




GREEN COMPOSTED SOIL IMPROVER

allowed
in organic
agriculture



ACV

The green composted soil improver  **econat**[®] is a verified quality compost and its use is allowed in organic agriculture. It is obtained from raw material of ligno-cellulosic origin, such residues of the maintenance of ornamental green gardens. The composted soil improver originates in the natural decomposition of the organic matter which is transformed through a bio-oxidation process.



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PHYSICAL AND CHEMICAL PROPERTIES

Parameter	Mean Value
Moisture (%)	22 ÷ 32
pH	6,5 ÷ 7,5
Total organic carbon (% d.m.)	22 ÷ 26
Humic and fulvic carbon (% d.m.)	6 ÷ 8
Total nitrogen (% N d.m.)	1,2 ÷ 1,8
Organic nitrogen (% N d.m.)	1,2 ÷ 1,8
Organic nitrogen (% d.m. N/N tot)	100
C/N ratio	15 ÷ 19
Salinity (meq/100g d.m.)	19 ÷ 52
Phosphorus (% d.m. P ₂ O ₅)	0,4 ÷ 0,6
Potassium (% d.m. K ₂ O)	1 ÷ 1,2



Production process

The incoming cuttings and prunings undergo a grinding-sifting process from which the fine fraction is obtained, which is destined for subsequent processing. The composting process takes place in heaps arranged in a waterproofed yard where they are periodically turned over by a mechanical shovel to promote oxidation and spontaneous fermentation. After a period of approximately 90 days, the product is moved indoors where it will carry out the curing phase while awaiting for the refining by sifting. The compost obtained has the consistency of soil, dark brown in colour and the smell of the undergrowth soil typical of products

which have undergone the composting process.

The green composted soil improver **enomondo econat**® has an improving function because it brings high quality humified organic substance to the soils, improves the development of microorganisms and it adapts to any type of crop also favouring root development. **enomondo**® is obtained by enhancing the input biodegradable scraps and transforming it into an eco-sustainable product for modern agriculture that is increasingly inclined to reduce the use of synthetic fertilisers.

How to use it

The main use of the green composted soil improver **enomondo econat**® is in the preparation of growing substrates for potted or greenhouse plants. In the open field it can be used for the cultivation of vegetable gardens, aromatic and medicinal plants, as well as for the fer-

tilisation of arboreal crops, such as vines, which follow the organic farming regulations.

The green composted soil improver **enomondo econat**® is sold loose or in big bags.

Recommended dose:

Parameter	Doses	Unit
Vineyard	3 - 6	t/ha
Orchard:	10 - 12	t/ha
Actinidia:	12 - 15	t/ha
Extensive:	30*	t/ha

The above doses apply to soils poor in organic matter.
*Check doses in vulnerable areas.



ACV **enomondo econat**® has obtained the C.I.C. Quality Compost Premium Brand



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