

BIO TRUST

BIO GRA Comple



GRANULAR NPK FERTILIZERS FOR ORGANIC FARMING

IDENTIFICATION

The **BIO GRA Comple** group of fertilizers for organic farming includes common and compound fertilizers containing 1 to 5 Main Nutrient Elements and are further enriched with 30% Humic Organic Compounds and Trace Elements. By this way the farmer of the organic crop has the ability to use the best fertilizer depending on the needs of the plants, covering at the same time the need for high quality inorganic and organic fertilization.

BIO GRA Comple fertilizers contain humic compounds and natural activators, for the highest possible utilization (More than 80% - as opposed to the "traditional common fertilizers" of which the degree of utilization of their nutrient elements is often below 30%) of their nutrient elements and their best assimilation from the plants.

Fertiizers in granular form (1-4 mm).

ACTION

They contain all the nutrients the plants need. The raw materials used for the production of these fertilizers the European's Community Regulations (2092/91/EC & 834/2007/EC & 889/2008/EC) and instructions for Fertilizers for Organic Farming. The basic raw material of **BIO GRA Comple** is the **black peat**, which is subjected to **controlled biological humification**. The humified product is enriched with minerals at various concisteness and proportions to cover the needs of all crops.

The **BIO GRA Comple** beyond the nutrient elements that provide on the plants,

1. Nourish the crop and directly neutralize nutrient deficiencies.
2. Cause earliness, increased production, improved fruit quality, flavor, color, high quality nutritional value and appearance.
3. Dissolve the salts formed in the soil by the constant fertilization with inorganic fertilizers.
4. Create an excellent structure in the ground for the development of the root system.
5. Increase the porosity of the soil (more appropriate for ventilation).
6. Increase the soil water capacity and υδατοϊκανότητα.
7. Increase soil temperature (greater resistance to frost).
8. Adjust the soil pH.
9. Break the clay, releasing minerals.
10. Help the assimilation of inorganic fertilizers from them.

The group of **BIO GRA Comple** includes the following fertilizers intended for the fertilization of organic crops:

FERTILIZER TYPE	N%	P ₂ O ₅ %	K ₂ O%	MgO%	CaO%	S%	B ₂ O ₃ %	HUMIC ORGANIC %
BIO GRA Comple Ca	-	-	-	-	25	-	-	30
BIO GRA Comple Mg	-	-	-	21	-	-	-	30
BIO GRA Comple P	-	22	-	-	-	-	-	30
BIO GRA Comple K	-	-	24	-	-	-	-	30
BIO GRA Comple S	-	-	-	-	-	45	-	30
BIO GRA Comple K+N	4-5	-	22	-	-	-	-	30
BIO GRA Comple Ca+Mg	-	-	-	9,5	14	-	-	30
BIO GRA Comple K+Mg	-	-	16	7	-	-	-	30
BIO GRA Comple P+K	-	12	11	-	-	-	-	30
BIO GRA Comple K+Ca+Mg	-	-	11	5	8	-	-	30
BIO GRA Comple P+Ca+Mg	-	12	-	5	5,5	-	-	30
BIO GRA Comple P+K+Mg	-	10	11	2	-	-	-	30
BIO GRA Comple N+P+K	4-5	10	11	-	-	-	-	30
BIO GRA Comple P+K+Mg+Ca	-	10	11	2	2,8	-	-	30
BIO GRA Comple N+P+K+Mg	4-5	10	8	2	-	-	-	30
BIO GRA Comple N+P+K+Mg+Ca	4-5	7	11	2	2,8	-	-	30
BIO GRA VINE	4-5	7	11	2	2,8	-	-	30
BIO GRA Cereal	4	6	-	3	3	-	-	30
BIO GRA OROS	5-8	4	10	4	6	-	-	30
BIO OLIVE (Comple OL)	4-5	7	11	2	2,8	-	-	30
BIO ELEA	5-8	5	12	1,4	2,8	8	0,5	20

ENRICHED WITH TRACE ELEMENTS (E.C. REGULATION 2003/2003): B, Co, Cu, Fe, Mn, Mo, Zn & SOIL IMPROVERS