

# BiesterCOMP

*The granular fertilizer for a homogenous nutrient supply*

**BiesterCOMP** are high-quality compound granular fertilizers made of only the best raw materials. All required plant nutrients are incorporated into each single granule which ensures a homogenous dispersion of the particles and a uniform and effective supply of plant nutrients compared to fertilizers with a bulk blending. After application the granules slowly dissolve and the nutrients become available to the plant.

**BiesterCOMP** is available in a wide selection of different compositions with the goal to provide farmers the right fertilizer for each crop, each soil and each climate. Besides a range of standard products, tailor made compositions as well as special colorations are available on request.

Each composition contains nitrogen (N), phosphorous ( $P_2O_5$ ) and potassium ( $K_2O$ ). Most products also contain magnesium (MgO) and sulfur ( $SO_3$ ) and selected products can be enriched with special trace elements like boron, iron, manganese, copper or zinc to improve the physical and chemical characteristics. **BiesterCOMP** is low in chloride which is very important for plants that are sensible to chloride and need potassium that comes from potassium sulfate.

### **Easy handling and simple application in each stage of vegetation**

**BiesterCOMP** is shipped in a flexible range of bags and big bags and can easily be applied mechanically or manually. The high crushing strength and the granulometry – with 96 % of all granules between 2 and 5 mm – ensure a superior distribution with no segregation of the elements and a very low dust emission.

**BiesterCOMP** is suitable for two application stages. As a pre-plant fertilizer it is incorporated in the top layer of the soil (around 10 cm) a few days before sowing. Once the plant growth started, it can be spread as a maintenance fertilizer which dissolves during rainy weather and the nutrients become available to the plant.



**Available in 25 or 50 kg bags  
600 or 1,200 kg big bags, bulk  
or bulk containers.**

# BiesterCOMP

## Composition

	<b>N</b> total	<b>P</b> P <sub>2</sub> O <sub>5</sub>	<b>K</b> K <sub>2</sub> O	<b>Mg</b> MgO	<b>S</b> SO <sub>3</sub>
NPK 12-12-17 PERFECT BLAU	12	12	17	2	24.4
NPK 15-15-15 PERFECT GREY	15	15	15	–	19
NPK 15-5-20 PERFECT GREEN	15	5	20	2	25
NPK 17-17-17 MOP	17	17	17	–	–
NPK 15-12-24 MOP	15	12	24	–	–
NPK 12-24-12 MOP	12	24	12	–	9
NPK 11-06-25 MOP	11	06	25	4	10

Tailor made compositions are available on request.

## Trace elements (in percent)

	<b>Fe</b>	<b>B</b>	<b>Mn</b>	<b>Zn</b>	<b>Cu</b>
	Iron chelated EDTA	Boron water soluble	Manganese chelated EDTA	Zinc chelated EDTA	Copper chelated EDTA
NPK 12-12-17 PERFECT BLAU	0.07	0.02	0.06	0.1	0.02

For all other compositions, please contact us for further information.

## Additional varieties

In the **BiesterCOMP SLOW RELEASE** product line the ammoniacal nitrogen is stabilized with the nitrification inhibitor Dicyandiamide (DCD), which inhibits the bacteria responsible for the nitrification. In this way the transformation of ammoniacal nitrogen is slowed down for several weeks reducing the volatilization and washout of nitrogen. This phenomenon favors the stabilization of the nitrogen in the soil, thus making it available for the plants in times of increased need. **BiesterCOM SLOW RELEASE** is available in several compositions like NPK 13-13-20+15 SO<sub>3</sub> CITRUS, NPK 12-8-25+15 SO<sub>3</sub> GRAPE, NPK 20-12-10+10 SO<sub>3</sub> OLIVE or NP 15-28-0+8 SO<sub>3</sub> CEREAL.

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## Dosage for NPK 12-12-17 PERFECT BLAU

	kg / 100 m <sup>2</sup>
Potatoes	11 - 20
Strawberry	10
Salad	13
Fruit trees	10
Cabbage	18
Tomato	15
Bean	4
Flowerbeds	9
Lawns	24 (sowing) 10 (maint.)