



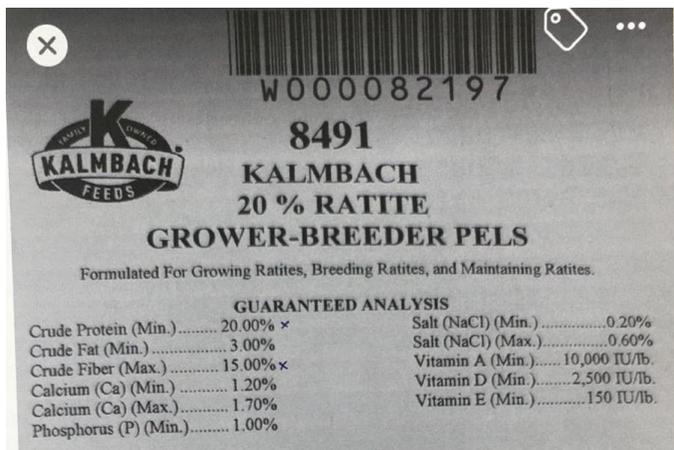
Ash %		11	8.3	8	9	12.75	7.5	14	7.5		8.8 / 9	7.3	9.5	9.8	7.70%
Calcium %	1.4 - 1.9	21.7 grams/kg	1.5	1.25	1.35	3.22	1.1	2.8	1.25	1.2 - 1.7	1.3 - 1.9	1.35	1.7	2	0.9 - 1.4%
Phosphorus %		10.01 grams/kg					1.1	0.7	0.93	1	1.1 - 1.2	0.88	0.98	1.1	0.60%
Phosphorus ( non-phytate) %	8	10.01 grams/kg	0.78	0.96	0.67	0.45	0.9	1.1			0.85	0.6	0.8	0.8	
Potassium %		10.01 grams/kg					1.1	1			1.2	1.27	1.1	1.3	
Magnesium %		10.01 grams/kg					0.22	0.2			0.23	0.25	0.21	0.23	
Sodium %		2.03 grams/kg			0.21	0.18	0.23	0.15	0.2		0.23	0.17	0.25	0.22	
Chloride %							0.2	0.2			0.41	0.39	0.5	0.4	
Iron, Ferrous sulfate ppm			30 mg/kg	30 mg/kg	30 mg/kg	40 mg/kg	220 mg/kg	210 mg/kg			510	390	575	470	
Iron Sulphate Monohydrate		45 mg						26 mg/kg							
Zinc, ppm		31mg	80 mg/kg	80 mg/kg	100 mg/kg	100 mg/kg	90 mg/kg	110 mg/kg			175	150	135	175	
Zinc oxide								69 mg/kg							
Manganese, ppm		63 mg	100 mg/kg	100 mg/kg	100 mg/kg	100 mg/kg	80 mg/kg	110 mg/kg			200	180	130	200	
Manganese oxide								64 mg/kg							
Copper, ppm		9mg	20 mg/kg	25 mg/kg	15 mg/kg	20 mg/kg	20 mg/kg	20 mg/kg			45	37	19	45	
Copper sulphate pentahydrate							80 mg/kg	12 mg/kg	15 mg/kg						
Iodine (Calcium iodate anhydrous)		1 mg					1 mg/kg	0.7 mg/kg	3.16 mg/kg						
Iodine, ppm			2 mg/kg	2 mg/kg	2 mg/kg	2 mg/kg	1.2 mg/kg	0.8 mg/kg			1.3	1.3	1.5	1.3	
Selenium, ppm			250 mcg/kg	250 mcg/kg	0.2 mg/kg	0.2 mg/kg	0.4 mg/kg	0.4 mg/kg			(added) 0.27	0.57	0.2	(added) 0.20	
Selenium Sodium Selenite		0.1 mg					0.2 mg/kg	0.2 mg/kg							
Cobalt			0.5 mg/kg			0.5 mg/kg	0.1 mg/kg	0.1 mg/kg				0.9			
Molybdenum						0.5 mg/kg									
Chromium ppm												2.3			
<b>Vitamins</b>															
Thiamin, Vitamin B1, ppm			2 mg/kg	2 mg/kg	10 mg/kg	2mg/kg	3 mg/kg	2 mg/kg	yes		13	9.3	14	14	
Riboflavin, Vitamin B2, ppm			10 mg/kg	10 mg/kg	10 mg/kg	10 mg/kg	12 mg/kg	8 mg/kg	yes		12	11	4.7	14	
Niacin / Nicotinic acid, Vitamin B3, ppm			50 mg/kg	50 mg/kg	50 mg/kg	50 mg/kg	60 mg/kg	36 mg/kg			104	90	105	123	
Pantoic acid, Vitamin B5, ppm			15 mg/kg	15 mg/kg	15 mg/kg	15 mg/kg			yes		24	24	22	31	
Choline chloride, ppm			500 mg/kg	500 mg/kg	500 mg/kg	750 mg/kg					1,345	1,88	1,280	1,685	
Folic acid, Vitamin B9, ppm			2.0 mg/kg	2.0 mg/kg	2.0 mg/kg	2.0 mg/kg	2mg/kg	1 mg/kg	yes		4.8	3.3	4.9	11	
Pyridoxine, Vitamin B6, ppm			3 mg/kg	3 mg/kg	6 mg/kg	6 mg/kg	5 mg/kg	3 mg/kg	yes		9.5	8	5.7	13	
Biotin, Vitamin B7, ppm			250 mcg/kg	200 mcg/kg	200 mcg/kg	400 mcg/kg	0.2 mg/kg	0.1 mg/kg	yes		0.56	0.46	0.44	0.66	
Ascorbic acid, Vitamin C											175				
Vitamin B12, mcg/kg			25 mcg/kg	20 mcg/kg	25 mcg/kg	25 mcg/kg	0.4 mg/kg	0.3 mg/kg	yes		35	44	14	17	
Vitamin A, IU/kg		added	15,000	10,000	10,000	15,000	1	9,800	yes	10,00 USP units / lb	16,065	13,200	10,540	19,135	

