Why HUMIBOX fertilisers are good for your plants and profits

HUMIBOX liquid organic fertilisers are high quality fertilisers developed and manufactured in Spain. HUMIBOX fertilisers are special in the following ways:

- All HUMIBOX fertilisers have a base of organic matter. Unlike ordinary organic fertilisers, the organic matter in HUMIBOX fertilisers are rich in humic and fulvic acids. These organic acids are beneficial to the plant without possible negative effects such as toxicity and nitrogen starvation.
- HUMIBOX fertilisers are beneficial to plants in two main ways: directly by supplying nutrients and indirectly by improving the soil condition.
- HUMIBOX fertilisers are scientifically formulated to meet the nutritional needs of different types of plants and stages of plant growth.

Why organic matter is important to soil and plant

- Organic matter improves soil texture thus improving aeration and drainage, and encourages a healthy root system.
- Organic matter helps to conserve water and nutrients, and yet these are readily available to the plant on demand.
- Tropical soils tend to be acidic and the presence of organic matter helps to moderate the acidity. Soils that are acidic can be harmful to the plant in various ways, e.g. unavailability of nutrients, aluminium and manganese toxicity.
- Organic matter promotes the activity of soil microbes that directly and indirectly contributes to plant health.

Why organic matter has to be added to the soil

Under intensive farming systems in the tropics, the soil organic matter breaks down very quickly and needs to be replaced at frequent intervals.

With HUMIBOX fertilisers growers can choose the most convenient way of doing this: by drenching onto the soil, through fertigation, or as a foliar spray (together with pesticides if necessary).

All HUMIBOX fertilisers are rich in humic and fulvic acids that helps to condition the soil

HUMIBOX® BOX

Features

- Contains nitrogen, phosphorus, potassium and micronutrients
- Promotes microbial activity

Major Elements	% (W/V)
Organic matter	15
Humic & fulvic acids	15
Nitrogen (N)	1.1
Phosphorus (P_2O_5)	1.1
Potassium (K_2O)	4.4
Calcium (CaO)	0.28
Magnesium (MgO)	0.06
Sulphur (S)	0.17

Trace elements: boron (B), calcium (Ca), manganese (Mn), magnesium (Mg), copper (Cu), molybdenum (Mo), cobalt (Co) and zinc (Zn)

HUMIBOX® BOX-N

Features

- High proportion of nitrogen
- Includes major and micronutrients
- Promotes vegetative growth

Major Elements	% (W/V)
Organic matter	10
Humic & fulvic acids	10
Nitrogen (N)	11
Phosphorus (P_2O_5)	2.2
Potassium (K_2O)	4.4
Calcium (CaO)	0.28
Magnesium (MgO)	0.06
Sulphur (S)	0.17

Trace elements: boron (B), calcium (Ca), cobalt (Co), copper (Cu), magnesium (Mg) and molybdenum (Mo)

HUMIBOX® BOX-P

Features

- High proportion of phosphorus
- Includes major and micronutrients
- Promotes root formation and development
- Enhances harvest quality

Major Elements	% (W/V)
Organic matter	10
Humic & fulvic acids	10
Nitrogen (N)	2.0
Phosphorus (P_2O_5)	8.9
Potassium (K_2O)	4.4
Calcium (CaO)	0.28
Magnesium (MgO)	0.06
Sulphur (S)	0.17

Trace elements: boron (B), calcium (Ca), cobalt (Co), copper (Cu), molybdenum (Mo) and zinc (Zn)

HUMIBOX® BOX-K

Features

- High proportion of potassium
- Includes major and micronutrients
- Promotes disease resistance and stress tolerance
- Improves quality of flowers and fruits
- Improves shelf life of produce

Major Elements	% (W/V)
Organic matter	9.2
Humic & fulvic acids	9.2
Nitrogen (N)	2.3
Phosphorus (P_2O_5)	2.3
Potassium (K_2O)	9.2
Iron (Fe)	0.06

Trace elements: calcium (Ca), copper (Cu), molybdenum (Mo), magnesium (Mg), manganese (Mn) and zinc (Zn)

HUMIBOX® BOX-Ca

Features
• High proportion of calcium • Includes major and micronutrients • Promotes the natural ability of plant to resist disease organisms • Ensures good fruit quality

