



OSTRICH STARTER / GROWER MACRO

AN AMINO ACID, MINERAL, TRACE MINERAL AND VITAMIN CONCENTRATE FOR OSTRICHES - FOR HOME MIXING OF OSTRICH FEEDS

PRODUCT DESCRIPTION

A highly concentrated and fully mixed user-friendly mini-concentrate for the home mixing of the following high quality ostrich feeds by both farmers and small millers:

1. Pre-starter ration from day old until 2 months of age
2. Starter ration from 2 tot 4 months of age
3. Grower ration from 4 tot 6 months of age

FEATURES

Highly concentrated

Packed in 19 kg bags

Contains high levels of two important amino acids (lysine & methionine)

Contains full spectrum of minerals and trace minerals

Contains full spectrum of vitamins

BENEFITS

- Maximum use of home grown or local available raw materials
- Cost effective transportation
- Easy handling
- Convenient for smaller mixtures of 500 kg
- Promote optimal growth and development
- Promote digestion, metabolism, growth and resistance against diseases
- Promote digestion, metabolism, growth and resistance against diseases

1. Mixing recommendations for PRE-STARTER RATIIONS from day old until 2 months of age:

INGREDIENT	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Lucerne hay	112	102	127	147	122	157
Wheat bran		60	60			90
Maize meal	500	475	475	475	475	425
Canola oilcake meal					75	
Soybean oilcake meal	225	200	300	275	250	250
Sunflower oilcake meal	125	125				
Fish meal				25		
Molasses meal				40	40	40
Ostrich Starter/Grower Macro	38	38	38	38	38	38
Total (kg)	1000	1000	1000	1000	1000	1000
Composition (%)						
Protein	21,4	20,7	21,1	21,1	20,6	19,4
Lysine	1,10	1,03	1,20	1,23	1,15	1,08
Methionine	0,44	0,43	0,41	0,43	0,41	0,38
Energy TDN	70,4	69,7	69,8	70,4	70,5	67,7
Energy MJ ME per kg	10,7	10,6	10,6	10,7	10,7	10,2
Fibre	8,5	8,9	8,2	8,1	8,0	9,4
Calcium	1,14	1,13	1,14	1,36	1,26	1,25
Phosphorous	0,67	0,70	0,66	0,66	0,65	0,65
Phosphorous available	0,34	0,35	0,33	0,38	0,33	0,33
Sodium	0,11	0,11	0,11	0,13	0,17	0,11
Moisture	11,0	11,0	11,0	11,2	11,2	11,3

FEEDING

RECOMMENDATIONS:

- Feed ingredients must be milled through a 6 mm sieve.
- Provide the ration ad lib from day old until the age of 2 months or until 15 kg body weight.
- Provide sufficient feeding space and fill feed troughs regularly – 2 to 4 times per day.
- The ration must preferably be provided in a shaded area.

2. Mixing recommendations for STARTER RATIIONS from 2 to 4 months of age:

INGREDIENT	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Lucerne hay	212	167	147	247	197	272
Wheat bran		70	100			
Maize meal	475	475	450	450	475	450
Canola oilcake meal					75	
Soybean oilcake meal	150	125	225	200	175	200
Sunflower oilcake meal	125	125				
Fish meal				25		
Molasses meal			40	40	40	40
Ostrich Starter/Grower Macro	38	38	38	38	38	38
Total (kg)	1000	1000	1000	1000	1000	1000
Composition (%)						
Protein	19,3	18,4	18,4	19,0	18,2	17,8
Lysine	0,94	0,87	1,01	1,10	1,00	0,98
Methionine	0,41	0,40	0,37	0,40	0,38	0,36
Energy TDN	66,7	67,5	68,1	66,9	68,1	65,5
Energy MJ ME per kg	10,14	10,22	10,31	10,13	10,31	9,91
Fibre	10,8	10,4	9,2	10,3	9,6	11,0
Calcium	1,25	1,20	1,24	1,40	1,30	1,33
Phosphorous	0,64	0,68	0,65	0,63	0,62	0,58
Phosphorous available	0,33	0,34	0,33	0,36	0,32	0,31
Sodium	0,12	0,12	0,11	0,13	0,17	0,12
Moisture	11,1	11,2	11,4	11,4	11,3	11,4

FEEDING RECOMMENDATIONS:

- Feed ingredients must be milled through a 6 to 10mm sieve.
- Provide the ration ad lib from 2 to 4 months of age or 15 kg to about 40 kg body weight.
- Provide sufficient feeding space and fill feed troughs regularly – 2 to 4 times per day.
- The ration must preferably be provided in a shaded area.

3. Mixing recommendations for GROWER RATIIONS from 4 to 6 months of age:

INGREDIENT	No. 1	No. 2	No. 3	No. 4	No. 5
Lucerne hay	297	252	272	322	397
Wheat bran		70	100		
Maize meal	475	450	425	450	425
Canola oilcake meal				100	
Soybean oilcake meal	50	50	125	50	100
Sunflower oilcake meal	100	100			
Molasses meal	40	40	40	40	40
Ostrich Starter/Grower Macro	38	38	38	38	38
Total (kg)	1000	1000	1000	1000	1000
Composition (%)					
Protein	15,2	15,3	15,5	15,0	15,0
Lysine	0,70	0,68	0,81	0,76	0,78
Methionine	0,35	0,35	0,33	0,34	0,32
Energy TDN	64,30	64,50	63,90	63,84	61,22
Energy MJ ME per kg	9,72	9,76	9,67	9,66	9,27
Fibre	12,4	12,2	12,0	12,4	13,8
Calcium	1,40	1,34	1,34	1,42	1,43
Phosphorous	0,60	0,64	0,61	0,60	0,55
Phosphorous available	0,31	0,32	0,32	0,31	0,30
Sodium	0,12	0,12	0,12	0,19	0,13
Moisture	11,5	11,5	11,6	11,5	11,5

FEEDING RECOMMENDATIONS:

- Feed ingredients must be milled through a 10 to 13 mm sieve.
- Provide ad lib from 4 to 6 months of age or 40 to 60kg body weight

