

SINGAPORE STANDARD
Specification for compost used in
agriculture and horticulture



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horticulture**

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Secretary	: Ms Lee Mong Ni	<i>SPRING Singapore</i>
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The Working Group on Compost, appointed by the Technical Committee to assist in the preparation of this standard, comprises the following experts who contribute in their *individual capacity*:

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Agri-Food & Veterinary Authority

Chew's Agriculture Pte Ltd

ecoWise Holdings Limited

GreenBack Pte Ltd

Housing & Development Board

Kiat Lee Landscape & Building

Landscape Industry Association of Singapore

National Environment Agency

National Parks Board

PUB, the National Water Agency

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Foreword

This Singapore Standard was prepared by the Working Group on Compost appointed by the Technical Committee on Solid Waste Management under the direction of the Environment Standards Committee.

In preparing this standard, reference was made to the following publications:

1. CS A03:2013 Specifications for soil mixture for general landscaping use
2. AS 4454 – 2012 Composts, soil conditioners and mulches

Acknowledgement is made to the Centre for Urban Greenery and Ecology (CUGE) of National Parks Board for the reproduction of Table 6 from the CS A03:2013 into Clause 6 of this Singapore Standard.

This standard is expected to be used by manufacturers, suppliers, customers of compost and relevant authorities, and for use in tender specifications. Trade consideration has been excluded as current local production of compost is able to meet the demands.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

NOTE

1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.*
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Specification for compost used in agriculture and horticulture

0 Introduction

The primary objective of this standard is to provide all the relevant agencies and consumers with the requirements for the physical, chemical and biological properties of composts inclusive of the labelling of the compost. The standard would also identify the phytotoxicity risks associated with inappropriate product manufacture/selection which requires pasteurisation and in compliance to health and safety, and by correct characterisation of compost products.

Consistent with the objectives, the intended outcome of the standard of local compost is to have a streamlined process control and effective pasteurisation for consistent product quality in compliance with the minimum requirements and guidance for product use.

This standard may be used as a tool for assessing compost quality and may also be used in whole as a fundamental quality assurance tool for making informed purchasing and utilisation decisions.

1 Scope

1.1 This standard specifies the requirements of local compost for use in agriculture and horticulture. It defines the minimum requirements of the physical, chemical, biological and labelling aspects for local composts derived from the compostable organic material for making informed purchasing decisions. The standard provides guidance on the sampling, labelling and test methods to be used to verify the quality requirements of a compost product. It also recommends the classification of local compost.

1.2 The standard covers products marketed or distributed as local compost. It applies to organic material that have been treated by pasteurising or other composting procedures excluding organic fertilisers such as blood, bone, liquid organic wastes, liquid seaweed products and green wastes that have not been subjected to composting.

2 Normative references

There are no normative references cited in this standard.