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**Deltamethrin Pesticides — Specification —
Part 3: Dustable powder**

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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 595-3 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 3: Dustable Powder

1 Scope

This working draft specifies the requirements for dustable 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 WD xxx 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 WD xxx, the content obtained shall not differ from that declared by more than the following amounts:

Declared content in 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 WD xxx-1 together with filler(s) and any other necessary formulators.

4.2.2 It shall be in the form of a fine 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 dustable powder

S/N	Characteristics	Requirements	Test method
		Dustable powder	
i.	Impurities, Deltamethrin R isomer, % by mass, max.	29	
ii.	Acidity (as H ₂ SO ₄), g/kg	1	
iii.	Alkalinity (as NaOH), g/kg	2	
iv.	Dry sieve test, % by mass, max., amount retained on a 150µm test sieve	2	
v.	Dustability, at 54°C	the powder shall issue freely without clogging or bridging	

4.3.2 Storage stability at 54°C

When determined in accordance with xxx, after storage at 54 ± 2°C for 14 days, the product shall comply with the requirements of 4.1.1, 4.3.1 (i) and (iv).

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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Annex B
(informative)

Which styles correspond to which element — Quick reference guide

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Bibliography

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

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