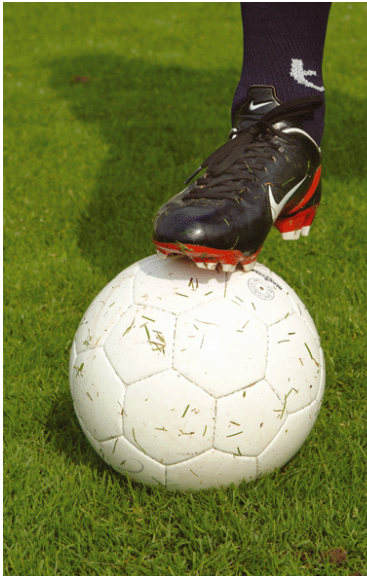


Product Range information

SierrablenPlus®

3
MONTHS

4-5
MONTHS



BRAND DESCRIPTION

Sierrablen Plus utilizes the very latest controlled release coating technologies (Poly-S) on mini granules for use on a wide variety of turf surfaces from golf tees to sports fields. Sierrablen Plus has been designed for specific growth stages so that nutrients are released at the optimum rate according to plant requirements. The application of a new coating technology guarantees a longer-lasting effect and a fast start. The smaller granule of Sierrablen Plus is distributed better and is easily absorbed. The controlled release technologies in Sierrablen Plus have different release patterns based on Poly-S and Resin coating.

FORMULATION TYPE

Mini Prill

BRAND ADVANTAGES

1. Unique Poly-S controlled release mini granules
2. Controlled release Nitrogen and Potassium
3. Excellent longevity from mini granules (3M and 5M ranges)
4. Suitable for use on areas mowed down to 6 mm
5. Free flowing with good spread characteristics
6. Wide choice of analyses for the correct nutrient input for each growth phase
7. High analysis + low application rate = cost effective + less bags to handle
8. Extremely safe to use due to controlled nutrient release N&K and low Salt Index



TECHNOLOGY

Poly-S	PACE	TMax	MU ₂	SilK	Pro-Lite

USE

Green	Tee	Fairway	Sports field	Amenity
	✓✓	✓✓	✓✓	✓✓

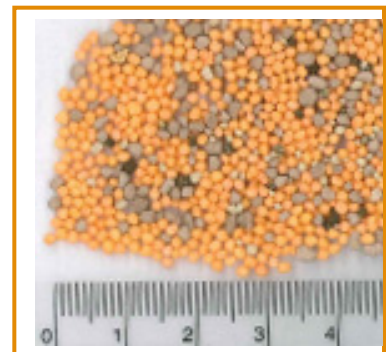
PERFORMANCE*

Granule dispersal: 7 days (visually dispersed from surface)

