrient release ensures balanced growth and good root development.

Also available in 5 kg bag



- Mini granule for even distribution. No disruption to maintenance programmes
- Stimulates the development of young grass into a strong sward
- Ideal for use in combination with 'Pre-Winter' or with problem solvers such as Landscaper Pro Weed Control and Moss Control
- Added magnesium for a rich colour

Landscape Pro Pre-Winter



Suggested application period: August to October

Granule size: Standard granule

Recommended spreader: AccuPro 2000

An application results in a slow, steady growth and prevents stress. This product releases hardly any nitrogen at low temperatures but it continues to work after winter, when temperatures begin to rise.

Also available in 5 kg bag



- Promotes even growth without stress
- High potassium content hardens turf for winter conditions
- Only releases nitrogen when turf is growing



Full Season fertilizer

Landscape Pro Full Season



Suggested application period: March to May

Granule size: Standard granule

Recommended spreader: AccuPro 2000

A controlled-release fertilizer providing nutrients throughout the season, for balanced lawn growth and good root development. Lawns will be resistant to weeds and moss. Added magnesium results in an extra boost of colour. Apply a slightly smaller dose on heavy soil or a slightly larger dose in the case of sprinkler watering or on sandy soil.



- The 'apply once' application gives complete nutrition for the whole season
- Good resistance to weeds and moss
- Added magnesium for rich colour
- Ideal for use in combination with 'Pre-Winter'

Problem solving products

Landscape Pro Weed Control



Suggested application period: April to September

Granule size: Micro granule

Recommended spreader: AccuPro 2000

Weed Control is a slow-release fertilizer containing a weed treatment. After application, the weed treatment agent attaches itself to the weed and eliminates it. Within three to four weeks, weeds will have disappeared and turf appears greener. Nutrients ensure that grass quickly covers any open patches.

**6-8
Weeks**

- Feeds turf and kills weeds in one application
- Improves turf appearance
- Mini granulate ensures optimum contact with weeds
- High nitrogen content stimulates growth to fill in any bare patches

Landscape Pro Moss Control



Suggested application period: March and April / September to November

Granule size: Micro granule

Recommended spreader: AccuPro 2000

Landscaper Pro Moss Control is the ideal way to control moss while feeding a lawn. It simultaneously stimulates the grass plant and rapidly covers bare patches. Results are visible within days.

**6-8
Weeks**

- Apply fertilizer and control moss in one application
- Nitrogen helps turf outcompete moss and fill in bare patches
- Fine granules ensure maximum contact with moss for optimum control

Landscape Pro Shade Special



Suggested application period: March to May

Granule size: Micro granule

Recommended spreader: AccuPro 2000

Shade Special has been developed specifically for grass that gets little or no sunlight. The soil fixes nutrients then releases them for use by the plant over a six week period. Grass recovers more easily after winter. High iron content results in an attractive green colour and helps combat moss growth.

**6
Weeks**

- High nitrogen content stimulates growth
- High iron content for a rich green colour and moss suppression
- Visible effects within a few days

Note: Remove from patios, tiles and other hard surfaces immediately to avoid rust patches caused by the iron content of this product.



H₂Pro® Wetting Agent - H₂Pro Conserve Granular

Suggested application period: March to November

Granule size: Micro granule

Recommended spreader: AccuPro 2000



H2Pro is a long-acting wetting agent for the retention and effective use of water, with preventative and corrective effects. It reduces the number of overly wet and overly dry patches and prevents water-repellent areas occurring in the soil. Produces turf that grows well throughout the summer, with no dry patches which significantly reduces the amount of watering required. In the winter it improves surface drainage to prevent water logging.

- Reduces water requirements in summer
- Prevents dry patches
- Improves surface drainage of water in winter
- Granule penetration within two days (visual penetration of the surface)



Border & container fertilizers

Landscaper Pro Flora



Suggested application period: March to November

Recommended spreader: Handy Green II

Landscaper Pro Flora is based on ICL's renowned Osmocote technology and has been specially developed for borders, shrubs, trees, containers, potted plants and hanging baskets.

Nutrients are released gradually and evenly throughout the season for consistent, healthy and stunning blooms. Added magnesium gives foliage an attractive green colour.



