

Product sheet	Publication date: 01-01-2016		Compost	
Fields of application		Soil improvement	Landscaping	Green Roof



Compost

Compost is a raw material for substrates and soil improvers. The product sheet contains general requirements and product specific requirements for compost.

RAG process requirements

RAG location

The properties of the site may not influence the purity and quality of the product. There are several process requirements established for the RAG location to avoid issues such as:

- Pollution by germinative weeds (zero tolerance)
- Pollution of the products by tires, shovels and other means of transport
- Pollution or mixing of the RAG product from surrounding areas
- Contamination caused by a unhygienic storage
- Mixing or pollution by the surface of surrounding equipment

Transport

Products must be transported in a manner that will ensure that their purity and quality continue to comply with the product requirements specified in all applicable general and product specific requirements. The cargo space must be checked before product is loaded, to see whether it is clean enough. Also before every transport the records of the previous cargo of the means of transport must be known and shown.



Certified for
Landscaping

RAG quality mark


Only certified companies that have joined RHP are able to supply compost with the RAG quality mark. RAG approved compost can be recognized by the

RAG-logo which is stated on the invoice and/or delivery receipt. The RAG certificate gives guarantees concerning the quality of the substrate delivered.

RHP certification

Since 1963 RHP has been the European knowledge centre for potting soil and substrates (growing media) for the professional horticulture and the consumer. For the professional growers and gardeners RHP provides stable substrates to guarantee optimal condition of the soil. An important activity of RHP is the development and management of labels that are related to these substrates. The quality mark RAG Landscaping focuses on maintainers of public parks and gardeners. Tree sand, tree granules and garden soil are products that can be RAG Landscaping certified. The quality mark is awarded to producers, traders and importers of raw materials and substrates if the strict requirements are demonstrably met. This unique quality assurance system in the whole chain minimizes risk factors at an early stage.

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RAG product specific requirements

General requirements

Compost must comply with the environmentally hygienic aspects for raw materials and substrates in the applicable country.

The companies that are RAG certified must test their analysis results against the background values in Annex II, Table 3 of the *Uitvoeringsbesluit Meststoffenwet* (Dutch fertilizer legislation).

Chemical requirements compost

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EC, carbonated lime and other determinations		
Determinations	Method	Requirement
EC (mS/m)	EN 13038	≤ 140
Carbonated lime (CaCO ₃)	NEN-ISO 10693	< 3 (weight percentages)
Cl (mg/l substrate)	EN 13652	≤ 1000

Physical requirements compost

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Organic matter and stability		
Determinations	Method	Requirement
Organic matter	EN 13039	> 20% (weight percentages)
Stability	FprEN 16087-1: 2011	< 15 mmol O ₂ / kg o.s. per hour
		< 5 mmol O ₂ / kg o.s. per hour*

*As a raw material for substrates under a pavement

Physical requirements compost

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Contaminations		
Determinations	Method	Requirement
2 mm (excl. stone and glass)	Bestimmung und Bewertung des Fremdstoff- und Steingehaltes. Methodenbuch zur Analyse von Kompost, Bundesgütegemeinschaft Kompost e.V., 1998,	< 0,1%
Stone > 5 mm		< 2%
Glass > 2mm		< 0,1 %
Glass > 16 mm		0

Phytosanitary requirements compost

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Weeds		
Type of weed	Method	Requirement
Weed score	RHP	0