

## TECHNICAL DATA SHEET

### ND Plant Based Bio Fertilizer – Spring 11-0-5 (NPK)



ND Plant Based Bio Fertilizer –  
Spring 11-0-5 (NPK)

A fast acting fertilizer for extensive and intensive green roofs. It consists of organic raw materials with a substantial level of natural sugars. The special fermentation process upgrades these valuable raw materials to an excellent fertilizer. The high level of trace elements and natural sugars support a healthy soil life, provides enduring plant growth and assures that amino acids can even be absorbed at low temperatures. Because of the balance between slow and quick released nitrogen elements, the right nutrition is ensured over several weeks. Up to 50 % is available for the plant over the first 4 weeks followed by slower release of up to 3 months, depending on the dosage, bacterial activity, soil temperature and moisture of the soil.

#### Direction use

The granular is brown and round shaped assuring a good flow. The recommended dosage amounts are guidelines. Soil tests may be carried out to determine the ideal dosage. For the best result, especially when applying vegetation onto substrate replacements, we recommend two fertilizations – the 1st in March/April, the 2nd in June/July. Apply, best possible cross-wise, 50g/m<sup>2</sup> per fertilization. Avoid excessive use. The direct application on leaves of sensitive crops may cause burns. Always spray a good amount of water after the application.



ND Plant Based Bio Fertilizer –  
Spring 2 KG bag

#### Handling and storage

Granular is supplied without the use of preservatives. The product must be stored in undamaged and closed bags/containers, frost-free and away from direct sunlight when not in use. Keep out of areas of high humidity or wet areas. Wet material or application in moist surroundings can cause clogging of machinery. Shelf life 1 year. KEEP OUT OF REACH OF CHILDREN.

#### Health and safety information

Not intended for ingestion. Wash hands after use. While handling the product, wear protective clothing. In case of an accident or if you feel unwell, consult a doctor.



ND Plant Based Bio Fertilizer –  
Spring 25 KG bucket

#### Ingredients: Granulated extract of sugarcane molasses\*.

Total Nitrogen (N)	11 %	Copper (Cu)	0.0006 %
Phosphorus (P205)	0.4 %	Boron (B)	0.0007 %
Soluble Potash (K2O)	5 %	Manganese (Mn)	0.006 %
Calcium (Ca)	1.3 %	Molybdenum (Ma)	0.0001 %
Magnesium (Mg)	0.3 %	Zinc (Zn)	0.0002 %
Sodium (Na)	2.6 %	Organic matter	72 %
Iron (Fe)	0.05 %		

\* The analysis can deviate up to 15%

#### Advantages

- Easy to spread
- Supports soil life
- Natural fertilizer
- Efficient use of minerals
- Completely vegetable
- Increases abiotic stress tolerance
- Ensures stable plant growth
- Provides a compact root system

