



FF 2
MINISTRY OF AGRICULTURE, WATER AND FORESTRY



**FERTILIZERS, FARM FEEDS, AGRICULTURAL REMEDIES
AND STOCK REMEDIES ACT. 1947**

APPLICATION FOR REGISTRATION OF A FARM FEED

FOR OFFICE USE ONLY

Firm No:

Receipt No:

Receipt Date:

Amount Alloc:

Application Fee:

N-FF No:

The registration is Recommended

Not Recommended*

The Registrar (Act 36 of 1947)

Technical Adviser _____

Date _____

* Any reason for not recommending an application for registration or any conditions that should be imposed on the registration must be attached.

1. Name of applicant

1.1 Registration number of company :

2. Address (Applicant)

2.1 Postal Address

2.2 Postal Code :

2.3 Street Address:

2.4 Telephone No:

Fax No :

Dialling Code

4.6 Type of container and size

Jute Bag	:
Plastic Bag	:
Drum	:
Carton Box	:
Glass Bottle	:
Plastic Bottle	:
Polypropylene Bag	:
Paper Packet	:
Tin	:
Other (specify)	:

5. Product details of the farm feed / concentrate / supplement

5.1 Composition

CHEMICAL COMPOSITION OF FARM FEED / CONCENTRATE /			Office use only			
	Minimum	Maximum	Minimum	Maximum	Unit	Actual
Protein	6				g/kg	
Protein exclu NPN					%	
Nitrogen					g/kg	
Methionine + Cystine					g/kg	
Fat					g/kg	
Linoleic Acid					g/kg	
Fibre					g/kg	
Moisture					g/kg	
ME (Cattle)					MJ/kg	
ME (Sheep)					MJ/kg	
ME (Horses)					MJ/kg	
ME (Poultry)					MJ/kg	

ME (Pig)					MJ/kg	
Vitamin A					IU/kg	
Vitamin D					IU/kg	
Vitamin E					IU/kg	
Vitamin K					IU/kg	
Thiamine					mg/kg	
Riboflavin					mg/kg	
Biotin					mg/kg	
Folic Acid					mg/kg	
Pantothenic Acid					mg/kg	
Niacin					mg/kg	
Choline					mg/kg	
Vitamin B12					mg/kg	
Pyridoxine					mg/kg	
Vitamin C					mg/kg	
Calcium					g/kg	
Phosphorous					g/kg	
Ca : P	:1	:1	:1	:1		
Magnesium					g/kg	
Sulphur					g/kg	
Potassium					g/kg	
Sodium					g/kg	
Chlorine					g/kg	
Iron					mg/kg	
Copper					mg/kg	
Manganese					mg/kg	
Zinc					mg/kg	
Cobalt					mg/kg	
Iodine					mg/kg	
Selenium					mg/kg	
Molybdenum					mg/kg	
Fluorine					mg/kg	
Silicon					mg/kg	
Aluminium					mg/kg	

5.2 **Non protein nitrogen** sources included in the farm feed

NAME	FACTOR	MAX LEVEL	% OF PROTEIN
		g/kg	
		g/kg	
		g/kg	
		g/kg	
		g/kg	
		g/kg	
		g/kg	
		g/kg	
% PROTEIN EX NPN (TOTAL)			

5.3 **Anti-oxidants** and **preservatives** to be included in the farm feed

NAME OR DESCRIPTION	QUANTITY	UNITS
		mg/kg
		mg/kg
		mg/kg

5.4 **Additives** (Emulsifiers, stabiliser, thickeners, gelling agents, binders, anti caking agents, coagulant and colorants) to be included in the farm feed.

NAME OR DESCRIPTION	QUANTITY	UNITS
		mg/kg
		mg/kg
		mg/kg

5.5 **Flavourants** (Artificial or Digests) to be included in the farm feed.

NAME OR DESCRIPTION

5.9 In the case of **grain and protein rich seed mixtures** for poultry and pigeons indicate the type of seed / grain as well as quantities.