Major Elements	% (W/V)
Organic matter	9
Humic & fulvic acids	9
Nitrogen (N)	3.6
Phosphorus (P_2O_5)	0.3
Potassium (K_2O)	4.8
Calcium (CaO)	6.00
Magnesium (MgO)	0.02

Trace elements: sulphur (S), boron (B), cobalt (Co), copper (Cu), iron (Fe), manganese (Mg), molybdenum (Mo) and zinc (Zn)

HUMIBOX® FRUIT

Features
• High proportion of potassium • Includes major and micronutrients • Ensures high quality of flowers and fruits • Gives plumpness to grains and seeds • Promotes disease resistance and stress tolerance • Improves shelf life of produce

Major Elements	% (W/V)
Organic matter	9
Humic & fulvic acids	9
Nitrogen (N)	3.5
Phosphorus (P_2O_5)	5
Potassium (K_2O)	16
Calcium (CaO)	0.32
Magnesium (MgO)	0.06
Sulphur (S)	0.19

Trace elements: iron (Fe), manganese (Mn), zinc (Zn), boron (B), cobalt (Co), copper (Cu) and molybdenum (Mo)

HUMIBOX® STAR

Features
• Balanced formulation of all the major and micronutrients • Use during early stages of the crop

Major Elements	% (W/V)
Organic matter	9
Humic & fulvic acids	9
Nitrogen (N)	8
Phosphorus (P_2O_5)	4.5
Potassium (K_2O)	10.5
Calcium (CaO)	0.32
Magnesium (MgO)	0.06
Sulphur (S)	0.19

Trace elements: iron (Fe), manganese (Mn), zinc (Zn), boron (B), cobalt (Co), copper (Cu) and molybdenum (Mo)

HUMIBOX® BOX-MZ

Features
• High proportion of manganese and zinc • Includes major and micronutrients • Prevents stunting and distortion of plant

Major Elements	% (W/V)
Organic matter	7.2
Humic & fulvic acids	7.2
Nitrogen (N)	1.0
Phosphorus (P_2O_5)	1.0
Potassium (K_2O)	4.0
Manganese (Mn)	3.6
Zinc (Zn)	3.6

Other trace elements: boron (B), calcium (Ca), cobalt (Co), copper (Cu), molybdenum (Mo), magnesium (Mg), sulphur (S) and iron (Fe)

HUMIBOX® BOX-MBF

Features
• High proportion of magnesium, boron and iron • Includes major and micronutrients • Promotes vitality and reproduction

Major Elements	% (W/V)
Organic matter	9
Humic & fulvic acids	9
Nitrogen (N)	1.1
Phosphorus (P_2O_5)	1.1
Potassium (K_2O)	4.4
Magnesium (MgO)	2.24
Iron (Fe)	11,200ppm
Boron (B)	5,600ppm

Other trace elements: Zinc (Zn), cobalt (Co), copper (Cu) and molybdenum (Mo)

HUMIBOX® VEG

Features
• High proportion of nitrogen • Includes major and micronutrients • Promotes rapid vegetative growth

Major Elements	% (W/V)
Organic matter	9
Humic & fulvic acids	9
Nitrogen (N)	17
Phosphorus (P_2O_5)	4.9
Potassium (K_2O)	4.9
Calcium (CaO)	0.32
Magnesium (MgO)	0.06
Sulphur (S)	0.19

Trace elements: magnesium (Mg), sulphur (S), iron (Fe), calcium (Ca), manganese (Mn), zinc (Zn), boron (B), cobalt (Co), copper (Cu) and molybdenum (Mo)

HUMIBOX® FLOWER

Features
• High proportion of phosphorus and boron • Includes major and micronutrients • Enhances flowering • Ensures proper fruit development

Major Elements	% (W/V)
Organic matter	9
Humic & fulvic acids	9
Nitrogen (N)	6
Phosphorus (P_2O_5)	19
Potassium (K_2O)	6
Calcium (CaO)	0.32
Magnesium (MgO)	0.06
Sulphur (S)	0.19
Boron (B)	390ppm

Trace elements: iron (Fe), manganese (Mn), zinc (Zn), boron (B), cobalt (Co), copper (Cu) and molybdenum (Mo)

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Features
• High proportion of free amino acids • As biostimulants, improves overall growth and health of plants • Increases tolerance to stress such as that due to drought and transplanting

Major Elements	% (W/V)
Organic matter	35
Free amino acids	24
Nitrogen (N)	6.8