Vitamin D3, IU/kg		added	3,000	3,000	3,000	3,000	4,000	3,200	yes	2,500 IU/lb	(added) 3170	(added) 3,000	1,465	(added) 3,170
Vitamin E, IU/kg		67mg	200	200	200	200 mg/kg	85	160 mg/kg	100 mg	150 IU/lb	270	150	140	300
Vitamin K, ppm			4 mg/kg	3 mg/kg	4 mg/kg	4 mg/kg	3 mg/kg	2 mg/kg			(as menadione) 4.6	(as menadione) 4.3	(as menadione) 2.4	(as menadione) 4.7
Beta-carotene, ppm											245		10	
Antioxidant			50 mg/kg	50 mg/kg	50 mg/kg	10 mg/kg								
Salt %	0.1 - 0.6		0.44	0.35	0.44	0.43				0.2 - 0.6	0.10 - 0.50		0.25 - 0.75	0.25 - 0.75 0.10 - .60%
Moisture %											12	12	9	12
<b>Other</b>										3mm pellets for starter / grower feed		5/32" pellet	5/32" pellet	5/32" pellet
										19.5 % daily RA				
<b>Metabolizable Energy kcal/kg</b>			9.8 mi/kg	9.1 mi/kg	7.56 mi/kg	9.10 mi/kg					2,455	2,200	1,805	2,470
<b>Ingredients</b>		dehydrated alfalfa meal, wheat, maize	Wheat Middlings; Barley; Wheat; Oats;	Oats; Wheat; Hi-pro Soya; Barley; Soya	Wheat Middlings; Oatfeed Meal; GM H-pro; Soya; Soya; Soya	Wheat; Wheat Middlings; Oats; Hi-pro Soya Meal; Celium; Celium; Celium	Wheatfeed; Alfalfa; Dehulled Soya Bean		Sunflower Extractor	Middling's; Alfalfa Meal;	soybean meal, wheat middlings, dehydrated	dehydrated alfalfa meal, wheat middlings,	dehydrated alfalfa meal, oat hulls, dehulled	ground corn, wheat middlings, dehydrated

**Other Info:**

Dodson and Horrell Layers has Additives: Cartenoids and xanthophylls... Citranaxanthin 3.7 mg/kg, Lutein 1.1 mg/kg, Zeaxanthin 0.07 mg/kg

Not much info received from Versele - Laga, other than... The start feed for ostrich chickens (Austru1 & 2 pellet) does contain added vitamin B (namely vitamins B1, B2, B6, B12, panto thenate, PP, folic acid and biotin). The maintenance pellet (from 6 m) and laying and breeding pellets (during laying and breeding) also contain these vitamins.



