

# Bear Lake Enterprises, Inc.

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Ration Prepared by:  
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## "bk" Sheep Ration Balancing

**PRODUCER:** Demo - ALL RATIONS ARE SPECIFIC TO EACH CUSTOMER

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

Body Weight: 110 lbs

Number of Sheep: 50

| <u>Farm Ingredients:</u> | lbs fed |
|--------------------------|---------|
| Grass Pasture 16% prot   | 21.00   |
| Grass Hay                |         |
| Corn Silage              |         |
| SoyPlus                  |         |
| Shell Corn               | 1.50    |
| Soybean 48%              | 0.15    |
| Oats                     |         |
| Sheep Mineral            | .80 oz  |
| <b>TOTAL AS-FED</b>      | 22.70   |
| Total Dry Matter         | 6.75    |
| Req. DMI                 | 5.30    |

| <u>On Farm mineral mix</u> |              | <u>Important mineral consumption information</u> |
|----------------------------|--------------|--|
| Sheep Base                 | 8.5          |  |
| Dical 18.5%                | 15.4         |  |
| CALCIUM                    |              |  |
| W. Salt                    | 26.2         |  |
| Live Yeast                 |              |  |
| ZinPro 40                  |              |  |
| Vit E 20000                |              |  |
| Bovetec 68gm/lb            |              |  |
| <b>TOTAL</b>               | <b>50.00</b> |  |

Daily usage **2.49 lbs**  
 Batch Size 50 lbs  
 Batch will last **20 days**  
 Cost/hd/day \$0.0205  
 Approx. cost per 50lbs \$20.67  
**Weekly consumption is 17.4 lbs/wk for 50 Hd**

| <u>Grain mix batch</u> 1000 lbs |                 |             |
|---------------------------------|-----------------|-------------|
| 12.1% protein                   | lbs/hd          | bs/batch    |
| SoyPlus                         |                 |             |
| Shell Corn                      | 1.50            | 883         |
| Soybean 48%                     | 0.15            | 88          |
| Oats                            |                 |             |
| Sheep Mineral                   | 0.050           | 29          |
| <b>Totals</b>                   | <b>1.70 lbs</b> | <b>1000</b> |

| <u>Ration Analysis</u> |                    | min. requirements | Cu:Mo ratio: 6.5 to 1   |
|------------------------|--------------------|-------------------|-------------------------|
| PROT % 15.46%          | 16.2%              |                   | desired range is 4-10:1 |
| UIP PROT % 33.73       |                    |                   | Cu ppm 9.56             |
| TDN % 67.7%            | 64.2%              |                   |                         |
| FAT % 2.89%            |                    | VIT A units 9979  | 5000 units              |
| ADF % 25.69%           |                    | VIT D units 3326  | NRC Req.                |
| NDF % 37.44%           |                    | VIT E units 67    | 36 units                |
| NFC % 36.05%           |                    | Bovetec mg/day    | mg/2.2 #bw              |
| Ca % 0.87%             | S % 0.220%         | Zn ppm 77.02      |                         |
| Phos % 0.320%          | Na % 0.180%        | Mn ppm 55.06      |                         |
| Mg % 0.245%            | Cl % 0.36%         | I ppm 0.99        |                         |
| K % 2.094%             | Selenium ppm 0.300 | Co ppm 0.27       |                         |

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

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 also affect performance.