

Floranid® Twin Permanent 16-7-15(+2)



Slow-Release Fertilizers

Universal slow-release complex NPK fertilizer with ISODUR® and CROTODUR® (double N technology) for cultures on public greens, in landscaping, horticulture and tree nurseries.

- With the double N technology made of ISODUR® and CROTODUR®
- Reliable slow nitrogen release over several months
- Promotes vital root growth, increases the resistance of the grasses
- Reduction of workload, application risk and nutrient losses due to leaching
- Optimal granulation for a fine distribution

Description

Floranid® Twin Permanent is a universal long-term fertilizer for use on turf in various applications (sports turf, golf, ornamental and leisure turf). The balanced nutrient composition is also ideal for the use in ornamental plants, trees, shrubs and commercial horticulture. Floranid® Twin Permanent contains the double N technology made of ISODUR® and CROTODUR® for efficient and controlled nitrogen release over a period of up to 4 months. The activity index is over 95%. The double N technology ensures long-term nutrient supply, ensures maximum N efficiency and leads to optimum growth and good coloring. Each granule contains all nutrients and thus guarantees a very exact distribution of all nutrients.

Declaration

EU fertilizing product

MINERAL FERTILIZER - PFC 1(C)(I)(a)(ii)

NPK (MgO, SO₃) complex fertilizer, 16-7-15 (+2+21,25) with micronutrients

For use in horticulture.

Poor in chloride.

| Content | Nutrients | |
|---------|-------------------------------|--|
| 16,0% | N | total nitrogen 3,5% nitrate nitrogen 6,5% ammonium nitrogen 3,6% isobutylidene urea 2,4% crotonylideneurea |
| 7,0% | P ₂ O ₅ | total phosphorus pentoxide 5,5% water soluble phosphorus pentoxide 7,0% phosphorus pentoxide soluble in neutral ammonium citrate |
| 15,0% | K ₂ O | water soluble potassium oxide |
| 2,0% | MgO | total magnesium oxide 1,6% water soluble magnesium oxide |
| 21,25% | SO ₃ | total sulphur trioxide 20,0% water soluble sulphur trioxide |
| 0,01% | Cu | water soluble copper, as copper disodium, 100% chelated by EDTA |

| Content | Nutrients | |
|---------|-----------|------------------------------|
| 0,50% | Fe | total iron, as sulphate |
| 0,10% | Mn | total manganese, as sulphate |
| 0,01% | Zn | total zinc, as sulphate |

Chelated nutrients are stable in the pH range 4-8.

Use only if there is a recognized need. Do not exceed the application rate.

Storage conditions:

Protect stored fertilizer from frost, light, high temperatures and moisture. Avoid large temperature fluctuations. Do not stack more than two pallets. Only store in original packaging. Use up promptly once opened.

Information on safety and environment:

To avoid risks to human health and the environment, comply with the instructions for use.

EUH210: Safety data sheet available on request.

Granulometry: Granules, 90% < 2.8 mm

General information: FOR PROFESSIONAL USE

Application Recommendations

Golf Turf

Intended application

Soil application

Application frequency

1-3 per year

Application rate

Fairways

30-50 g/m²

Time of application

Follow regional recommendation

Sports Turf

Intended application

Soil application

Application frequency

Sports fields: 1-2 per year

Turf seeding: 1 per year

Application rate

Sports fields

30-50 g/m²

Time of application

Follow regional recommendation

Turf seeding

40-60 g/m²

Follow regional recommendation



Public Green

Intended application

Soil application

Application frequency

1-3 per year

Application rate

Public green areas

30-50 g/m²

Time of application

Follow regional recommendation

Private turf fields

30-50 g/m²

Follow regional recommendation

Nursery & Ornamentals

Intended application

Soil application

Application frequency

Ornamentals, Flowers: 1-2 per year

Horticulture: 1 per year

Application rate

Ornamentals

30-70 g/m²

Time of application

Follow regional recommendation

Flowers

50-80 g/m²

Follow regional recommendation

Horticulture

30-80 g/m²

Follow regional recommendation

Form of Delivery

- 25 kg bag
- 600 kg big bag
- 1,000 kg big bag
- 1,200 kg big bag

Transport & Storage Recommendations

Transport

- Delivery as loose goods in big bags or on pallets with bags and canisters.
- Protect loose goods from moisture during transport.
- Protect goods from excessive direct sunlight and large temperature fluctuations during transport.
- Only transport fertilizer at moderate temperatures. Use an air-conditioned lorry if necessary.
- Take note of any hazardous material labels on the product.

Storage general

- Protect stored fertilizer from frost, light, and moisture.
- Store loose goods inside a building and not in outdoor areas. Keep doors closed and cover heaped materials.
- As the product has a tendency to attract moisture, protect it from rain and standing water.
- Take note of the hazardous material labels on the product where appropriate.
- Avoid stacking more than two pallets on top of each other. Always cover loose goods and do not offload in the rain.
- Only transport and store at temperatures between 5 °C and 40 °C. Only store in the original packaging. Products should be used up as quickly as possible once opened.

Storage temperature

- Avoid frost and excessively high temperatures.
- Avoid large temperature fluctuations during storage.

Storage periode

- Products should be used up as quickly as possible once opened.