EXPERTS FOR GROWTH

# Press Release

## Floranid® Twin Permanent 16-5-15: Proven universal slow-release fertilizer – sustainably optimized

**Münster, July 2026**

With the further development of **Floranid® Twin Permanent 16-5-15 (+3 MgO + trace elements)**, COMPO EXPERT presents a sustainably optimized universal long-term fertilizer that has been adapted to current requirements - **without compromising its proven performance.**

For many years, Floranid® Twin Permanent has stood for **reliable, even nutrient supply and high application safety**. The new formulation combines these qualities with a targeted improvement in sustainability and resource efficiency.

### Optimized for current requirements

The revised formulation features a **balanced nutrient ratio** of 16-5-15 (+3 MgO + trace elements). The phosphate content has been optimized (N:$P_2O_5$ = 1:0.3) – for the typical nutrient uptake of turf.

In addition, **recycled phosphate** is used as a raw material, contributing to a circular economy. At the same time, **$CO_2$-reduced sources are used for nitrogen, potassium, magnesium, and sulfur**, significantly lowering the carbon footprint.

Overall, this results in a $CO_2$ reduction of around 425 kg $CO_2$e per tonne of product compared to the use of conventionally sourced raw materials.

### Even long-term effect

Floranid® Twin Permanent continues to be based on the proven **Twin technology** with the nitrogen forms ISODUR® and CROTODUR®. These ensure a sustainable and reliable nitrogen supply with high efficiency.

The combination of both components provides **uniform nutrient release over 2 to 3 months** without undesirable growth surges. At the same time, nutrient losses due to leaching are minimized.

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Another slow-release component is the recycled P, which improves phosphate availability while reducing losses (e.g. due to rapid fixation).

## Product benefits at a glance

- Proven product with an optimized, more sustainable formulation
- Reduced phosphate input with high efficiency
- Uniform nutrient release without growth peaks
- High proportion of ISODUR® and CROTODUR® for reliable long-term performance
- Improved greening due to 3% magnesium
- Low chloride content for high plant tolerance
- Complete supply of macro- and micronutrients
- Fine granulation (90% < 2.8 mm) for even application

## Universally applicable

Floranid® Twin Permanent remains **universally applicable**, including in:

- Sports turf, parks, private turf, and golf courses
- Public green
- Landscaping
- Horticulture and nurseries
- New plantings, installations, and maintenance fertilization

Application is flexible, either by hand or with spreaders, and suitable for both base and maintenance fertilization.

## Conclusion

With the further development of Floranid® Twin Permanent, COMPO EXPERT combines proven performance with resource-efficient use of raw materials.

**Picture 1:**




Caption:
Floranid® Twin Permanent 16-5-15: Proven universal slow-release fertilizer – sustainably optimized

**About COMPO EXPERT**

COMPO EXPERT GmbH with headquarters in Münster/Westphalia is an international company with 22 sales offices in Europe, North and South America as well as in Asia and Africa.
The company produces high-quality specialty fertilizers and biostimulants in its own fertilizer plants in Krefeld (Germany) and La Vall d'Uixó (Spain), supported by logistics sites in Deinze (Belgium) and Patras (Greece), supplying professional users with safe solutions for fruits, vegetables, field crops, turf, public green areas as well as nursery and ornamental plants.
Our innovative product range includes specialty mineral and stabilized fertilizers, slow and controlled release fertilizers, water soluble and liquid fertilizers as well as biostimulants, trace elements and soil conditioners. With this product range, COMPO EXPERT holds a leading market position.
The company serves with its currently 815 employees 5,000 customers and sells into more than 100 countries.
COMPO EXPERT is a subsidiary of Grupa Azoty S.A.. With almost 15,000 employees, it is the largest chemical company in Poland and the second largest producer of nitrogen and compound fertilizers in the European Union. www.grupaazoty.com.