- A single application of fertilizer for an entire growing season
- Even growth for healthy plants and profuse flowering

For more extensive fertilizer solutions visit: www.LandscaperPro.eu



Lawn & Landscape repair kit

Landscaper Quick Seed Pro



Quick Seed Pro is a unique all-in-one lawn & landscape repair kit, containing turfgrass seeds, long-acting fertiliser and growing medium. It enables users to repair damaged or thinned areas of lawn in one easy application.

The use of an organic substrate provides a growing medium and protection for seedlings in the early stages of growth. Combined with a recycled nutrition and high quality turfgrass seed, it creates an environmentally friendly, effective solutions for lawn repair.

- Quick establishing seed
- Recycled nutrition for superior rooting
- Organic substrate for water retention
- All-in-one application

Coverage: 10 kg for 75 m²

Recommended application rate:

Thinned areas: 130-150 g/m²

Bald spots: 300 g/m²

Mowing height: 25-45 mm

GRASS SEEDS

Selecting the right seed

What's your lawn type?

Ornamental

A lawn that needs to look good and maintain its colour, all year round.

Family Play, Recreation & Sports

A strong lawn that resists wear, recovers quickly, needs low maintenance and remains attractive.

Shade

For lawns that get little sunlight and to combat moss growth.

Multi Purpose

For lawns that are required to grow in challenging conditions whilst still producing a great lawn.

Landscape Pro Finesse (Ornamental)



- Fine grass leaves and a dark green colour all year round
- A dense sward with good disease resistance
- Low nitrogen, low maintenance
- Includes ryegrass for fast initial growth and good tread resistance
- Includes red fescue for drought tolerance and use in shade

Pack size: 5 kg & 10 kg bags

Sow: 25-30 grams/m²

Spreader: All spreaders

Recommended fertilizer type:

Micro and Mini granules

Recommended mowing height:
from 15 mm

Landscape Pro Sun & Shade



- Specifically for shady areas where there's little sunlight
- Low nitrogen, low maintenance
- Includes grass varieties selected for deep rooting for enhanced drought and shade tolerance
- Includes red fescue for fine leafed appearance
- Performs equally well in bright sunlight

Pack size: 5 kg & 10 kg bags

Sow: 25-30 grams/m²

Spreader: All spreaders

Recommended fertilizer type:

All granules

Recommended mowing height:
from 20-25 mm



Landscaper Pro Rapid

- Designed for rapid establishment
- Creeping growth habit for improved soil stability
- Dense attractive turf
- Deep rooting for enhanced drought tolerance
- Adaptable to lawn or landscaping use

Pack size:

5 kg, 10 kg & 20 kg bags

Sow: 30-35 grams/m²

Spreader: All spreaders

Recommended fertilizer type:

All granules



Landscaper Pro Performance (Hardwearing)

- Bred for sports fields so ideal for family lawns used by children and pets
- Produces a strong, dense sward that wears well and grows again quickly
- Includes red fescue for a fine leafed and decorative appearance

Pack size: 5 kg & 10 kg bags

Sow: 30-35 grams/m²

Spreader: All spreaders

Recommended fertilizer type:

All granules



Landscaper Pro Supreme (Multi purpose)

- A multi purpose blend where drought tolerance and durability is required
- All year round performance
- Reduced water requirements once established
- Designed for rapid establishment
- Tolerant of varying soil types to higher temperatures

Pack size: 5 kg & 10 kg bags

Sow: 25-30 grams/m²

Spreader: All spreaders

Recommended fertilizer type:

All granules



Smart Start technology

Some ICL seed features unique Smart Start technology, a natural biodegradable coating that absorbs 500 times its own weight in moisture, providing a gel layer around each seed. A constant supply of moisture gives seeds the best chance of successful, rapid germination and growth.



Easy to use spreaders

For the best results, a reliable and accurate spreader is an essential piece of equipment for the professional landscaper. ICL offers three durable and easy to use spreaders.



HandyGreen II

The ICL HandyGreen II is a hand held, rotary broadcast spreader.

- Lightweight and easy to use
- Ergonomically designed to reduce wrist fatigue
- Features a rustproof hopper and agitator



AccuPro 2000

The AccuPro 2000 is a broadcast rotary spreader designed to apply grass seed and fertilizer accurately. It has a capacity of 42 litres (or 22 kg) and a spreader width of 2-6 metres. It also has a consistent spread pattern, no matter what the particle density.

