

# Product Information

Driven by innovation  
Inspired by nature

## ProTurf®

20-0-7+3CaO+3MgO

20-0-5.8+2.1Ca+1.8 Mg



### Product description

ProTurf contains a combination of Poly-S controlled release fertilizer technology, readily available urea nitrogen and a unique multi-nutrient compound fertilizer. The controlled release technology leads to consistent, regular growth over a 2-3 month period without growth peaks. The uncoated nitrogen portion of this fertilizer allows an immediate response of the turf, even in cooler conditions. The multi-nutrient compound fertilizer component contains four macro-nutrients (K, MgO, CaO & S) all in one granule.

### Product advantages

1. Ideal first controlled released fertilizer application of season.
2. Specially selected technology for quick reaction in cooler conditions.
3. Encourages healthy balanced growth at start of season.
4. High Calcium content for strong hard wearing turf.
5. High Magnesium content for enhanced colour.

### 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: 8 days (visually dispersed from surface)  
 Turf response: 7 days  
 Longevity: 2 months  
 \* depending on environmental factors

### Product characteristics

Bag net weight: 25 kg  
 Application Rate: 20-35 g/m<sup>2</sup>  
 Bag coverage: 714-1250 g/m<sup>2</sup>  
 Particle size: 1.0-2.5 mm  
 Item code: 4133



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## Nutrient levels applied (kg/ha)

20 g/m <sup>2</sup>			25 g/m <sup>2</sup>		
N	P	K	N	P	K
40.0	-	14.0	50.0	-	17.5

30 g/m <sup>2</sup>			35 g/m <sup>2</sup>		
N	P	K	N	P	K
60.0	-	21.0	70.0	-	24.5

## 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.
- Watering-in after application will minimize foot printing risk.
- Applications should be made after aeration programmes such as hollow tining, slitting and/or scarification to prevent granule damage.

## Spreader Settings

Spreader type	Application method	Cone setting	Spreader width (m)	Application rate (g/m <sup>2</sup> )			
				20	25	30	35
Rotary Spreader SR-2000 or Accupro 2000	1x pass	6	3.0m	K	L	L1/2	M
	2x pass	6	3.0m	I	I1/2	J	J1/2
Drop Spreader SS-2	1x pass	n/a	n/a	n/a	n/a	n/a	n/a
	2x pass	n/a	n/a	n/a	n/a	n/a	n/a

## The complete ProTurf range

Analyses	Recommended period of use											
20-0-7+3CaO+3MgO	J	F	M	A	M	J	J	A	S	O	N	D
18-0-7+3CaO+3MgO	J	F	M	A	M	J	J	A	S	O	N	D
21-5-6+2.6MgO+2.6CaO	J	F	M	A	M	J	J	A	S	O	N	D
15-5-15+2.4MgO+2.4CaO	J	F	M	A	M	J	J	A	S	O	N	D
12-5-20+2.2MgO+2.2CaO	J	F	M	A	M	J	J	A	S	O	N	D

## 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 and safety

A Material Safety Data Sheet is available on request.

## Guaranteed analysis

- 20% **TOTAL NITROGEN (N)**  
20% urea nitrogen,
- 7% **POTASSIUM OXIDE (K<sub>2</sub>O)** water soluble  
5.8% Potassium (K) water soluble
- 3% **CALCIUM OXIDE (CaO)** water soluble  
2.1% Calcium (Ca) water soluble
- 3% **MAGNESIUM OXIDE (MgO)** 2.5% water soluble  
1.8% Magnesium (Mg) 1.5% water soluble
- 29% **SULPHUR TRIOXIDE TOTAL (SO<sub>3</sub>)**  
11.6% sulphur total (S)

\* 25% Coated N of total N