

FORTON

The preservation and maintenance of the soil is the key to a healthy and vigorous farming. Organic fertilizers bring the crops the necessary nutrients, making them easily available for the plants.

FORTON is an organic NPK fertilizer of animal and vegetal origin, certified by the Real Decreto 506/2013, 1174/2002.

Composition

FORTON is obtained through the composting of vegetal and animal rests, such as barks, leaves pruning and feces.

Due to its composition, the product has a high organic matter content (around 35% s.m.s.) that facilitates the ion exchange in the soil-plant system, and improves the CEC ratio thanks to its humic acids. It improves porosity, aeration and water movement in clay soils, and provides a stable structure to the sandy soils.

Its C/N (Carbon/Nitrogen) relation indicates a stable nitrogen mineralization value, which means that the nitrogen is available to the plant.

FORTON is rich in phosphor (2.0%) and potassium (2.0%), as well as in nitrogen, even though there's less nitrogen (1.5%). Nearly all the nitrogen is found in organic form, making its assimilation very easy.

The heavy metal content is under the authorized limits for this classification (B), according to the Real Decreto 506/2013.

BIORCAMP FORTON has a <10mm granulometry.

The production process, as well as the final product, undergoes strict quality controls. During the cleansing process the elimination of all adventitious seeds and pathogens is guaranteed.

The main physical and chemical properties can be found in the table below.

PARAMETER	UNIT	VALUE
HUMIDITY	% m/m.	15-30
pH	-	6.8-7.8
HUMIC ACIDS	% s.m.s.	9-10
ORGANIC MATTER	% s.m.f.	32-37
TOTAL NITROGEN	% s.m.f.	1.4
ORGANIC NITROGEN	% s.m.f.	1.2
DIPHOSPHOR PENTOXIDE	% s.m.f.	1.7
POTASSIUM OXYDE		2.1
C/N	-	8-9
HEAVY METAL (TYPE)		B
E. COLI	u.f.c / g	<3.0
GRANULOMETRY	-	<10mm
SALMONELLA		NONE

Format, application and doses

FORTON is sold in bulk and as dust.

The recommended application is as a base fertilizer, burying it 15-20cm deep in the soil. It can also be used on wood farming to increase the organic matter content of the soil and bring nutrients to the plants.

The following tables show the recommended doses. A soil analysis is recommended to be able to choose the right dose.

CROP	DOSE (kg/ ha)
Non salty soil	1.000-1.500
Salty soil	1.500-2.000
Poor in organic matter	2.500-3.000
Rich in organic matter	2.000-2.500
Deserted soils regeneration	6.000-8.000
Mineral soils	2.200-2.500

FARMING	DOSE
Extensive, rainfed	800-1.000 kg/ha
Extensive, irrigation	1.000-1.500 kg/ha
Horticultural	1.500-2.000 kg/ha
Fruits	1.200-1.500 kg/ha
Olives	1.500-1.700 kg/ha
Flowers	2.000-2.200 kg/ha
Grass	1.800-2.000 kg/ha
Greenhouses	25-30 kg/ 100m ²