NAME OF GRAIN	UNITS	QTY	MINIMUM	MAXIMUM
NAME OF PROTEIN RICH SEED	UNITS	QTY	MINIMUM	MAXIMUM

6. **Where Concentrates are used**, indicate the details of each recommended final mixture separately (Complete 6.1, 6.2, 6.3 and 6.4 for every recommended mixture)

6.1 Kind of final Mixture :

6.2 Mixing Instructions Mix _____ kg Concentrate

with _____ kg _____

with _____ kg _____

with _____ kg _____

6.3

CHEMICAL COMPOSITION OF FINAL MIX (to be completed only for concentrates)	Office use only					
	Minimum	Maximum	Minimum	Maximum	Unit	Actual
Protein					g/kg	
Protein ex NPN					%	
Lysine					g/kg	
Methionine + Cystine					g/kg	
Fat					g/kg	
Linoleic Acid					g/kg	
Fibre					g/kg	
Moisture					g/kg	

ME (Ruminant)					MJ/kg	
ME (Monogastric)					MJ/kg	
Vitamin A					IU/kg	
Vitamin D					IU/kg	
Vitamin E					IU/kg	
Vitamin K					IU/kg	
Thiamine					mg/kg	
Riboflavin					mg/kg	
Biotin					mg/kg	
Folic Acid					mg/kg	
Pantothenic Acid					mg/kg	
Niacin					mg/kg	
Choline					mg/kg	
Vitamin B12					mg/kg	
Pyridoxine					mg/kg	
Vitamin C					mg/kg	
Calcium					g/kg	
Phosphorous					g/kg	
Ca : P	: 1	: 1	: 1	: 1		
Magnesium					g/kg	
Sulphur					g/kg	
Potassium					g/kg	
Sodium					g/kg	
Chlorine					g/kg	
Iron					mg/kg	
Copper					mg/kg	
Manganese					mg/kg	
Zinc					mg/kg	
Cobalt					mg/kg	
Iodine					mg/kg	
Selenium					mg/kg	
Molybdenum					mg/kg	
Fluorine					mg/kg	
Silicon					mg/kg	
Aluminium					mg/kg	

6.4 Non protein nitrogen content of final mixture and % contribution to protein.

NAME	FACTOR	MAX LEVEL	% OF PROTEIN
		g/kg	
		g/kg	
		g/kg	
		g/kg	
		g/kg	
		g/kg	
		g/kg	
		g/kg	
% PROTEIN EX NPN (TOTAL)			

7. NPN Warnings (Indicate with an X if applicable) (to be printed on the Labels)

*Applicable to **all farm feeds** containing a NPN source:*

1. Vinegar is an effective remedy against NPN poisoning. Mix with equal amount of water. Dose: Half a bottle per calf or large sheep or 2 to 4 bottles per head of cattle (1 bottle = 750 ml)
2. Protect this farm feed against rain. NPN is soluble and animals drinking such a solution could be poisoned.
3. Do not feed this farm feed indiscriminately with other NPN containing farm feeds. Consult an animal scientist

***Concentrates** containing a NPN source:*

4. Mix this concentrate thoroughly with the prescribed ingredients.

***Finisher feeds** containing a NPN source:*

5. Adaptation: Limit the intake of the finisher feed to approximately 1% of the animals' live mass during the first week in order to prevent digestive disorders.
6. Finisher feeds are fed with adequate roughage or natural grazing. Feeding troughs must always be kept filled.

***Complete feeds** containing a NPN source:*

7. During the first week additional roughage must be fed to facilitate adaptation.
8. This farm feed must be fed *ad libitum* Ensure that the feed troughs are always full.

Animal licks containing a NPN source:

9. This is a supplement and not a feed. Sufficient grazing and / or roughage must be available at all times.
10. Keep the lick troughs filled and prevent gluttonous eating by hungry animals. A constant daily intake can help to prevent poisoning.
11. Before feeding a NPN containing lick, feed an ordinary salt/phosphate lick for at least 7 days.

Dairy meals containing a NPN source:

12. Adaptation: When changing from a NPN-free dairy meal, to a NPN-containing meal, it is advisable to feed a 50/50 mixture for 4 to 6 days, before switching completely over to the new meal.
13. Dairy meal must be fed 2 or more times daily.
14. The quantity of dairy meal fed will depend on the quality and quantity of the available grazing and/or roughage.

DECLARATION

I hereby certify that the information furnished in this application is to the best of my knowledge true, correct and complete.

INITIALS AND SURNAME**SIGNATURE :****CAPACITY : I****DATE :**

Any person who in any application makes any statement which is false in any material respect, knowing it to be false, or fails to disclose any information with intent to deceive, shall be guilty of an offence and on conviction liable to a fine not exceeding one thousand Rand or to imprisonment not exceeding two years.