

# Floranid® Twin NK 14-0-19(+3)



## Slow-Release Fertilizers

Special slow-release fertilizer without phosphate with ISODUR® and CROTODUR® (double N technology) for cultures on public greens, landscaping, horticulture and tree nurseries.

- With the double N technology made of ISODUR® and CROTODUR®
- Long-term fertilizer without phosphate
- Suitable for use on sites with low sorption and low potassium or magnesium content
- 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 NK was specially developed for long-term fertilization on soils with high to very high phosphate contents. It enables a culture-fair nutrient full supply and compensates nutrient imbalances in the soil. The high potash and magnesium contents are favourable for use on sites with low sorption and low potash or magnesium content. Floranid® Twin NK is a slow-release fertilizer with a broad range of applications in public

green areas/landscaping, commercial horticulture and tree nurseries.

Floranid®<sup>Twin</sup> NK 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 colouring. 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, SO<sub>3</sub>) complex fertilizer 14-0-19 (+3+33,75) with micronutrients

For use in horticulture.

Poor in chloride.

Content	Nutrients	
14,0%	N	total nitrogen 2,6% nitric nitrogen 6,4% ammoniacal nitrogen 3,0% isobutylidenediurea 2,0% crotonylidenediurea
19,0%	K <sub>2</sub> O	water soluble potassium oxide
3,0%	MgO	total magnesium oxide 2,4% water soluble magnesium oxide
33,75%	SO <sub>3</sub>	total sulfur trioxide 32,5% water soluble sulfur trioxide
0,01%	Cu	water soluble copper, as copper diiodium, 100% chelated by EDTA
0,50%	Fe	total iron, as sulfate, thereof 0,2% water soluble iron
0,10%	Mn	water soluble manganese, as sulfate

Content	Nutrients
0,01%	Zn water soluble zinc, as sulfate

Chelated nutrients are stable in 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**

40-60 kg/ha

**Time of application**

Follow regional recommendation

### Sports Turf

**Intended application**

Soil application

**Application frequency**

Sports fields: 1-3 per year

Turf seeding: 1 per year

**Application rate**

**Sports fields**

40-60 kg/ha

**Time of application**

Follow regional recommendation

**Turf seeding**

50-70 kg/ha

Follow regional recommendation

## Public Green

### Intended application

Soil application

### Application frequency

1-3 per year

### Application rate

#### Public green areas

40-60 kg/ha

### Time of application

Follow regional recommendation

#### Private turf fields

40-60 kg/ha

Follow regional recommendation

## Nursery & Ornamentals

### Intended application

Soil application

### Application frequency

1-3 per year

### Application rate

#### Ornamentals

30-60 kg/ha

### Time of application

Follow regional recommendation

#### Flowers

60-80 kg/ha

Follow regional recommendation

#### Horticulture

30-80 kg/ha

Follow regional recommendation

## Form of Delivery

- 25 kg 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.