

Vitamin and Trace Mineral Specifications for Breeders and Commercials (Added Via Premix)

Nutrient	Unit	Breeders			Commercials		
		0 to 42 days	43 to 210 days	211 to market	0 to 42 days	43 to 98 days	99 to market
Vitamin A	IU/kg	10,000	8,000	10,000	10,000	8,000	7,000
Vitamin D3	IU/kg	5,000	4,000	5,000	5,000	4,000	3,500
Vitamin E	IU/kg	100	50	75	100	50	25
Vitamin K	mg/kg	4	2	4	4	2	2
Thiamine	mg/kg	4.5	2	4.5	4.5	2	2
Riboflavin	mg/kg	15	10	15	15	10	8
Pantothenic acid	mg/kg	25	20	25	25	20	15
Niacin	mg/kg	100	80	100	100	80	50
Pyridoxine	mg/kg	5	3.5	5	5	3.5	2.5
Biotin	mg/kg	0.3	0.15	0.5	0.3	0.15	0.15
Folic acid	mg/kg	2.5	2	2.5	2.5	2	2
Vitamin B12	mg/kg	0.04	0.02	0.04	0.04	0.02	0.015
Choline	mg/kg	1200	600	1200	1200	900	600
Copper	mg/kg	15	10	15	15	10	10
Iodine	mg/kg	3	2	3	3	2	2
Iron	mg/kg	80	40	80	80	40	40
Manganese	mg/kg	160	120	160	160	120	120
Selenium	mg/kg	0.3	0.3	0.3	0.3	0.3	0.3
Zinc	mg/kg	160	120	160	160	120	120