- Patented Helical Cone for even spread pattern
- Solid, durable framework
- Large wheels for easy pushing
- Comfortable foam grips on an extended handle



Classic Drop Spreader

The Classic Drop Spreader is ideal for distributing grass seed or uncoated fertilizer over large lawns. Its plastic hopper holds enough fertilizer (32 kilos) to cover up to 950m². It distributes product evenly over a 55cm area, for maximum coverage with less refilling.

- Comes assembled and ready for use
- Heavy-duty frame
- U-shaped gripped handle for easy steering
- Not suitable for use with coated fertilizers

Spreader settings

Product Name	Rate (g/m ²)	AccuPro 2000				Classic Drop		
		Cone Setting	Spread width	Single Pass @ Full Rate	Double Pass @ Half Rate	Spread width	Single Pass @ Full Rate @ 5kph	Single Pass @ Full Rate @ 8kph
Maintenance 4212 24/05/2012	35							
Maintenance 4167 20-5-8+2MgO	35	4	4.7m	T 1/2	-		6.5	
Stress Control 5221 16/05/2022	35	4	4.8m	R	-		4	
Stress Control 4265 15-0-25+4MgO	35	4	4.7m	T 1/2	-		5	
New Grass 4193 20-20-8	20	4	4.8m	N	-		2.5	
	30	4	4.8m	P	-		3.5	
	35	4	4.8m	R	-		4	
New Grass 4280 16-25-12	25	4	4.7m	Q	M			
	30	4	4.7m	R 1/2	N			
	35	4	4.7m	T 1/2	O			
	40	4	4.7m	V	O 1/2			
	45	4	4.7m	X	P			
	50	4	4.7m	n/a	Q			
	55	4	4.7m	n/a	R			
	60	4	4.7m	n/a	R 1/2			
All Round 4198 24-5-8+2MgO	30	4	4.8m	P	-		3	
	45	4	4.8m	T	-		4	
Pre-Winter 4242 14-5-21+2MgO	30	4	4.7m	R 1/2	-		3.5	
	45	4	4.7m	X	-		4.5	
Full Season 8732 27-5-5+2MgO	40	4	4.7m	V	-		4	
	60	4	4.7m	R 1/2 double pass	-		6.5	
Weed Control + Fertilizer 4370 22-5-5+2,4D+Dicamba	20	8	3.7m	L	-		2	
Moss Control + Fertilizer 4073 18-0-0+Fe	30	8	3.7m	O	-		3.5	
	35				-		3.75	
	40	8	3.7m	Q	-		4	
H ₂ Pro Conserve granular 0016876	20	5	4.0m	M	-		3.5	
Shade Special 5224 11-05-05 +8Fe	35	6	3.7m	N	-		4.5	
Universtar (polyhalite & Poly-S based) 15-5-16	25	6	3m	L	I 1/2	0.55m		2.25
	30	6	3m	L 1/2	J	0.55m		2.5
	35	6	3m	M	J 1/2	0.55m	2	3
	40	6	3m	M 1/2	K	0.55m	2.5	3.5

Common problems & diseases

Shading

Shade from trees or buildings can reduce air flow, increasing water retention and decreasing resistance to disease. In low light conditions, plants naturally grow upwards, competing for light. Turf growing in shade has a thinner leaf cuticle making the plant more susceptible to disease.

Product: Sun & shade



Red Thread

Causal organism: *Laetisaria Fuciformis*

Red Thread occurs mostly on turf where soil nitrogen levels are low. Compacted soils and poor rooting can increase disease occurrence.

Product: Maintenance fertilizer



Microdochium Patch

Causal organism: *Microdochium nivale*

Develops under various conditions: wet, humid, cool (0-15C); high nitrogen (N) fertility in autumn and excessive thatch. Appears in circular patches up to 300mm in diameter. Leaves become water soaked, turn reddish-brown then bleached.

Product: Pre winter, Stress control



Moss

Mosses are normally found in cool, shady moist conditions. Turf with poor density is susceptible to moss infestation. Causes of poor density could be under fertilization, over-watering, scalping from mowing and shady conditions.

Product: Weed control



Weeds

Turf with poor density is susceptible to weeds as seeds have room to develop. Causes of poor density could be under fertilization, over-watering, scalping from mowing and shady conditions.

