

All-vegetable broiler starter feed formulation with corn and soybean meal without antibiotics (US)

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All-vegetable broiler starter feed

Ingredients	Pounds/1,000
Corn, ground	570.00
Wheat soft, ground	0.00
Soybean meal, 44% CP	300.00
Rapeseed meal, 35% CP	0.00
Corn DDGS, bioethanol	50.00
Fish meal, 70% CP	0.00
Poultry byproduct meal, 60% CP	0.00
Wheat middlings, 7% CF	0.00
Soybean oil	25.00
Salt	4.00
Monocalcium phosphate	18.00
Calcium carbonate	12.00
L-Lysine HCl	4.25
DL-Methionine	3.50
L-Threonine	2.25
L-Tryptophan	0.25
Vitamin premix	3.00
Trace mineral premix	3.00
Choline chloride	0.75
Organic acids	3.00
Antibiotic growth promoters	0.00
Coccidiostatic agent	0.00
Additives	1.00
TOTAL	1000.00

Dietary specifications

Energy, AMEn	3113 kcal/kg
Crude protein	20.23%
Crude fiber	3.42%
Lipids	5.35%
Calcium	0.91%
Available phosphorus	0.44%
Sodium	0.19%
Chlorine	0.37%
Potassium	0.88%
Digestible lysine	1.24%
Digestible methionine	0.63%
Digestible met+cys	0.93%
Digestible threonine	0.89%
Digestible tryptophan	0.21%
Choline	1738 ppm

Calculated index values

Ca:AvP	2.05
dEB (mEq/kg)	203

Ideal protein profile

Dig. Met:Lys	0.51
Dig. MC:Lys	0.75
Dig. Thr:Lys	0.71
Dig. Trp:Lys	0.17

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Source: Ioannis Mavromichalis, Ph.D.