Turf response: 7 days

Longevity: 3 months and 4-5 months

* depending on environmental factors



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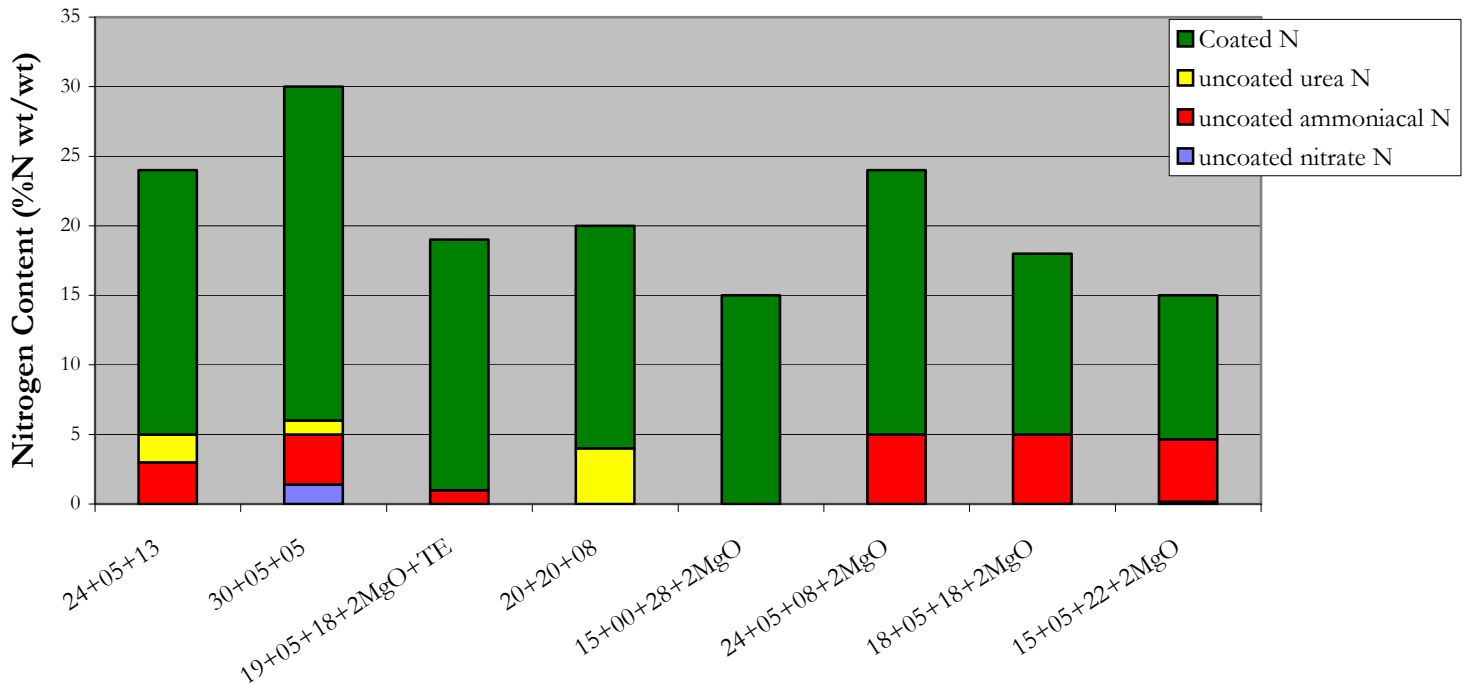
Growing success

TECHNOLOGY STATEMENT

Poly-S is a controlled release nitrogen source that delivers nutrients gradually over the claimed longevity. By utilising a combination of primary sulphur coating followed by an exclusive outer polymer coating, the release is more predictable and the risk of catastrophic release seen with sulphur coated ureas is avoided. Nutrient release is primed by moisture permeating through the outer polymer channels, through cracks in the sulphur layer and into the nutrient core where the urea is solubilised. Once the urea is solubilised, it will then move back through the same pathways to the outside where it is released and made available for plant uptake. Large changes in soil temperature and/or moisture do not result in severe fluctuations in the release pattern, ensuring that the Poly-S provides a non-surge growth characteristic accompanied by healthy green turf. In dry or cold conditions nutrient release will slow or stop all together.

Resin coated fertilizers rely on soil temperature as their sole mechanism of nutrient release. On application to turf, the resin granule takes up moisture from its environment, gradually dissolving the enclosed nutrients. At soil temperatures above 6°C pressure starts to build up within the granule forcing nutrients through the semi-permeable resin coating. The length of release is determined by the resin type and thickness of the coating surrounding the granule. The thicker that coating, the slower the daily release rate and so the longer the product lasts. Therefore, nutrients are accurately released, matched exactly to turf growth requirements. The release is not influenced by soil moisture levels, pH or bacterial activity and remains consistent over a wide range of environmental conditions.

N-CONTENT



HE COMPLETE SIERRABLEN PLUS RANGE

Product name	Analyses	Recommended period of use
Longevity: 3 months		
Spring Starter	24+05+13	J F M A M J J A S O N D
N-Start	30+05+05	J F M A M J J A S O N D
Active	19+05+18+2MgO+TE	J F M A M J J A S O N D
Renovator	20+20+08	J F M A M J J A S O N D
Stress Control	15+00+28+2MgO	J F M A M J J A S O N D
Longevity: 4-5 months		
Spring Starter	24+05+08+2MgO	J F M A M J J A S O N D
Active	18+05+18+2MgO	J F M A M J J A S O N D
Stress Control	15+05+22+2MgO	J F M A M J J A S O N D



Growing success