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STANDARD**

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595-2**

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**Deltamethrin Pesticides — Specification —
Part 2: Wettable powder**

ICS 65.100.10

Reference number

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Foreword

Rwanda Standards are prepared by Technical Committees and approved by Rwanda Standards Board (RSB) Board of Directors in accordance with the procedures of RSB, in compliance with Annex 3 of the WTO/TBT agreement on the preparation, adoption and application of standards.

The main task of technical committees is to prepare national standards. Final Draft Rwanda Standards adopted by Technical committees are ratified by members of RSB Board of Directors for publication and gazettment as Rwanda Standards.

DRS 595-2 was prepared by Technical Committee RSB/TC 64, *Pesticides*.

DRS 595 consists of the following parts, under the general title *Deltamethrin Pesticides— Specification*:

- Part 1: Technical material
- Part 2: Wettable Powder
- Part 3: Dustable powder
- Part 4: Aqueous suspension concentration
- Part 5: Emulsifiable concentrate
- Part 6: Ultra low volume liquid
- Part 7: Water dispersible granules
- Part 8: Emulsion, oil-in-water
- Part 9: Emulsifiable granules
- Part 10: Long lasting treated storage bag

Committee membership

The following organizations were represented on the Technical Committee on *Pesticides* (RSB/TC 64) in the preparation of this standard.

Rwanda Food and Drugs Authority

Rwanda Forensic Institute

University of Rwanda/College of Sciences and Technology

Standards of Sustainability

CYIRA Ltd

Rwanda Inspectorate, Competition and Consumer Protection Authority

Rwanda Investigation Bureau

Rwanda Agriculture and Inputs Organization (RAIDO)

Rwanda Standards Board (RSB) – Secretariat

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Deltamethrin Pesticides — Specification — Part 2: Wettable Powder

1 Scope

This Draft Rwanda Standard specifies the requirements for wettable powder of deltamethrin used for agricultural purpose.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

RS 405, *Pesticides — Sampling*

RS 406, *Pesticides — Terminology*

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in RS 406 apply.

4 Requirements

4.1 Active ingredients

4.1.1 Identity test

Where the identity of the active ingredient is in doubt, determine in accordance with DRS 595-1 then the isolated active ingredient shall comply with at least one additional test.

4.1.2 Deltamethrin

The deltamethrin content shall be declared (g/kg) and, when determined in accordance with DRS 595-1, the content obtained shall not differ from that declared by more than the following amounts:

Declared content, g/kg at 20 ± 2°C	Tolerance limit
< 25	± 15% of the declared content
>25	± 10% of the declared content

NOTE 1- The deltamethrin content in wettable powders does not exceed 100 g/kg.

4.2 General requirements

4.2.1 The material shall consist of a homogeneous mixture of technical deltamethrin complying with the requirements of DRS 595-1 together with filler(s) and any other necessary formulants.

4.2.2 It shall be in the form of a fine, free-flowing powder free from visible extraneous matter and hard lumps.

4.3 Specific requirements

4.3.1 The product shall comply with the requirements given in table 1 when tested in accordance with the methods prescribed therein.

Table 1 — Specific requirements for deltamethrin wettable powder

S/N	Characteristics	Requirements	Test method
i.	Impurities, Deltamethrin R isomer, % by mass, max.	2	
ii.	Acidity (as H ₂ SO ₄), g/kg	5	
iii.	Alkalinity (as NaOH), g/kg	5	
iv.	Wet sieve test, % by mass, max., amount retained on a 78µm test sieve	2	
v.	^{1,2} Suspensibility, % by mass, min.	50% shall be in suspension after 30 minutes	
vi.	Storage stability 54 ± 2°C for 14 days		
<p>Note 1. The product should be tested at the highest and lowest rates of use recommended by the supplier, provided this does not exceed the conditions given in the method. A mean concentration should be 0.05 g/l of deltamethrin.</p> <p>Note 2: This test will normally only be carried out after the heat stability test</p>			

5 Packaging

The product shall be packaged in accordance with RS 565-1.

6 Labelling and marking

The labelling and marking of the product shall be done in accordance with DRS 578.

7 Retail, distribution, storage and handling

The product shall be handled in accordance with DRS 579.

NOTE Attention is drawn to the appropriate national and/ or international regulations on the handling and transport of flammable materials.

8 Sampling

Sampling shall be done in accordance with RS 405.

9 Disposal

Disposal of bulk quantities of obsolete pesticides shall be in accordance with DRS 589.

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Annex A
(normative)

Annex title

A.1 General

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Bibliography

- [1] FAO Specifications and evaluations for agricultural pesticides for *Deltamethrin*

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