

environment matters

Compost for use in Agriculture





Introduction

Enva are at the forefront of recycling and environmental services specifically tailored to agriculture. Our aim is to recycle suitable organic materials to agricultural land lessening farms reliance upon imported chemical fertiliser. Benefits include a reduction in growing costs and the lessening of your enterprises carbon footprint.

Enva has earned a reputation for offering sound technical expertise and providing sustainable, cost effective solutions that empower clients to manage their businesses in compliance with the increasing burden of environmental legislation.



Compost

Our product is a green waste and food derived compost produced in an in-vessel composting (IVC) system with an additional maturation stage.

The finished product is a high quality compost and meets British Standards Institution`s specification of BSI PAS100.

Benefit to Farmers and Growers

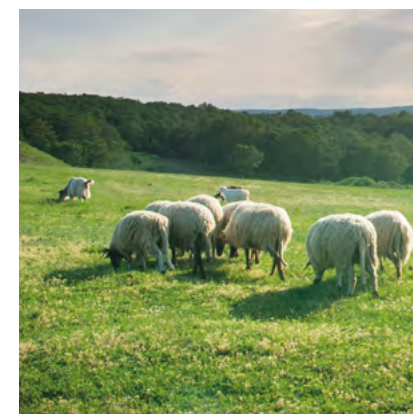
Compost can benefit agriculture as a soil amendment and fertiliser.

Use as a Soil Amendment

The high organic matter content makes this compost an exceptional means to build up the soil profile.

The addition of organic matter can benefit crop production in a variety of ways:

1. Improvements in water and nutrient holding capacity in light soils.
2. Improvements in drainage in heavier soils.
3. Attribution of larger soil aggregates will minimise effects of erosion.
4. Increased workability of soil and traffic tolerance.
5. Improved soil aeration and deeper root development.
6. Plant disease suppression.





Use as Fertiliser

- Our compost comprises of slow release fertilisers for nitrogen and phosphorous along with readily available potassium.
- Other macro-nutrients included within our product include magnesium and sulphur along with a variety of micronutrients.
- Our product has an acid neutralising value of 9% of agricultural lime.



Cost Savings

1. Savings on manufactured fertiliser
2. Increased yields
3. Reduction in nutrient loss
4. Fuel savings during cultivations
5. Improvements in soil quality



Typical Nutrient Levels in Compost

(for guidance only)

Nutrients from compost alone will not be sufficient to support plant growth and should be applied in conjunction with conventional bagged fertiliser.

Compost	Total Nutrients Kg			Available Nutrients (Year 1)		
	N	P	K	N	P	K
Kg/t	14	2.4	5.8	~1%	50%	80%
17 Tonnes/ha	238	40	98			

Compost	Total Nutrients Kg		Available Nutrients (Year 1)	
	Mg	S	Mg	S
Kg/t	3.2	1.6	20%	10%
17 Tonnes/ha	54	27		



Using Compost in Agriculture

Our compost is produced from household food waste and must be treated in accordance with Animal By-Product Regulations.

Advice to farmers, landowners and growers

The user must comply with the regulations and guidance set out below when our compost is used on agricultural land.

1. Animals must not have access to compost when stored on farm.
2. The regulations require a two month grazing interval for pigs and three weeks for cows and sheep. When land is cropped for animal feed, the same restrictions apply.
3. The occupier of land on which animals are kept must keep records of the application of compost. This includes date, quantity, compost description, the land to which it is applied and the date on which ruminants, pigs or poultry first have access to the land after application or the date it is first cropped, whichever is sooner.
4. Nitrogen in compost is slow release and can be applied in autumn, however, this should be applied when crop is growing to uptake available nutrients.





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