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Poultry feed premix — Specification

PUBLIC REVIEW DRAFT



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Foreword

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The work of preparing Uganda Standards is carried out through Technical Committees. A Technical Committee is established to deliberate on standards in a given field or area and consists of key stakeholders including government, academia, consumer groups, private sector and other interested parties.

Draft Uganda Standards adopted by the Technical Committee are widely circulated to stakeholders and the general public for comments. The committee reviews the comments before recommending the draft standards for approval and declaration as Uganda Standards by the National Standards Council.

The committee responsible for this document is Technical Committee UNBS/TC 2, Food and Agriculture , Subcommittee SC 9, *Animal feed and feeding stuff*.

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Poultry feed premix — Specification

1 Scope

This Draft Uganda Standard specifies requirements for compounded poultry feed premixes used as a sole source of Vitamins and trace elements for poultry.

2 Normative references

The following referenced documents 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.

ISO 6497, *Animal feeding stuffs – Sampling*

CAC/RCP 54, *Code of practice on good animal feeding*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

Premix

is a concentrated mixture of vitamins, trace minerals and diluents. It may contain other feed additives such as amino acids or medicaments.

3.2

Compound feeds -:

is a mixture of feedstuffs blended from various raw materials and additives as a concentrate that provides energy, protein, trace elements for poultry in form a complete feed.

3.3

Chicks –

young laying or breeding chicken up to 8 weeks of age

3.4

Growers

laying or breeding chicken from 8weeks of age up to the point of laying

3.5

Layers

laying hens producing eggs

3.6

Breeders –

breeding chicken producing fertile eggs

3.7

Broilers -:

chicken specially bred for meat

- Broiler starter 0 – 3 weeks.
- Broiler finisher after 3 weeks.

3.8

Ducklings

young ducks up to 6 – 8 weeks of age

4 REQUIREMENTS

4.1 Raw materials

Poultry feed premix shall contain concentrated forms of Vitamins , minerals and a suitable carrier

4.1 Description

Premixes shall be a fine powder, granular or liquid.

4.3 The Premix shall be free from harmful constituents, metallic objects, adulterants, moulds, pathogenic micro-organisms or pest infestation and free from fermented, musty, rancid or uncharacteristic odour.

4.4 The poultry feed premix shall contain the following nutrients x2.5 for each figure

SL No	Class of stock	Vit.A I.u	Vit. D3 I.u	B2 mg	B12 mg	E i.U	K mg	B6 mg	Panotenic acid mg	Nicotinic acid mg	Folic acid mg	Choline mg	Copper mg	Magnese mg	Iodine mg	Zinc mg	Selenium mg	Biotin mg
i)	Chicks	6000000	1500000	4000	15	10000	2000	3000	10000	27000	500	250000	5000	75000	1000	5000	100	100
ii)	Ducklings	8000000	2000000	3000	10	25000	1000	2500	15000	30000	1000	250000	5000	75000	2000	6500	100	100
iii)	Poults	10000000	2000000	5000	10	10000	2000	4500	15000	75000	2000	1600000	5000	75000	400	7000	200	250
iv)	Growers	4000000	1000000	3000	4	5000	1000	2800	10000	25000	250	250000	5000	50000	1000	5000	100	100
v)	Layers	5000000	1500000	3000	10	20000	2000	3000	5000	10000	500	250000	5000	50000	1000	5000	100	25
vi)	Breeders	8000000	2000000	12000	8	75000	2000	2500	10000	30000	1000	250000	5000	75000	2000	5000	200	100
vii)	Broilers: Starter Finisher	8000000	2000000	4000	5	20000	2000	5000	10000	30000	1000	250000	5000	75000	1000	5000	100	150
viii)	Ducks	2500000	4000000	4000	5	10000	5000	2500	11000	55000	1000	250000	5000	75000	1000	5000	100	150
ix)	Turkey	5000000	1100000	2500	3	10000	7500	9000	40000	700	95000	6000	60000	400	4000	200	150	ix)

5 Food additive

Only the food additives permitted in US 45 for food additives may be used

6 Hygiene

Cattle feed premix shall be produced and handled in accordance with CAC/RCP 54

7. Packaging

7.1 Packaging

7.1 Poultry feed premixes shall be packaged in food grade material to safeguard the safety, hygienic, nutritional and organoleptic qualities of the product

7.2 Poultry feed premixes for sale shall be packed in containers which are of sufficient strength and sufficiently sealed so as to withstand reasonable handling without tearing, bursting or falling open during normal handling and transportation.

7.3 Each container for feed premixes shall be new, clean and free from visible indications of contamination, infection and insect infestation

10 Labelling

The following specific labelling requirements shall be legibly and indelibly marked:

- i. Name of product as “poultry feed premix” or x premix where x is the stage
- ii. Category of poultry for which it is intended;
- iii. Net Weight in metric units;
- iv. Batch number;
- v. Name and physical address of the manufacturer/processors;
- vi. Date of manufacture and expiry/best before date
- vii. Nutrient declaration:-
- viii. Instructions for use and storage
- ix. Country of origin;
- x. The statement “Poultry Food”;
 - (i) k) Storage conditions

6. Sampling

Poultry feed premixes shall be sampled in accordance to ISO 6497

Bibliography

- [1] KS 2508, *Poultry feed premixes specification*

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