

Following are example rations utilizing pea, chickpea or lentil hay as the main feed ingredient.

**1,200 lb. Cow Mid-Pregnancy – Early Winter Conditions**

- no wind, -10° C
- six months pregnant
- to start calving March 15
- expected calf birth weight 80 lbs.

All amounts are per cow per day on an “as fed” basis

**Rations**

<b>Feedstuff</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
Pea or Lentil Hay	20 lb.	8 lb.	8 lb.	8 lb.	15 lb.	20 lb.	30 lb.
Cereal Straw	9 lb.	15 lb.	15 lb.	15 lb.	14 lb.	10 lb.	
Oats or Barley Grain		4 lb.					
Pelleted Grain Screenings (not fortified with vitamins or minerals, Crude Protein 11% to 12%)			4.5 lb.				
Pelleted Grain Screenings (fortified with vitamins and minerals, Crude Protein 14% to 15%)				4.5 lb.			
32% Protein Supplement							
Canola Pellets or Canola Meal							
Suncure Alfalfa Pellets or Cubes							
18:18 Mineral (1:1)	1.0 oz.						
Limestone							
Salt (Trace Mineralized)	1.0 oz.						
Vitamin A-D-E *	0.13 oz.	0.13 oz.	0.13 oz.		0.13 oz.	0.13 oz.	0.13 oz.
Dry Matter Intake	25.3 lb.	24 lb.	24.4 lb.	24.3 lb.	25.5 lb.	26.2 lb.	25.8 lb.
Average Daily Gain	0.3 lb.	0.1 lb.	0.1 lb.	0.1 lb.	0.1 lb.	0.3 lb.	0.7 lb.

\* The vitamin A-D-E pre-mix used in these rations contains 10,000,000 IU's of vitamin A per Kg.

- Salt can be fed “free-choice”. Consumption should average about one to 1.5 oz. per head per day.
- If feeding more than eight or nine lb. of total concentrate per cow per day, it is advisable to divide the concentrate and feed equal portions twice per day.
- The minimum amount of mineral recommended is one oz. per head per day unless adequate mineral is being supplied either in fortified pellets or fortified protein supplements.

Following are example rations utilizing pea, chickpea or lentil hay as the main feed ingredient.

1,200 lb. Cow                      Late Pregnancy – Winter Conditions

- no wind, -20° C
- eight months pregnant
- to start calving March 15
- expected calf birth weight 80 lbs.

All amounts are per cow per day on an “as fed” basis

**Rations**

Feedstuff	1	2	3	4	5	6	7
Pea or Lentil Hay	22 lb.	12 lb.	14 lb.	14 lb.	28 lb.	17 lb.	34 lb.
Cereal Straw	11 lb.	16 lb.	13 lb.	13 lb.	5 lb.	10 lb.	
Oats or Barley Grain		4 lb.				6 lb.	
Pelleted Grain Screenings (not fortified with vitamins or minerals, Crude Protein 11% to 12%)			5 lb.				
Pelleted Grain Screenings (fortified with vitamins and minerals, Crude Protein 14% to 15%)				5 lb.			
32% Protein Supplement							
Canola Pellets or Canola Meal							
Suncure Alfalfa Pellets or Cubes							
18:18 Mineral (1:1)	1.2 oz.	1.2 oz.	1.2 oz.	1.0 oz.	1.2 oz.	1.2 oz.	1.2 oz.
Limestone							
Salt (Trace Mineralized)	1.2 oz.	1.2 oz.	1.2 oz.	1.0 oz.	1.2 oz.	1.2 oz.	1.2 oz.
Vitamin A-D-E *	0.15 oz.	0.15 oz.	0.15 oz.	0.10 oz.	0.15 oz.	0.15 oz.	0.15 oz.
Dry Matter Intake	28.8 lb.	28.2 lb.	28.2 lb.	28.1 lb.	28.6 lb.	29 lb.	29.3 lb.
Average Daily Gain	0.1 lb.	0 lb.	0.1 lb.	0.1 lb.	0.3 lb.	0.5 lb.	0.6 lb.

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Following are example rations utilizing pea, chickpea or lentil hay as the main feed ingredient.

**1,200 lb. Cow            Lactating – Early Spring Conditions**

- no wind, -5° C
- first month of lactation
- fourth month of lactation
- calf birth weight 80 lbs.

All amounts are per cow per day on an “as fed” basis

**Rations**

<b>Feedstuff</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
Pea or Lentil Hay	27 lb.	24 lb.	14 lb.	24 lb.	14 lb.	14 lb.	24 lb.
Cereal Straw		3 lb.	8 lb.		5 lb.	5 lb.	
Oats or Barley Grain	7 lb.	7 lb.	12 lb.				
Pelleted Grain Screenings (not fortified with vitamins or minerals, Crude Protein 11% to 12%)				10 lb.	14 lb.		
Pelleted Grain Screenings (fortified with vitamins and minerals, Crude Protein 14% to 15%)						14 lb.	10 lb.
32% Protein Supplement							
Canola Pellets or Canola Meal							
Suncure Alfalfa Pellets or Cubes							
18:18 Mineral (1:1)	1.5 oz.	1.0 oz.	1.0 oz.				
Limestone					1.0 oz.		
Salt (Trace Mineralized)	1.3 oz.	1.0 oz.	1.0 oz.				
Vitamin A-D-E *	0.25 oz.						
Dry Matter Intake	29.5 lb.	29.6 lb.	30 lb.	29.7 lb.	29.3 lb.	29.2 lb.	29.6 lb.
Average Daily Gain	0.1 lb.	0 lb.	0.1 lb.	0.1 lb.	0 lb.	0 lb.	0.1 lb.

