



ECORGAN

In agronomy, an organic amendment is a vegetal or animal origins material that applied to the soil produces an intense rising of the organic percentage on the horizontal layer. The availability of organic matter in a soil brings improves its physical and chemical properties, the nutrition of the plant being rewarded by it. This is the reason such mixtures are widely used, and necessary to maintain the production quality and capacity of the soil.

ECORGAN is an organic amendment with a high organic content (80%), specially recommended for agriculture and fruit farming. It's also suitable for green areas.

Composition

ECORGAN is a biologically stabilised organic compost of animal and vegetal -crushed seeds, amongst others- origin.

ECORGAN has Haig organic matter content (80%), as well as plenty of humic and fluvic acids (around 3%). Its C/N (carbon/Nitrogen relation) indicates that the product is mostly vegetal. The exact data are shown on the table below.

PARAMETER	UNIT	VALUE
ORGANIC MATTER	% s.m.s.	80 - 85
TOTAL HUMIC EXTRACT	% s.m.s.	5 - 7
HUMIC ACIDS	% s.m.s.	2 - 3
FULVIC ACIDS	% s.m.s.	3 - 4
RELACIÓN C/N	-	18 - 20

Amongst the physical and chemical properties shown on the table below stand out its slightly acidic pH, low EC and high nitrogen content. ECORGAN has a high organic nitrogen content; organic nitrogen is released slowly, allowing for total absorption by the plant, thus reducing or eliminating environment contamination.

This product has a very low heavy metals level, and no pathogens organisms

PARAMETER	s.m.s.	s.m.f.
HUMIDITY (%)	0	35 - 40
pH	6,0 - 7,0	6,0 - 7,0
ELECTRIACL CONDUCTIVITY (EC) (dS/m)	1,5 - 2,5	1,5 - 2,5
TOTAL NITROGEN (%)	2,2 - 2,5	1,4 - 1,6
ORGANIC NITROGEN (%)	1,5 - 2,0	1,0 - 1,3
AMMONIACAL NITROGEN (%)	0,5 - 0,7	0,3 - 0,5
HEAVY METALS' TYPE	A	A
<i>Salmonella</i> (ausencia/presencia en 25g)	Ausencia	Ausencia
<i>E. Coli</i> (NMP/g)	< 10	< 10
GRANULOMETRY (90% of the product)	< 10 mm	< 10 mm

properties

ECORGAN is obtained from a vegetal and animal compost that is afterwards mixed with crushed seeds. The compost is obtained through aerobic composting of pruning rests, leaf litter and other animal and vegetal products. During the composting the product is cleansed via high temperatures, eliminating all adventitious seeds and pathogens. At the end of the process, the product is biologically stabilized.

The advantages of using ECORGAN are the following:

- Increases soil porosity, thus enhancing its aeration and decreasing its compacting. It also improves drainage.
- The high organic matter and humic acids content improves the CEC, making nutrients more available to the plant, and acts as a pH buffer, making the plant resistant to sudden ph changes.
- The nutrients are released slowly thanks to the slow decomposing of the vegetal matter (4 or 5 years).

The whole production process, as well as the final product, is under our strict quality controls to ensure the client's satisfaction and a deep environment respect in all our activities.



Application

ECORGAN is applied on the roots with the aim of providing the right physical and Chemicals properties to the soil so that the root and vegetative development are improved.

It is recommended to apply the product by burying it 15-20cm, mixing it with the soil. For wood farming, it's recommended to apply it before sowing or as a cover fertilizer.

The dose of ECORGAN depends on the kind of soil; the different ones are detailed on the table below.

KIND OF SOIL	DOSE (TN/Ha)*
Rich in organic matter	15-20
Poor in organic matter	30
Deserted or empty	25
Very sandy	30
With lots of clay	30

() Doses for 20cm deep burying. For deeper use, the dose must be increased proportionally.*

Our Technical Department will assess you n the calculation of the real needs of your crop, as well as on creating a personalized fertilizing program.

Product presentation

ECORGAN is sold in bulk and big-bag.