



Organic
fertilizer



Topmix® 12-1-0

Compound power



Fruits



Potatoes, tubers
and root crops



Vegetables



Vinculture



Tree
cultivation



Cereals
and rice

Topmix® 12-1-0 is the ideal choice to provide sufficient nitrogen to the crop and to stimulate growth. Nitrogen is the element most required by plants. About 1-5% of the plants dry weight consists of N. Nitrogen is used to form proteins, DNA, chlorophyll, phytohormones and secondary metabolites. Thus, nitrogen is essential for plant growth and functioning. Plants limited in N show stunted growth and eventually chlorosis leading to yield loss. This fertilizer would be applicable before a growth burst in order to ensure plants with adequate nitrogen. Next to the N present in this fertilizer also trace elements are present to ensure the total spectrum for the plants.

This fertilizer contains no potassium. This is ideal for soils high in potassium, of soils where a lot of manure or compost is used with high potassium.

Benefits

- Provides sufficient nitrogen supply over a long period of time
- Provides a healthy soil life
- Allowed in organic cultivation (B-fertilizer)
- Excellent fertilizer in high potassium soils

General application advice

- Apply one week prior to planting and mix with the top layer of the soil
- If application before planting is not possible, apply before rain or use irrigation after application
- Trees: distribute the fertilizer within the area above the roots. If possible, mix into the soil
- Spread applications if necessary

Application & effect

Topmix® 12-1-0 is an easy to use fertilizer with high organic nitrogen content. Due to its high organic matter content, the nitrogen will be released gradually and soil life and health will be stimulated. This fertilizer is easy to apply in the field: the pellets can be spread over the land using a fertilizer spreader or by hand. The application of this fertilizer results in a sufficient nitrogen supply, healthy crop growth and increased yield.

Average composition Topmix® 12-1-0

Dry Matter	90% min.	Iron (Fe)	1200 mg/kg
Moisture	10% max.	Manganese (Mn)	300 mg/kg
Organic matter	75%	Zinc (Zn)	290 mg/kg
Nitrogen (total)	12,0%	Copper (Cu)	76 mg/kg
Nitrogen (organic)	10,3%	Boron (B)	33 mg/kg
Nitrogen (ammonium)	0,7%	Molybdenum (Mo)	4,7 mg/kg
Phosphorus (P ₂ O ₅)	1,4%	Cobalt (Co)	2 mg/kg
Potassium (K ₂ O)	0,5%	C/N	3,6
Calcium (CaO)	3,2%	pH (10% solutions)	6
Magnesium (MgO)	0,2%	Pellet diameter	5-6 mm / 3 mm (crumb)
Sulfure (SO ₄)	1,3%	Density	700 kg/m ³

Recommended quantities Topmix® 12-1-0

Plant / Crop	per hectare	per 100m ²
Potatoes	500 - 1250 kg	7,5 - 10 kg
Carrots	600 - 1250 kg	10 - 12,5 kg
Cassaves	750 - 1500 kg	10 - 20 kg
Asparagus	750 - 1500 kg	15 - 20 kg
Ground nuts	750 - 1250 kg	10 - 15 kg
Onions	500 - 1250 kg	20 - 30 kg
Legumes	500 - 1000 kg	7,5 - 12,5 kg
Tomatoes	750 - 1250 kg	10 - 15 kg
Cucumbers	750 - 1250 kg	10 - 15 kg
Eggplants	600 - 1250 kg	10 - 15 kg
Leeks	600 - 1250 kg	10 - 12,5 kg
Lettuces	750 - 1250 kg	10 - 12,5 kg
Cabbages	750 - 1250 kg	10 - 12,5 kg
Melons	1000 - 1500 kg	12,5 - 15 kg
(Straw)berries	1000 - 1750 kg	20 - 30 kg
Pineapples	1250 - 2000 kg	25 - 35 kg
Peppers	750 - 1250 kg	10 - 15 kg
Tobacco-plants	500 - 1250 kg	12,5 - 15 kg
Flowers / Roses	750 - 1250 kg	20 - 30 kg
Chrysanthemums	400 - 1250 kg	5 - 12 kg
Lawns / Sports fields	500 - 1250 kg	10 - 15 kg
Golf Courses	500 - 1000 kg	10 - 15 kg

Field	per hectare	per 100m ²
Cereals	300 - 500 kg	3 - 5 kg
Wheats	300 - 500 kg	3 - 5 kg
Rapeseeds	300 - 500 kg	3 - 5 kg
Maiz	300 - 750 kg	4 - 7,5 kg
Sunflowers	300 - 750 kg	4 - 7,5 kg
Rice	300 - 500 kg	3 - 5 kg
Cotton	750 - 1250 kg	10 - 15 kg
Sugarbeets	750 - 1250 kg	12 - 15 kg
Soybeans	1000 - 1500 kg	15 - 20 kg
Sorghum	1000 - 2000 kg	15 - 25 kg
Lawns / Golf Courses	500 - 1000 kg	10 - 15 kg

Tree / Shrub	per hectare / tree
Coffee	1 - 2 kg / tree / yield
Cocoa	2 - 5 kg / tree / yield
Tea	1500 - 2000 kg / tree / year
Rubber	2 kg / tree / year
Apples / Pears / plums	2 - 5 kg / tree / year
Olives	2 - 5 kg / tree / year
Citrus	2 - 4 kg / tree / year
Grapes / Vineyard	0,3 - 0,5 kg / tree / year
Pistaches	3 kg / tree / year
Papayas	750 - 1500 kg / year
Mangos	500 - 1250 kg / year
Bananas	1500 - 2000 kg / year

Above figures are an indication. The dosage depends on local soil & weather conditions.

Recommended rates are for full production tree/shrub/plant. For tree/shrub/plant in development stage or without production, rates can be lowered.

Above rates are advised on a complementary based fertilization. In most of the times extra nutrients should be applied depending on soil analysis or crop stage.

Packaging, transport & storage

Topmix® 12-1-0 is supplied in 25 kg bags or 500-1200 kg Big Bags. Must be stored in a dry, frost-free place, away from direct sunlight.
Shelf life: 3 years minimum.



Health and safety information

Not intended for ingestion. Wash hands after use. Wear protective clothing while using this product. In case of accident or if you feel unwell, seek medical advice.

KEEP OUT OF REACH OF CHILDREN

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