



FORAGE LABORATORY

730 Warren Road, Ithaca, NY 14850
Ph: 800.496.3344 Fax: 607.257.1350
<http://www.dairyone.com>

DATE SAMPLED	LAB RECEIVED	DATE PRINTED	LAB USE
	04/02/18	04/03/18	.980
ADDITIONAL DESCRIPTIONS			

KIND DESCRIPTION	CODE	LAB SAMPLE
MINERAL MIX, DRY	459	24664750
DESCRIPTION 1 RAGLAND GOAT BUILDER ZINITO <i>Zimpro</i>		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	2.0	
% Dry Matter	98.0	
% Calcium	15.75	16.07
% Phosphorus	7.99	8.15
% Magnesium	1.38	1.41
% Potassium	1.34	1.37
% Sodium	5.389	5.502
PPM Iron	10,100	10,300
PPM Zinc	11,400	11,700
PPM Copper	1,560	1,590
PPM Manganese	10,100	10,400
PPM Molybdenum	< 0.1	< 0.1
PPM Cobalt	199.83	204.00
% Sulfur	1.61	1.65
% Chloride Ion	10.82	11.05
DCAD, mEq/100g		-140

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DATE SAMPLED	LAB RECEIVED	DATE PRINTED	LAB USE
	03/19/18	03/20/18	.976
ADDITIONAL DESCRIPTIONS			
GOAT CONCEPT AID			

KIND DESCRIPTION	CODE	LAB SAMPLE
MINERAL MIX, DRY	459	24636920
DESCRIPTION 1		
GOAT CONCEPT AID		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	2.4	
% Dry Matter	97.6	
% Calcium	12.70	13.01
% Phosphorus	7.00	7.17
% Magnesium	1.58	1.61
% Potassium	2.15	2.20
% Sodium	5.762	5.903
PPM Iron	4,430	4,540
PPM Zinc	2,810	2,880
PPM Copper	1,370	1,400
PPM Manganese	1,860	1,900
PPM Molybdenum	11.6	11.9
PPM Cobalt	15.51	15.89
% Sulfur	.96	.99
% Chloride Ion	10.11	10.36
DCAD, mEq/100g		-41

Zn: Cu ~ 2:1

FORAGE TESTING LABORATORY
 DAIRY ONE, INC.
 730 WARREN ROAD
 ITHACA, NEW YORK 14850
 607-257-1272 (fax 607-257-1350)

MFA

Sample Description	Farm Code	Sample
MINERAL MIX, Dry	459	24753990
GOAT SHIELD		

Sampled	Recvd	Printed	ST	CO
	05/16/18	05/21/18		

Analysis Results

Components	As Fed	DM
GOAT SHIELD		
% Moisture	1.8	
% Dry Matter	98.2	
% Calcium	11.21	11.42
% Phosphorus	7.03	7.16
% Magnesium	1.83	1.86
% Potassium	1.04	1.06
% Sodium	10.236	10.424
PPM Iron	3,080	3,140
PPM Zinc	5,900	6,010
PPM Copper	765	779
PPM Manganese	4,040	4,120
PPM Molybdenum	3.1	3.1
PPM Cobalt	97.09	98.86
% Sulfur	.40	.41
% Chloride Ion	16.15	16.45
DCAD, mEq/100g		-9

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DATE SAMPLED	LAB RECEIVED	DATE PRINTED	LAB USE
	04/02/18	04/03/18	.989
ADDITIONAL DESCRIPTIONS			
DURAFERM SHEEP CONCEPT AID			

KIND DESCRIPTION	CODE	LAB SAMPLE
MINERAL MIX, DRY	459	24664760
DESCRIPTION 1		
DURAFERM SHEEP CONCEPT AID		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	1.1	
% Dry Matter	98.9	
% Calcium	17.69	17.90
% Phosphorus	5.15	5.21
% Magnesium	3.87	3.92
% Potassium	2.11	2.13
% Sodium	5.426	5.488
PPM Iron	3,360	3,400
PPM Zinc	2,750	2,780
PPM Copper	53	54
PPM Manganese	3,010	3,050
PPM Molybdenum	55.9	56.6
PPM Cobalt	15.97	16.15
% Sulfur	.95	.96
% Chloride Ion	10.72	10.84
DCAD, mEq/100g		-72

• Stockade lamb make
 labeled @ 8,700 ppm Zn } 0.3-0.5oz/day
 • Stockade Meat Make
 labeled @ 12,000 ppm Zn }
 • Rayland grow builder
 labeled @ 13,500 ppm Zn - 0.7oz/day

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|Sample Description |Farm|Code| Sample |
|MINERAL MIX, Dry  |   |459 |24754000|
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|LAMB MAKER
  
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|Sampled | Recvd |Printed |ST|CO|
|   |05/16/18|05/21/18|  |  |
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|Analysis Results
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|Components | As Fed | DM |
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| % Moisture | 1.7 | |
| % Dry Matter | 98.4 | |
| % Calcium | 16.67 | 16.95 |
| % Phosphorus | 6.61 | 6.72 |
| % Magnesium | 2.04 | 2.08 |
| % Potassium | .38 | .39 |
| % Sodium | 5.295 | 5.383 |
| PPM Iron | 11,500 | 11,700 |
| PPM Zinc | 7,040 | 7,160 |
| PPM Copper | 57 | 58 |
| PPM Manganese | 5,310 | 5,400 |
| PPM Molybdenum | 26.8 | 27.2 |
| PPM Cobalt | 102.34 | 104.05 |
| % Sulfur | 1.21 | 1.23 |
| % Chloride Ion | 8.13 | 8.27 |
| DCAD, mEq/100g | | -66 |
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	03/19/18	03/21/18	.873
ADDITIONAL DESCRIPTIONS			
THORVIN KELP			

	FC 2001	
	Mcal/Lb	Mcal/Kg
DE, 1X	1.40	3.09
ME, 1X	1.22	2.68
NEL, 3X	0.71	1.56
NEM, 3X	0.74	1.64
NEG, 3X	0.47	1.03
TDN1X, %	72	

KIND DESCRIPTION	CODE	LAB SAMPLE
MISC., DRY	660	24636960
DESCRIPTION 1		
THORVIN KELP		
ANALYSIS RESULTS		
COMPONENTS	AS SAMPLED BASIS	DRY MATTER BASIS
% Moisture	12.7	
% Dry Matter	87.3	
% Crude Protein	5.6	6.4
% Adjusted Crude Protein	5.6	6.4
Soluble Protein % CP		39
% ADF	20.6	23.6
% aNDF	46.5	53.3
% TDN	61	70
NEL, Mcal/Lb	.65	.75
NEM, Mcal/Lb	.63	.73
NEG, Mcal/Lb	.39	.45
% Calcium	1.21	1.39
% Phosphorus	.15	.17
% Magnesium	.68	.78
% Potassium	2.10	2.41
% Sodium	2.894	3.317
PPM Iron	84	96
PPM Zinc	6	7
PPM Copper	2	3
PPM Manganese	11	13
PPM Molybdenum	1.2	1.3
% Sulfur	2.50	2.86

*high sulfur & molybdenum
low copper*

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