

# Product information

# Sierrablen®

**8-9**  
MONTHS

**27+05+05+Fe**

Itemcode: 8732

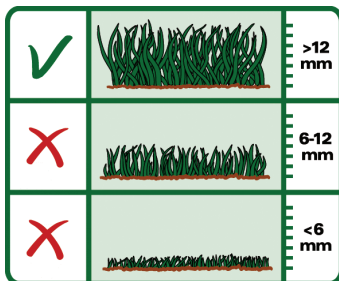


## PRODUCT DESCRIPTION

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 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 controlled release technologies in Sierrablen Plus have different release patterns based on Poly-S and Resin coating.

## PRODUCT ADVANTAGES

1. A one application per season, NPK fertilizer.
2. Controlled released nitrogen matches plant requirements to give continuous growth over 8-9 months.
3. Nitrogen only released in conditions favourable to turf grass growth therefore helping to pre-stress condition the plant.
4. Contains controlled release NPK and a low amount of readily available Nitrogen for an immediate response even at low temperatures.
5. Can be used as a base feed at lower rates and supplemented with additional nutrients as required.
6. Contains magnesium to enhance colour.



## TECHNOLOGY

MU	Fused K	Zeolite	T-Max	Poly-S	Resin	Organic

## USE

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

## RECOMMENDED PERIOD FOR USE

J	F	M	A	M	J	J	A	S	O	N	D

## PERFORMANCE\*

Granule dispersal: 10 days (visually dispersed)

Turf response: 10 days

Longevity: 8-9 months

\* depending on environmental factors



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Growing success

## PRODUCT CHARACTERISTICS

Bag size:	25 kg
Application Rate:	40-60 g/m <sup>2</sup>
Bag coverage:	417-625 m <sup>2</sup>
Particle size:	1.8-4.0 mm
Granule count:	58 granules/gram

## NUTRIENT LEVELS APPLIED (KG/HA)

40g/m <sup>2</sup>			50g/m <sup>2</sup>		
N	P	K	N	P	K
108	20	20	134	25	25

60g/m <sup>2</sup>		
N	P	K
162	30	30

## 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.

## 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.

## HEALTH & SAFETY

A Material Safety Data Sheet is available on request.

## GUARANTEED ANALYSIS

### 27.0 % Nitrogen (N)

- 4.0% nitrate nitrogen
- 5.0% ammoniacal nitrogen
- 18.0% urea nitrogen

### 5.0% Phosphorus pentoxide (P<sub>2</sub>O<sub>5</sub>)

- 4.1% water soluble
- 2.2% Phosphorus (P)
- 1.8% water soluble

### 5.0% Potassium Oxide (K<sub>2</sub>O)

- Water soluble (chloride free)
- 4.1% Potassium (K), water soluble
- 0.5% Iron total (Fe), 0.45% water soluble
- 24.6% Sulphur trioxide total (SO<sub>3</sub>)
- 9.8% Sulphur total (S)
- 98% Coated N of total N
- 55% Coated P<sub>2</sub>O<sub>5</sub> of total P<sub>2</sub>O<sub>5</sub>
- 100% Coated K<sub>2</sub>O of total K<sub>2</sub>O

## SPREADER SETTINGS

Spreader type	Application method	Cone setting	Spreader width (m)	Application rate (g/m <sup>2</sup> )		
				40	50	60
Rotary Spreader SR-2000 or Accupro 2000	1x pass	4	4,7	V	Q x2	R <sup>1</sup> / <sub>2</sub> x2
	2x pass	4	4,7	O <sup>1</sup> / <sub>2</sub>	Q	R <sup>1</sup> / <sub>2</sub>

## THE COMPLETE SIERRABLEN RANGE

Analyses	Recommended period of use											
23+05+05	J	F	M	A	M	J	J	A	S	O	N	D
31+05+07	J	F	M	A	M	J	J	A	S	O	N	D
25+05+10	J	F	M	A	M	J	J	A	S	O	N	D
16+08+16	J	F	M	A	M	J	J	A	S	O	N	D
15+00+15+4MgO	J	F	M	A	M	J	J	A	S	O	N	D
16+25+12	J	F	M	A	M	J	J	A	S	O	N	D
38+00+00	J	F	M	A	M	J	J	A	S	O	N	D
28+06+05+4MgO	J	F	M	A	M	J	J	A	S	O	N	D
24+05+10+2Fe	J	F	M	A	M	J	J	A	S	O	N	D
22+00+20	J	F	M	A	M	J	J	A	S	O	N	D
14+05+21+2MgO	J	F	M	A	M	J	J	A	S	O	N	D
28+05+05+Fe	J	F	M	A	M	J	J	A	S	O	N	D
15+00+22+Fe	J	F	M	A	M	J	J	A	S	O	N	D
27+05+05+Fe	J	F	M	A	M	J	J	A	S	O	N	D
22+06+11+Te	J	F	M	A	M	J	J	A	S	O	N	D