Product: Pre winter, Stress control



Anthracnose

Causal organism: *Colletotrichum cereale*

Anthracnose attacks grass plants (normally only *Poa annua*) when they are under environmental stress. The disease is triggered by low nutrition and compaction which reduces turf vigour.

Product: Weed control



Highly effective

whatever the circumstance

Landscapers are used to tackling challenges to keep our gardens and public spaces in the best condition, especially in urban areas. There may be high levels of traffic; people and animals, small, irregular shaped or areas that are hard to get to. Getting access to the water supply and having adequate facilities for preparation and distribution of mixtures are all important too.

As well as these everyday operating limits, there may also be frequent pest or parasites attacks and tight response times.

Recognising the complexity of plant health management in the urban environment, we have developed specific formulations and new methods to simplify implementation, streamline lawncare and landscape maintenance.

Landscapers who choose ICL technologies for the urban landscape have a distinct advantage; the latest generation varieties highly tolerant to attacks of pathogens, controlled release fertilizers that reduce susceptibility to diseases and the latest generation of plant protection products.

Quality assured



We listen to the needs of landscaping professionals.



We develop formulations best suited to the environment.



We test innovations to meet the highest efficacy and safety standards.



We register the most suitable specific formulations together with our partners.

Specifically for landscapes

Weed Control, Dicotex, Ready Germiplus, Greenex, Martò, Flare Gold G, Previter, Lizocin and Player GR are all specific formulations for use in landscaping.

Granular products are ready to use, for easy and even distribution with ICL spreaders. Liquid formulations are designed to be easily applied in all conditions.

Advantages

Greater efficiency

- fewer applications
- less plant protection product required
- better quality turf

Gretaer ease of use

- ready to use granular formulation
- lower risk of run off
- lower risk of inaccurate application
- less impact on environment
- safer application for operator

ICL Controlled Release Fertilizers - your best option

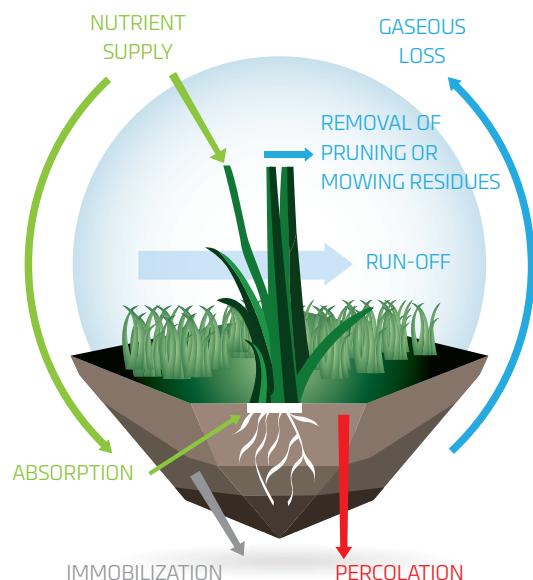
Controlled Release Fertilizers (CFR) release nutrients over a set period, providing a steady and reliable method of growing healthy, high quality lawns.

CRF fertilizers produce the best results with the minimum inputs. Precision nutrition means using just the right amount of product, less often. So using a high quality, concentrated product more efficiently saves time and money. CRF is a more cost effective option, combining excellent product performance, environmental care and value for

money. Conventional fertilizers release all their nutrients immediately after application. These products produce turf quickly in terms of colour and growth, but they also increase nutrient losses through surface run-off and leaching and produce growth flushes which require additional mowing.

Nutrition of turf

Fertilizers boost nutrient levels available. For steady growth plants need just the right quantities of magnesium, copper, zinc, iron, manganese, boron and molybdenum, plus a balanced supply of nitrogen, phosphorus and potassium. The absence of any one element has a negative impact. Nutrients can be classified as macro elements or trace elements; macro needed in far greater quantities than trace, but all are equally important for good plant health.



