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DRAFT STANDARD FOR PUBLIC COMMENT

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Draft Sri Lanka Standard
SPECIFICATION FOR COMPOUND FERTILIZERS
(DSLS :) (ISO 22862 : 2021)

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(ශ්‍රීලංප්‍ර කෙටුම්පත :) (ISO 22862 : 2021)

මෙම කෙටුම්පත ශ්‍රී ලංකා ප්‍රමිතියක් ලෙස නොසැලකිය යුතු මෙන් ම භාවිතා නොකළ යුතු ද වේ.
இவ்வரைவு இலங்கைக் கட்டளையெனக் கருதப்படவோ அன்றிப் பிரயோகிக்கப்படவோ கூடாது
This draft should not be regarded or used as a Sri Lanka Standard.

අදහස් එවිය යුත්තේ : ශ්‍රී ලංකා ප්‍රමිති ආයතනය, 17, වික්ටෝරියා පෙදෙස, ඇල්විටිගල මාවත, කොළඹ 08.

Comments to be sent to: SRI LANKA STANDARDS INSTITUTION, 17, VICTORIA PLACE,
ELVITIGALA MAWATHA, COLOMBO 08.

**Draft Sri Lanka Standard
REQUIREMENTS FOR COMPOUND FERTILIZER**

**DSLS :
ISO 22862: 2021**

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Sri Lanka.**

Draft Sri Lanka Standard
REQUIREMENTS FOR COMPOUND FERTILIZER

NATIONAL FOREWORD

This Sri Lanka Standard was approved by the Sectoral Committee on Agriculture and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on

This Sri Lanka Standard is identical with **ISO 22862: 2021** Fertilizers and soil conditioners — Compound fertilizer — General requirements, published by the International Organization for Standardization (ISO).

ISO 18645: 2016 specifies general requirements for the testing, sampling and preparation of test samples and the marking, labelling, packaging, transport and storage of compound fertilizers. This Standard is applicable to inorganic solid compound fertilizers. This Standard is not applicable to controlled-release compound fertilizers.

Terminology and conventions

The text of the International Standard has been accepted as suitable for publication, without deviation, as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards. Attention is therefore drawn to the following:

- a) Wherever the words “International Standard” appear referring to this standard, they should be interpreted as “Sri Lanka Standard”.
- b) The comma has been used throughout as a decimal marker. In Sri Lanka Standards it is the current practice to use a full point on the baseline as the decimal marker.
- c) Wherever page numbers are quoted, they are ISO page numbers.

The test temperature adopted in Sri Lanka is 27 ± 2 °C and relative humidity $65 + 5$ per cent is recommended.

Cross references

International Standard

Corresponding Sri Lanka Standard

EN 15957, Fertilizers - Extraction of phosphorus which is soluble in neutral ammonium citrate	No corresponding Sri Lanka Standard
ISO 760 Determination of water — Karl Fischer method (General method)	No corresponding Sri Lanka Standard
ISO 5314 Fertilizers — Determination of ammoniacal nitrogen content — Titrimetric method after distillation	No corresponding Sri Lanka Standard
ISO 5315 Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation	No corresponding Sri Lanka Standard
ISO 5317 Fertilizers — Determination of water-soluble potassium content — Preparation of the test solution	No corresponding Sri Lanka Standard
ISO 6598 Fertilizers — Determination of phosphorus content — Quinoline phosphomolybdate gravimetric method	No corresponding Sri Lanka Standard
ISO 7409 Fertilizers — Marking — Presentation and declarations	No corresponding Sri Lanka Standard
ISO 8157 Fertilizers and soil conditioners — Vocabulary	SLS ISO 8157 Fertilizers, soil conditioners and beneficial substances — Vocabulary
ISO 8397 Solid fertilizers and soil conditioners — Test sieving	No corresponding Sri Lanka Standard
ISO 14820-1 Fertilizers and liming materials — Sampling and sample preparation — Part 1: Sampling	SLS ISO 14820 Fertilizers and liming materials — Sampling and sample preparation Part 1: Sampling
ISO 14820-2 Fertilizers and liming materials — Sampling and sample preparation — Part 2: Sample preparation	ISO 14820 Fertilizers and liming materials — Sampling and sample preparation Part 2: Sample preparation

**DSLS :
ISO 22862: 2021**

ISO 15604, Fertilizers — Determination of different forms of nitrogen in the same sample, containing nitrogen as nitric, ammoniacal, urea and cyanamide nitrogen	No corresponding Sri Lanka Standard
ISO 15959 Fertilizers — Determination of extracted phosphorus	No corresponding Sri Lanka Standard
ISO 17318 Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents	DSLS ISO 17318 Determination of arsenic, cadmium, chromium, lead and mercury contents in fertilizers and soil conditioners *
ISO 17319 Fertilizers and soil conditioners — Determination of water-soluble potassium content — Potassium tetraphenylborate gravimetric method	No corresponding Sri Lanka Standard
ISO 20620 Fertilizers and soil conditioners — Determination of total nitrogen by combustion	No corresponding Sri Lanka Standard
ISO 22018 Fertilizers, soil conditioners and beneficial substances — Determination of EDTA soluble phosphorus content in inorganic fertilizers	No corresponding Sri Lanka Standard
ISO 25475 Fertilizers — Determination of ammoniacal nitrogen	No corresponding Sri Lanka Standard

*Under preparation