SPECTRUM®

AgriBlue®

SPECIFICATIONS

PERDUE®

AgriBusiness®
ANIMAL NUTRITION

6906 Zion Church Rd.
Salisbury, MD 21804
SPECTRUM AGRIBLUE® is a registered trademark of Perdue, Inc.

Standard Analysis	% DM
Moisture	6.3
Dry Matter	93.7
Nitrogen	14.8
Crude Protein	92.3
Soluble Protein	41.8
Ammonia	0.0
NDIP	8.2
ADIP	8.2
Crude Fiber	0.0
ADF	0.0
NDF	0.0
Lignin	0.0
Total VFA	0.0
Lactic	0.0
Acetic	0.0
Sugar	0.0
Starch	0.0
Soluble Fiber	0.0
NFC	0.0

Protein Bioavailability	% DM
RUP % CP	93.3
RUPd % RUP	90.5
dRUP % DM	77.9
dRUP-Lys % DM	6.6
dRUP-Met % DM	4.3
dRUP-EAA % DM	45.1

Macro Mineral	% DM
Ash	5.4
Calcium	0.6
Phosphorus	0.4
Magnesium	0.0
Potassium	0.2
Sulfur	0.7
Sodium	0.4
Chloride	0.5

Trace Mineral	ppm
Iron	2,323
Manganese	4.7
Zinc	35
Copper	6.5

Fatty Acids	% DM
Fat	2.3
TFA	2.2
Glycerol	0.1
Pigment	0.1
C12:0	0.0
C14:0	0.0
C16:0	0.6
C16:1	0.1
C18:0	0.7
C18:1T	0.0
C18:1C	0.5
C18:2	0.2
C18:3	0.0
Other	0.1
Fat Type	1.9
Lipolysis Rate	55.7

Pool	% DM	Rate	Int dig
CHO A1	-	-	-
CHO A4	-	-	-
CHO B1	-	-	-
CHO B2	-	-	-
CHO B3	-	-	-
CHO C	-	-	-
PRO A1	-	-	-
PRO A2	41.82	1.00	100.0
PRO B1	42.34	0.55	100.0
PRO B2	-	-	-
PRO C	8.19	-	-

	Product		Model Specifications[1]	
Amino Acids	% DM	% of CP	% DM	% of CP
Arginine	3.7	4.0	3.6	3.9
Histidine	5.2	5.7	5.5	6.0
Isoleucine	1.0	1.0	0.8	0.9
Leucine	11.6	12.6	11.9	12.9
Lysine	7.6	8.2	7.8	8.4
Methionine	4.9	5.3	5.1	5.5
Phenylalanine	6.2	6.7	6.3	6.9
Threonine	3.7	4.0	3.8	4.1
Tryptophan	1.1	1.2	1.1	1.2
Valine	7.6	8.2	7.7	8.3
EAA	52.7	57.0	53.4	57.9

[1]When a feed component of a dairy ration consists of a blend of feed ingredients differing in rumen undegradable protein and/or post-ruminal protein digestibility, the amino acids of the resulting mixture differ in their ruminal degradability and post ruminal digestibility. Most ration formulation software allow only a single, common set of parameters to characterize ruminal degradability and post ruminal digestibility of all essential amino acids; one cannot enter parameters specific to each amino acid. Therefore, entering the amino acid profile of the whole protein of a feed mixture results in erroneous values of its metabolizable amino acid content. To circumvent this problem, users should use the 'model specifications' amino acid values in software such as CNCPS/NASEM so that the correct supply of each metabolizable amino acid is calculated correctly.

Science based. Research driven.®