

3/1/2021

Ration Prepared by:

**Bill Keough**

**(920) 596-1931**

**Fax (920)596-3399**

email bksheep@wolfnet.net

www.bksheep.com

# Bear Lake Enterprises, Inc.

E5656 N. Water Dr., Manawa, WI 54949

## "bk" Sheep Nutrition Service

**PRODUCER:** Demo

**SHEEP CLASS:** 1ST 6-8wks Lactation w/twins-EWES

Body Weight: 154 lbs

Number of Sheep: 20

Rations based on feed forage analyses and/or the use of average values.

These meet or exceed National Research Council requirements.

Animal performances are not guaranteed, as methods of feeding, changes in forages, environment, and management will affect performance.

Farm Ingredients:	lbs fed per hd/day
Grass Pasture 16% prot est	
Alfalfa Grass Hay 17% est	<b>6.35</b>
Shell Corn	<b>1.00</b>
SoyPlus	
Soybean 47%	
Open	
Sheep Mineral	.62 oz
<b>TOTAL AS-FED</b>	<b>7.39</b>
Total Dry Matter	6.20
Req. DMI	6.20

On Farm mineral mix	
"bk" Sheep Base 25	2.0 lbs
Dical 18.5%	2.6 lbs
Calcium Carb	
W. Salt	5.4 lbs
Live Yeast	
ZinPro 40	
Vit E 20000	
Bovatec 91gm/lb	
<b>TOTAL</b>	<b>10.0 lbs</b>

Grain mix batch		225 lbs lbs/batch
8.7% protein	lbs/hd	
Shell Corn	1.00	217
SoyPlus		
Soybean 47%		
Open		
Sheep Mineral	0.039	8.4
<b>Totals</b>	<b>1.04 lbs</b>	<b>225</b>

**Mineral Consumption Information**  
**Batch Size 10 lbs**  
 Daily usage **0.77 lbs**  
 Batch will last **13 days**  
**Weekly consumption is 5.4 lbs/wk** for 20 Hd  
 Cost/hd/day \$0.0302

**Please let me know how the mineral consumption balanced for compares to what the sheep are actually eating.**

Notes:

It is recommended to test forages for molybdenum to obtain an accurate cu:mo ratio.

### Ration Analysis min. requirements

PROT %	14.94	14.8%
UIP PROT %	34.36	
TDN %	64.86	64.5%
FAT %	2.83	
ADF %	30.26	
NDF %	45.01	
NFC %	28.74	
Ca %	0.75	
Phos %	0.302	
Mg %	0.23	
K %	1.80	
S %	0.22	
Na %	0.16	
Cl %	0.34	
FE ppm	138.69	
Cu ppm	11.21	
Mn ppm	139.63	
Zn ppm	82.81	
Co ppm	0.26	
I ppm	0.98	
Selenium ppm	0.300	
VIT A units	9148	7000 units
VIT D units	3049	NRC Req.
VIT E units	61	42 units
Bovatec mg/hd		1 mg/2.2 #bw
Cu:Mo ratio:	4.9 to 1	desired range is 4-10:1
Thiamin mg/hd		

### Mineral Consumption rates for various numbers

Number of Head	Lbs per day	Lbs per week
15	0.6	4
16	0.6	4.3
17	0.7	4.6
18	0.7	4.9
19	0.7	5.1
20	0.8	5.4
21	0.8	5.7
22	0.9	6.0
23	0.9	6.2
24	0.9	6.5
25	1.0	6.8
26	1.0	7.0
27	1.0	7.3
28	1.1	7.6