MACRO

- Carbon (C)
- Hydrogen (H)
- Oxygen (O)
- Nitrogen (N)
- Phosphate (P)
- Potassium (K)
- Calcium (Ca)
- Magnesium (Mg)
- Sulphur (S)

TRACE

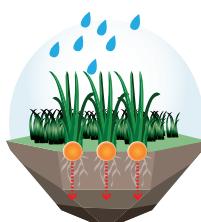
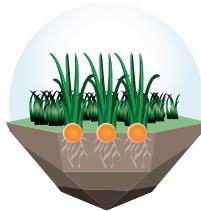
- Iron (Fe)
- Zinc (Zn)
- Copper (Cu)
- Manganese (Mn)
- Molybdenum (Mo)
- Boron (B)
- Chlorine (Cl)

How Controlled Release Technology works

CONVENTIONAL FERTILIZER

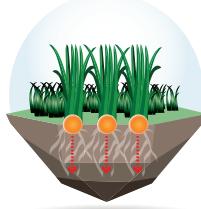


LANDSCAPERPRO



All nutrients are released immediately.
Those in excess are soon washed away by rain or leach into the soil by percolation, so that nutrients are no longer available to the plants.

Each day, granules release only the nutrients that are needed.
With minimum run-off or percolation, more nutrients are available to the plant for longer.



Nutrients are taken up quickly by plants, resulting in growth spurts but poor root development which requires more frequent fertilization, resulting in extra mowing.

Gradual nutrition increases root development and produces uniform, healthy growth.
Fewer applications with slow release technology.



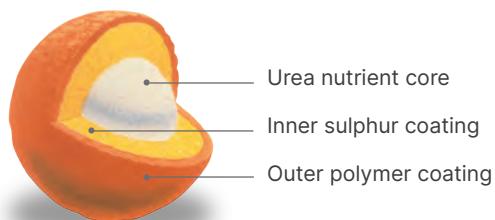
Research and development of innovative solutions has always been our mission. First in the field of controlled release fertilization, ICL has developed and patented technologies that set the benchmark for international standards.

From an extensive ICL portfolio of technologies applied to the slow release of nutritional elements, our experts have selected Poly-S and PACE to develop Landscaper Pro products.



POLY-S

Technology utilizing urea coated by a layer of sulphur and a polymeric membrane - which are completely biodegradable.

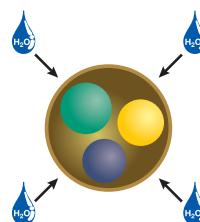


- When moisture penetrates, nitrogen is released. With LandscaperPro products, the release process can last up to 3 months
- Changes in soil temperature and humidity do not affect the rate of nutrient release
- Result: a release curve that responds to the plant's nutritional needs
- Nutritional elements are absorbed effectively, avoiding run-off and losses through percolation
- Longer intervals between mowing, fewer clippings and reduced costs

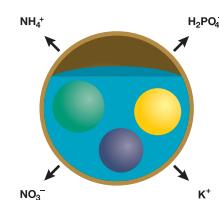


PACE

Technology featuring NPK and micro elements encapsulated in a vegetable-based, semi-permeable resin membrane.



1. Water vapour penetrates the resin membrane enveloping the granule



2. Nutrients dissolve inside the granule and are forced out by pressure and released into the soil

- The patent resin membrane ensures constant and pre-set doses of nitrogen, potassium and phosphorus
- LandscaperPro product coating incorporating PACE technology for nutrient release that last up to 6 months
- Release occurs at a steady rate in all weather conditions
- Result: plants remain strong, dense and deep rooted throughout the season

Advantages

- Changes in soil temperature and humidity do not affect the rate of nutrient release
- Optimum use of nutrients
- Release of nutrients suited to the plant's needs

- Better for the environment
- Superior quality of grass cover
- Less frequent cutting, fewer clippings and mowing waste



As part of the ICL Group, we strive to bring you the most technically advanced specialty fertilizers and nutrition programmes, turf seed, plant protection products and growing media to help you meet the demands of modern day turf and amenity 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 UK and Ireland.

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 & Amenity technical teams and our network of distributors, we look forward to working with you and supporting you in all aspects of your turf and amenity management.

Impact for a sustainable future

We continually invest in new products and have some of the most advanced Research and Development facilities in the world. Yet we are also committed to sustainability, to help 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 some of the world's finest sporting venues, trust our technologies to help them produce high-quality turf for sports and amenity use.

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 ... iTurf.

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 comply with increasing rules and regulations regarding chemical application. It also helps them maintain healthy turf through long-term sustainable management.

Integrated Turf Management: Stronger and healthier turf with lower inputs



- Controlled release fertilizers
- Slow release fertilizers
- Grass seed
- Plant protection products
- Speciality products





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