

# Product Information

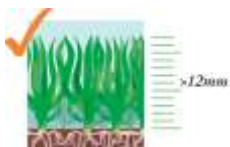
4-5

## Sierrablen®

38-0-0



New packaging 2013



### Product description

Sierrablen utilizes the very latest controlled release coating technologies on standard sized granules, for use on a wide variety of turf surfaces from tees to sports fields. Sierrablen 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 controlled release technologies in Sierrablen have different release patterns based on Poly-S and Resin coating.

### Product advantages

1. Controlled released Nitrogen matches plant requirements to give continuous growth over 4-5 months.
2. Nitrogen only released in conditions favourable to turf grass growth, therefore helping to pre-stress condition the plant.
3. Can be used as a base feed at lower rates and supplemented with additional nutrients as required.

### Technology

Poly-S	Pace	TMax	Mu <sub>2</sub>	Silk	Pro-Lite

### Use

Green	Tee	Fairway	Sportsfield	Amenity
	✓	✓✓	✓✓	✓✓

### Recommended Period for use

J	F	M	A	M	J	J	A	S	O	N	D
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### Performance\*

Granule dispersal: 10 days (visually dispersed)

Turf response: 10 days

Longevity: 4-5 months

\* depending on environmental factors

### Product characteristics

Bag size: 25kg

Application Rate: 30 - 45g/m<sup>2</sup>

Bag coverage: 556 - 833m<sup>2</sup>

Particle size: 1.8 - 4.0mm

Granule count: 80 granules/gram



### Nutrient levels applied (kg/ha)

30g/m <sup>2</sup>			35g/m <sup>2</sup>		
N	P	K	N	P	K
114.0	0.0	0.0	133.0	0.0	0.0

40g/m <sup>2</sup>			45g/m <sup>2</sup>		
N	P	K	N	P	K
152.0	0.0	0.0	171.0	0.0	0.0

### Directions for use

- Apply to dry foliage.
- Watering-in after application aids dispersion and gives a quicker initial effect.
- Avoid applications during frosty or drought conditions.
- Applications should be made after aeration programmes such as hollow tining, slitting and/or scarification to prevent granules damage.

### Health & Safety

A Material Safety Data Sheet is available on request.

### Storage

Keep away from heat and sources of ignition. Keep away from food, drink and animal feeding stuffs. For quality reasons: Keep out of reach of direct sunlight, store under dry conditions, partly used bags should be closed well. Keep at temperatures between 0°C and 40°C.

### Guaranteed analysis

38.0 %	<b>TOTAL NITROGEN (N)</b> 38.0% urea nitrogen (Ur-N)
33.2%	<b>SULPHUR TRIOXIDE TOTAL (SO<sub>3</sub>)</b> 13.3% sulphur total (S)
100%	Coated N of total N

### Spreader Settings

Spreader type	Application method	Cone setting	Spreader width (m)	Application rate (g/m <sup>2</sup> )			
				30	35	40	45
Rotary Spreader SR-2000 or Accupro 2000	1 x pass	4	4.7	R ½	T ½	V	X
	2 x pass	4	4.7	N	O	O ½	P

### The complete Sierrablen range

Analyses	Longevity	Recommended period of use											
		J	F	M	A	M	J	J	A	S	O	N	D
38-0-0	4-5 months	J	F	M	A	M	J	J	A	S	O	N	D
28-5-5+Fe	5-6 months	J	F	M	A	M	J	J	A	S	O	N	D
15-0-22+Fe	5-6 months	J	F	M	A	M	J	J	A	S	O	N	D
27-5-5+Fe	8-9 months	J	F	M	A	M	J	J	A	S	O	N	D

### Everris Limited

Epsilon House, West Road, Ipswich IP3 9FJ  
T +44 (0)844 8094470 F +44 (0)1473 237128  
E prof.sales@everris.com W www.everris.co.uk



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