

Modern broiler starter feed formulation with wheat, soybean meal, rapeseed meal and fishmeal without antibiotics (EU)

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Modern EU broiler starter feed

Ingredients	Pounds/1,000
Corn, ground	0.00
Wheat soft, ground	620.00
Soybean meal, 44% CP	150.00
Rapeseed meal, 35% CP	50.00
Corn DDGS, bioethanol	0.00
Fish meal, 70% CP	50.00
Poultry byproduct meal, 60% CP	0.00
Wheat middlings, 7% CF	50.00
Soybean oil	30.00
Salt	3.50
Monocalcium phosphate	10.00
Calcium carbonate	12.00
L-Lysine HCl	4.75
DL-Methionine	3.50
L-Threonine	2.75
L-Tryptophan	0.25
Vitamin premix	3.00
Trace mineral premix	3.00
Choline chloride	0.25
Organic acids	5.00
Antibiotic growth promoters	0.00
Coccidiostatic agent	1.00
Additives	1.00
TOTAL	1000.00

Dietary specifications

Energy, AMEn	3113 kcal/kg
Crude protein	20.14%
Crude fiber	3.23%
Lipids	4.95%
Calcium	0.90%
Available phosphorus	0.45%
Sodium	0.19%
Chlorine	0.44%
Potassium	0.74%
Digestible lysine	1.25%
Digestible methionine	0.66%
Digestible met+cys	0.95%
Digestible threonine	0.89%
Digestible tryptophan	0.21%
Choline	1758 ppm

Calculated index values

Ca:AvP	1.98
dEB (mEq/kg)	148

Ideal protein profile

Dig. Met:Lys	0.53
Dig. MC:Lys	0.76
Dig. Thr:Lys	0.71
Dig. Trp:Lys	0.17

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Source: Ioannis Mavromichalis, Ph.D.