<https://www.emu.services>

**INGREDIENTS:**

Wheat Middling's, Alfalfa Meal, Corn, Dehulled Soybean Meal, Soybean Hulls, Corn Distillers Dried Grains with Solubles, Corn Gluten Meal, Corn Starch, *Yucca schidigera* Extract, Verxite Granules, Vegetable Oil, Dicalcium Phosphate, Monocalcium Phosphate, Deffourinated Phosphate, Calcium Carbonate, DL-Methionine Hydroxy Analog, Potassium Sulfate, Magnesium Sulfate, Salt, Choline Chloride, Vitamin E Supplement, Niacin Supplement, Calcium Pantothenate, Menadione Sodium Bisulfite Complex, Vitamin A Supplement, Vitamin D3 Supplement, Riboflavin Supplement, Mineral Oil, Vitamin B12 Supplement, Folic Acid, Pyridoxine Hydrochloride, Thiamine Mononitrate, Biotin, Zinc Sulfate, Zinc Amino Acid Complex, Ferrous Sulfate, Manganese Sulfate, Manganese Amino Acid Complex, Copper Sulfate, Copper Amino Acid Complex, Ethylenediamine Dihydriodide, Cobalt Sulfate, Sodium Selenite, Cobalt Glucoheptonate, Ethoxyquin (a preservative), Propionic Acid (a preservative).

**FEEDING DIRECTIONS:**

**Growing:** Feed free choice to growing raities as sole ration from three weeks to maturity.  
**Breeding:** Mix 2 lbs of oyster shell with each 50 lb bag of Kalmbach 20% Ratite Grower-Breeder Pellets to ensure adequate calcium for eggshell production.  
**Maintenance:** Mix 50 lbs of good quality oats with 100 lbs of Kalmbach 20% Ratite Grower-Breeder Pellets and with 1 lb of oyster shell to make a maintenance diet.

Net Weight - 50 LBS. (22.7 Kg.) - BULK - Shown on Invoice

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**AFS OSTRICH/EMU MAINT**

Complete Feed for Ostrich and Emu

**Guaranteed Analysis**

Crude Protein (Min).....	16.8	%
Crude Fat (Min).....	2.8	%
Crude Fiber (Max).....	11.0	%
Ash (Max).....	7.7	%
Calcium (Min).....	0.9	%
Calcium (Max).....	1.4	%
Phosphorus-Total (Min).....	0.6	%
Salt (Min).....	0.10	%
Salt (Max).....	0.60	%
Sodium (Max).....	0.2	%
Methionine (Min).....	0.2	%
Lysine (Min).....	0.6	%

**List of Ingredients**

Ground Corn, Alfalfa Meal, Soybean Meal, Ground Wheat Grain Screenings, Safflower Meal, Dried Distillers Grains, Ground Soybean Hulls, Monocalcium Phosphate, Dicalcium Phosphate, Calcium Carbonate, Salt, Vegetable Oil and Animal Fat Blend, DL-Methionine Hydroxy Analogue, Choline Chloride, L-Lysine, Ferrous Sulfate, Manganous Oxide, Zinc Oxide, d-Alpha Tocopherol Acetate, Niacin Supplement, Copper Sulfate, d-Calcium Pantothenate, Vitamin A Acetate, Vitamin D3 Supplement, Riboflavin Supplement, Menadione Sodium Bisulfite Complex, Ethylenediamine Dihydriodide, d-Biotin, Pyridoxine Hydrochloride, Sodium Selenite, Thiamine Mononitrate, Vitamin B-12 Supplement, Folic Acid

**Feeding Directions:** Feed Ostrich/Emu Maintenance from 9 months of age until 1 month prior to breeding. Provide plenty of clean, fresh water at all times.

Storage Recommendation: Feed is perishable. Store this product in a clean, dry, and well ventilated area away from rodents and insects.

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