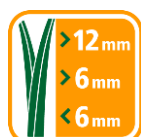


Vitalnova®



Product description

Vitalnova is a liquid soil micro flora activator for advanced turf grass nutrition. Its compounds are a balanced complement of macro and micro nutrients, simple sugars supplying carbohydrates and seaweed extract.

Product advantages

1. Directly increases carbohydrate levels within grass plant.
2. Increases mycorrhizal numbers and enhances nutrient uptake.
3. Increases soil bacterial populations and soil nutrient cycling is enhanced.
4. Improved rooting structure.
5. Faster seed emergence and establishment.
6. Previously locked-up nutrients in the soil are released to enhance colour and turf health.
7. Trace element package to enhance turf health and aid recovery from stresses.

Technology

Poly-S	Pace	TMax	Mu ₂	Silk	Pro-Lite	Biostimulant

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*

Product dispersal: immediate
 Turf response: < 24 hours
 Longevity: 3-6 weeks (depending on rate)
 * depending on environmental factors

Product characteristics

Pack size (L) : 10&200L
 Application Rate (initial): 50L/Ha (5L/1,000m²)
 Application Rate (follow-up): 25L/Ha (2.5L/1,000m²)
 Water volume: 200L/Ha (minimum)
 (20L/1,000m²)
 Pack coverage (10L): 2,000-4,000m²
 Pack coverage (200L): 40,000-80,000m²
 Specific Gravity (Kg/L): 1.36
 Item code: 4483

Nutrient levels applied (L/ha)

25 L/ha			45 L/ha			50 L/ha		
N	P	K	N	P	K	N	P	K
2.04	1.02	1.02	3.67	1.84	1.84	4.08	2.04	2.04

Directions for use

- The product should be applied in good growing conditions and when the soil temperature is above 10°C for the first application.
- Apply first treatment at 50L/ha then follow up with 25L/ha at 5-6 week intervals.
- Avoid applications if turf is under stress such as during frosty or drought conditions.
- Avoid application late in season when turf is going into winter dormancy or when growth is significantly slowed.
- Mix the can well before use.
- Approximately half fill the spray tank with water and add required amount of Vitalnova and agitate thoroughly adding the remaining water.
- The product should be well watered-in after application.
- Can be tank mixed with Greenmaster Liquid fertilizers (with exception of Ca-Booster) and H₂Pro wetting agent range.
- Mix with TurfMark Extra spray pattern indicator to aid spraying, to condition water and minimize spray drift.

Storage

Keep at temperatures below 30°C. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight.

Health and safety

A Material Safety Data Sheet is available on request.

Guaranteed analysis

6%	TOTAL NITROGEN (N) 5.0% nitrate nitrogen (NO ₃ -N)
3.0%	PHOSPHORUS PENTOXIDE (P₂O₅) 1.3% Phosphorus (P)
3.0%	POTASSIUM OXIDE (K₂O) 2.5% Potassium (M)
0.33%	MAGNESIUM OXIDE (MgO) 0.2% Magnesium (Mg)
0.08%	Boron total (B) water soluble
0.006%	Cobalt total (Co)
0.020%	Copper total (Cu)
0.05%	Iron total
0.06%	Manganese total (Mn)
0.080%	Zinc total (Zn)
88.5%	Organic Material

Spray Advice

Spray quality	Size of droplets	Retention on leaf surface	Potential drift hazard*	Foliar application	Root application
Very fine	Fine	Good	High	x	x
Fine	↓	Good	↑	✓	x
Medium		Good		✓	✓
Coarse		Moderate		✓	✓
Very coarse	Coarse	Poor	Very low	x	x

* Spray drift can be minimized by using TurfMark Extra

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Everris International B.V. is certified according to ISO 9001, ISO 14001 and OHSAS 18001.

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