



F-Gran

GRANULAR NPK WITH MAGNESIUM AND TRACE ELEMENTS, SLOW RELEASE.
"E.C. FERTILIZERS".

F-GRAN BLUE

for crops with Magnesium demands.

12-12-17+2MgO+T.E.

F-GRAN NOVUM

for crops with Magnesium demands.

12-12-12+3MgO+T.E.

7-10-20+3MgO+T.E.

for potato.

21-7-7+2MgO+T.E.

for tobacco, tomato, potato, asparagus, fruit trees
& for crops with Potassium demands.

F-GRAN DEKA

for crops with Magnesium demands.

10-10-10+10MgO+T.E.

F-GRAN FERUM

for soils with Iron deficiencies, for crops with requirements in Iron.

12-12-12+2MgO+2Fe+T.E.

21-7-7+2MgO+2Fe+T.E.

for premature trees, kiwi, peach, apricot, etc. Fruit trees.

25-5-5+2MgO+2Fe+T.E.

for kiwi, peach.

F-GRAN ZINC

for soils with Zinc deficiencies & for crops with Zinc demands.

12-12-12+2MgO+2Zn+T.E.

25-5-5+2MgO+2Zn+T.E.

for corn, citrus, peach, etc. Fruit trees.

20-10-5+2MgO+2Zn+T.E.

for rice, corn.

20-10-10+2MgO+2Zn+T.E.

for rice, corn, citrus.

20-5-15+2MgO+2Zn+T.E.

for rice, corn, beets, vine vegetable gardens, citrus.
& for soils with Potassium demands.

20-5-9+2MgO+2Zn+T.E.

for rice, corn.

F-GRAN BORO

for crops with requirements in Boron - olives, beets, apples, etc. -
for soils with boron deficiencies.

12-12-12+2MgO+2B+T.E.

21-7-7+2MgO+2B+T.E.

beets, olives, apples, sunflower etc. Fruit trees

Trace Elements (T.E.): Boron(B), Cobalt(Co), Copper(Cu), Iron(Fe), Manganese(Mn), Molybdenum(Mo), Zinc(Zn).

They offer the plants the nutrients they need in the ideal quantity, proportion and form in order to be available to the plant when needed, at the proper period.

IDENTIFICATION OF F-GRAN

Inorganic Complex Granular Slow Release fertilizers NPK with Magnesium, Sulfur, Calcium as main elements in completely assimilable form, and enriched with all the nutritious **and Trace Elements** according to the EUROPEAN REGULATIONS (B, Co, cu, Fe, Mn, Mo, Zn) for the proper nutrition of all plants. The form of macroelements and trace elements in **F-GRAN** fertilizers is the proper one in order to be available to plants when needed at the proper time period. Some types of **F-GRAN** are **further enriched** with nutrients like **Iron or Zinc or Boron** in such quantity and proportion among them, so that the plant's nutrition is balanced and complete.

Specifically:

N NITROGEN contained is in **3 forms: NITRIC, AMMONIAC and AMIDIC - ORGANIC.** **F-GRAN** are the only high technology compound fertilizers, which contain NITROGEN in organic form. **This gives these fertilizers an important advantage against their competition.**

P PHOSPHORUS (P₂O₅) is completely soluble in water and easily absorbed by plants.

K POTASSIUM (K₂O) is in POTASSIUM SULPHATE form and it is extremely absorbed by plants.

Mg MAGNESIUM exist in **2 forms:** in oxide **MgO** form and in **Hydroxide of Magnesium** form **Mg₄(CO₃)₃(OH)₂ 3H₂O.** **This is the second exclusive Technological Advantage of F-GRAN fertilizers.**

Ca CALCIUM exist in oxide form (**CaO**).

S SULPHUR is in **SO₃** form.

APPLICATION – DOSAGE

F-GRAN fertilizers are suitable for all crops, during all seasons and all growing stages of the crops, provided that there is the necessary soil moisture or watering ability.

SPECIFICALLY

For **multiannual Cultivations**, for best results it is recommended to apply half dosage at the end of Winter, before the vegetation starts, and the other half in the middle of Spring during the fruitification.

For **Annual Cultivations** it is recommended to apply half dosage during seeding or transplantation, and the other half, during blooming and fructification. Also, it is recommended depending to certain conditions and because of the specific chemical synthesis of F-GRAN, after the embodiment to thoroughly rinse plants leaves in order to dissolve all the fertilizing units.

MULTIANNUAL CULTIVATIONS

DOSAGE F-GRAN

ASPARAGUS 60-100 kg/1.000m²

STRAWBERRY 80-120 kg/1.000m²

TRIFOLIUM (ALFALFA) /
MEDIC 40-60 kg/1.000m²

ANNUAL CULTIVATIONS

DOSAGE F-GRAN

TOMATO 60-100 kg/1.000m²

POTATO 60-80 kg/1.000m²

BEANS-SOYA-
VETCH 40-60 kg/1.000m²

CUCUMBER -
WATERMELON -
MELON - MARROW 60-80 kg/1.000m²

OTHER VEGETABLES 60-80 kg/1.000m²

COTTON - SUNPLANT 30-50 kg/1.000m²

MAIZE 40-50 kg/1.000m²

RICE PLANT 40-50 kg/1.000m²

TOBACCO PLANT 20-40 kg/1.000m²

SUGAR BEET 50-70 kg/1.000m²

FLOWER PLANTS 60-80 kg/1.000m²

TREE CULTIVATIONS

DOSAGE F-GRAN

CITRUS 2-4 kg/tree

APPLE TREES/PEAR TREES 3-5 kg/tree

PEACH TREES/APRICOT
TREES/CHERRY TREES 2-4 kg/tree

OLIVE TREES 3-5 kg/tree

WINEVINES 100-150 gr/vine

TABLE GRAPES 200-250 gr/vine

RAISIN (GRAPES) 100-150 gr/vine

SEEDLESS GRAPES
(SULTANINA) 2-4 kg/plant

KIWI 30-50 kg/1.000m²

SEED-BEDS OF TREES OR
VINES 30-50 kg/1.000m²

OTHER TREES 2-4 kg/tree

ROSES AND BEAUTIFYING
BUSHES 150-200 gr/plant

