

Broiler Performance

Age Days	Weight for Age							
	Certified Program*						Genetic Potential**	
	Male	ADG	Female	ADG	A/H	ADG	A/H	ADG
21	574	27.3	552	26.3	563	26.8	602	28.7
28	876	31.3	824	29.4	850	30.4	880	31.4
35	1305	37.3	1157	33.1	1231	35.2	1295	37.0
42	1754	41.8	1480	35.2	1617	38.5	1760	41.9
49	2107	43.0	1743	35.6	1925	39.3	2110	43.1
56	2495	44.6	2025	36.2	2260	40.4	2475	44.2
63	2793	44.3	2323	36.9	2558	40.6	2815	44.7
70	3092	44.2	2622	37.5	2857	40.8	3135	44.8

Age Days	Cumulative Feed Conversion				Cumulative Feed Consumption			
	Certified Program*		Genetic Potential**		Certified Program*		Genetic Potential**	
	Male	Female	A/H	A/H	Male	Female	A/H	A/H
21	1.35	1.43	1.39	1.37	775	789	783	825
28	1.53	1.62	1.58	1.55	1340	1335	1339	1364
35	1.70	1.80	1.75	1.72	2219	2083	2154	2227
42	1.83	1.94	1.89	1.83	3210	2871	3048	3221
49	1.95	2.08	2.02	1.92	4109	3625	3879	4051
56	2.06	2.20	2.13	2.00	5140	4455	4814	4950
63	2.19	2.35	2.27	2.11	6117	5459	5807	5940
70	2.33	2.49	2.41	2.23	7204	6529	6885	6991

\* Free range conditions. Diet as per described in this supplement.

\*\* Indoor growing conditions. Higher density diet as per the one described in this supplement (5% higher in aminoacids).

Cobb-Vantress Inc.

PO Box 1030, Siloam Springs

Arkansas 72761, US

Tel: +1 479 524 3166

Email: info@cobb-vantress.com

Cobb Europe Ltd

Oyster House, Severalls Lane, Colchester

Essex CO4 9PD, UK

Tel: +44 1206 835835

Email: info@cobb-europe.com

Cobb-Vantress Brasil, Ltda.

Rodovia Assis Chateaubriand, Km 10

Cep: 15110-970/Caixa Postal 2

Guapiaçu-SP-Brasil

Tel: +55 (17)3267 9999

Email: cobb.info@cobb-vantress.com.br

Cobb-Vantress Philippines Inc.

5/F 8101 Pearl Plaza, Pearl Drive

Ortigas Center, Pasig City

Philippines

Tel: +63 2 634 3590

Fax: +63 2 634 3598

cobb-vantress.com

# Broiler Performance & Nutrition Supplement

CobbSasso150™



broiler

## Introduction

This supplement presents broiler performance targets for your Cobb Sasso150 broilers, together with recommendations on nutritional specifications designed to help achieve these targets.

The Cobb Sasso150 broiler is aimed at markets where there is a premium for qualities that constitute a 'point of difference.' They are grown to 49 days and upwards and still show competitive feed conversion and carcass yield. A percentage of the birds show characteristic color markings. The Cobb Sasso150 can be successfully grown under different management systems: indoor, free range, organic...including most welfare accredited production systems across Europe.

These targets are based on a combination of field performance and experience from around the world. The growth rates shown are the targets for achieving cost-efficient performance.

The recommendations present formulations balanced to suit your Cobb Sasso150 broiler. The key micronutrients in particular are well known for their effect on the development and mineralization of bone. It is essential that adequate levels of these are presented to the birds throughout their development.

Quality and availability of raw materials may require nutrient levels to be adjusted. Formulations may need to be 'fine tuned' to suit your specific requirements and environment.

Please contact your local Cobb technical representative to help develop a program designed specifically to suit your own local conditions based on the advice and information contained in this supplement and the main Cobb Broiler Management Guide.

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## Broiler Nutrition

Recommended Broiler Feed Formulation				
		Starter	Grower	Finisher
<b>FEEDING AMOUNT/bird</b>		<b>1000 g</b>	<b>1000g</b>	
<b>FEEDING PERIOD days</b>		<b>0 - 28</b>	<b>29-49</b>	<b>50+</b>
<b>Protein</b>	%	22.00	19.00	18.00
<b>Energy</b>	MJ/kg	12.55	13.14	13.31
	Kcal/kg	3000	3140	3180
<b>Lysine</b>	%	1.35	1.20	1.11
<b>Digestible Lysine</b>	%	1.22	1.08	1.00
<b>Methionine</b>	%	0.52	0.48	0.45
<b>Digestible Methionine</b>	%	0.46	0.43	0.41
<b>Met + Cys</b>	%	1.04	0.91	0.86
<b>Digestible Met + Cys</b>	%	0.90	0.82	0.77
<b>Tryptophan</b>	%	0.23	0.20	0.20
<b>Threonine</b>	%	0.90	0.80	0.76
<b>Arginine</b>	%	1.42	1.27	1.20
<b>Calcium</b>	%	0.95	0.85	0.80
<b>Available Phosphorus</b>	%	0.48	0.43	0.40
<b>Sodium</b>	%	0.17	0.16	0.16
<b>Chloride</b>	%	0.16	0.15	0.15
<b>Linoleic Acid</b>	%	1.25	1.20	1.00
<b>Cal: Protein Ratio</b>		136	165	177

## Broiler Nutrition

Supplementary levels of Vitamins and Trace elements (per tonne)				
	Starter	Grower	Finisher 1	Finisher 2
<b>Vitamin A (Maize diets) (MIU)</b>	13	11	10	10
<b>Vitamin A (Wheat diets)</b>	14	12	11	11
<b>Vitamin D3 (MIU)</b>	5	5	5	5
<b>Vitamin E (KIU)</b>	80	60	50	50
<b>Vitamin K (g)</b>	4	3	3	3
<b>Vitamin B1 (thiamine) (g)</b>	4	2	2	2
<b>Vitamin B2 (riboflavin) (g)</b>	9	8	8	8
<b>Vitamin B6 (pyridoxine) (g)</b>	4	4	3	3
<b>Vitamin B12 (mg)</b>	20	15	15	15
<b>Biotin (Maize Diets) (mg)</b>	150	120	120	120
<b>Biotin (Wheat Diets)</b>	200	200	180	180
<b>Choline (g)</b>	400	400	350	350
<b>Folic Acid (g)</b>	2	2	1.5	1.5
<b>Nicotinic Acid (g)</b>	60	50	50	50
<b>Pantothenic Acid (g)</b>	15	12	12	12
<b>Manganese (g)</b>	100	100	100	100
<b>Zinc (g)</b>	100	100	100	100
<b>Iron (g)</b>	40	40	40	40
<b>Copper (g)</b>	15	15	15	15
<b>Iodine (g)</b>	1	1	1	1
<b>Selenium (g)</b>	0.3	0.3	0.3	0.3

MIU = million international units  
 KIU = thousand international units  
 g = grams  
 mg = milligrams

Supplementary levels of trace elements should always be reviewed to ensure total levels do not exceed those set in local legislation (e.g. EU 1334/2003)