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Following are example rations utilizing pea, chickpea or lentil hay as the main feed ingredient.

**1,400 lb. Cow Mid-Pregnancy – Early Winter Conditions**

- no wind, -10° C
- six months pregnant
- to start calving March 15
- expected calf birth weight 95 lbs.

All amounts are per cow per day on an “as fed” basis

**Rations**

Feedstuff	1	2	3	4	5	6	7
Pea or Lentil Hay	20 lb.	14 lb.	14 lb.	14 lb.	29 lb.	26 lb.	34 lb.
Cereal Straw	13 lb.	16 lb.	16 lb.	16 lb.	5 lb.	5 lb.	
Oats or Barley Grain		3 lb.				3 lb.	
Pelleted Grain Screenings (not fortified with vitamins or minerals, Crude Protein 11% to 12%)			3 lb.				
Pelleted Grain Screenings (fortified with vitamins and minerals, Crude Protein 14% to 15%)				3 lb.			
32% Protein Supplement							
Canola Pellets or Canola Meal							
Suncure Alfalfa Pellets or Cubes							
18:18 Mineral (1:1)	1.2 oz.	1.2 oz.	1.2 oz.	1.0 oz.	1.2 oz.	1.2 oz.	1.2 oz.
Limestone							
Salt (Trace Mineralized)	1.2 oz.	1.2 oz.	1.2 oz.	1.0 oz.	1.2 oz.	1.2 oz.	1.2 oz.
Vitamin A-D-E *	0.15 oz.	0.15 oz.	0.15 oz.	0.10 oz.	0.15 oz.	0.15 oz.	0.15 oz.
Dry Matter Intake	28.9 lb.	29.1 lb.	29.1 lb.	29 lb.	29.4 lb.	29.5 lb.	29.3 lb.
Average Daily Gain	0.2 lb.	0.3 lb.	0.3 lb.	0.3 lb.	0.6 lb.	0.9 lb.	0.8 lb.

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- expected calf birth weight 95 lbs

All amounts are per cow per day on an “as fed” basis

Rations

Feedstuff	1	2	3	4	5	6	7
Pea or Lentil Hay	26 lb.	17 lb.	17 lb.	17 lb.	32 lb.	28 lb.	38 lb.
Cereal Straw	11 lb.	16 lb.	16 lb.	16 lb.	5 lb.	5 lb.	
Oats or Barley Grain		4 lb.				4 lb.	
Pelleted Grain Screenings (not fortified with vitamins or minerals, Crude Protein 11% to 12%)			4 lb.				
Pelleted Grain Screenings (fortified with vitamins and minerals, Crude Protein 14% to 15%)				4 lb.			
32% Protein Supplement							
Canola Pellets or Canola Meal							
Suncure Alfalfa Pellets or Cubes							
18:18 Mineral (1:1)	1.5 oz.	1.5 oz.	1.5 oz.	1.0 oz.	1.5 oz.	1.5 oz.	1.5 oz.
Limestone							
Salt (Trace Mineralized)	1.4 oz.	1.4 oz.	1.4 oz.	1.0 oz.	1.4 oz.	1.4 oz.	1.4 oz.
Vitamin A-D-E *	0.20 oz.	0.20 oz.	0.20 oz.	0.05 oz.	0.20 oz.	0.20 oz.	0.20 oz.
Dry Matter Intake	32.2 lb.	32.5 lb.	32.6 lb.	32.5 lb.	32.1 lb.	32.2 lb.	32.7 lb.
Average Daily Gain	0.1 lb.	0.2 lb.	0.1 lb.	0.1 lb.	0.3 lb.	0.6 lb.	0.6 lb.

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Pea or Lentil Hay	32 lb.	28 lb.	16 lb.	30 lb.	19 lb.	19 lb.	30 lb.
Cereal Straw		3 lb.	8 lb.		5 lb.	5 lb.	
Oats or Barley Grain	7 lb.	7 lb.	14 lb.				
Pelleted Grain Screenings (not fortified with vitamins or minerals, Crude Protein 11% to 12%)				8 lb.	14 lb.		
Pelleted Grain Screenings (fortified with vitamins and minerals, Crude Protein 14% to 15%)						14 lb.	8 lb.
32% Protein Supplement							
Canola Pellets or Canola Meal							
Suncure Alfalfa Pellets or Cubes							
18:18 Mineral (1:1)	2.0 oz.	1.0 oz.	1.0 oz.				
Limestone							
Salt (Trace Mineralized)	1.6 oz.	1.0 oz.	1.2 oz.				
Vitamin A-D-E *	0.30 oz.						
Dry Matter Intake	33.8 lb.	33.1 lb.	33.6 lb.	33.1 lb.	33.6 lb.	33.5 lb.	33.1 lb.
Average Daily Gain	0.1 lb.	0 lb.	0.2 lb.	0 lb.	0.0 lb.	0.1 lb.	0 lb.

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