

Following are example rations utilizing alfalfa grass 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

Feedstuff	1	2	3	4	5	6	7
Alfalfa Grass Hay	12 lb.	9 lb.	10 lb.	15 lb.	25 lb.	20 lb.	31 lb.
Cereal Straw	17 lb.	17 lb.	15 lb.	15 lb.	5 lb.	10 lb.	
Oats or Barley Grain		3 lb.					
Pelleted Grain Screenings (not fortified with vitamins or minerals, Crude Protein 11% to 12%)							
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)	1.0 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	25.8 lb.	25.8 lb.	26.6 lb.	26.6 lb.	26.4 lb.	26.5 lb.	27.2 lb.
Average Daily Gain	0.1 lb.	0.3 lb.	0.5 lb.	0.3 lb.	0.8 lb.	0.6 lb.	1.2 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 alfalfa grass 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
- 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
Alfalfa Grass Hay	15 lb.	15 lb.	15 lb.	15 lb.	29 lb.	23 lb.	34 lb.
Cereal Straw	17 lb.	14 lb.	14 lb.	14 lb.	5 lb.	10 lb.	
Oats or Barley Grain		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%)				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.		0.15 oz.	0.15 oz.	0.15 oz.
Dry Matter Intake	28.4 lb.	28.4 lb.	28.4 lb.	30.1 lb.	29.9 lb.	29.1 lb.	29.8 lb.
Average Daily Gain	0 lb.	0.2 lb.	0.2 lb.	0.5 lb.	0.7 lb.	0.4 lb.	1.0 lb.

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- 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 alfalfa grass hay as the main feed ingredient.

1,200 lb. Cow Lactating – Early Spring Conditions

- no wind, -5° C
- first month of lactation
- fourth lactation
- 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
Alfalfa Grass Hay	31 lb.	23 lb.	12 lb.	25 lb.	27 lb.	20 lb.	34 lb.
Cereal Straw		5 lb.	10 lb.	4 lb.		5 lb.	
Oats or Barley Grain	3 lb.	6 lb.	12 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%)					8 lb.	9 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.	1.5 oz.	1.0 oz.	1.0 oz.	1.5 oz.
Limestone							
Salt (Trace Mineralized)	1.3 oz.	1.3 oz.	1.3 oz.	1.3 oz.	1.2 oz.	1.2 oz.	1.3 oz.
Vitamin A-D-E *	0.25 oz.	0.25 oz.	0.25 oz.	0.25 oz.			0.25 oz.
Dry Matter Intake	29.9 lb.	30.1 lb.	30.3 lb.	30.1 lb.	30.8 lb.	30.1 lb.	29.9 lb.
Average Daily Gain	0.2 lb.	0.1 lb.	0.2 lb.	0 lb.	0.5 lb.	0.1 lb.	0 lb.

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Following are example rations utilizing alfalfa grass 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
Alfalfa Grass Hay	14 lb.	10 lb.	12 lb.	16 lb.	29 lb.	23 lb.	35 lb.
Cereal Straw	19 lb.	19 lb.	15 lb.	16 lb.	5 lb.	10 lb.	
Oats or Barley Grain		4 lb.					
Pelleted Grain Screenings (not fortified with vitamins or minerals, Crude Protein 11% to 12%)							
Pelleted Grain Screenings (fortified with vitamins and minerals, Crude Protein 14% to 15%)			6 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.	1.0 oz.	1.2 oz.	1.2 oz.	1.2 oz.	1.2 oz.
Limestone							
Salt (Trace Mineralized)	1.2 oz.	1.2 oz.	1.0 oz.	1.2 oz.	1.2 oz.	1.2 oz.	1.2 oz.
Vitamin A-D-E *	0.15 oz.	0.15 oz.		0.15 oz.	0.15 oz.	0.15 oz.	0.15 oz.
Dry Matter Intake	29.3 lb.	29.4 lb.	29.3 lb.	28.4 lb.	29.9 lb.	29.1 lb.	30.7 lb.
Average Daily Gain	0.2 lb.	0.4 lb.	0.6 lb.	0.2 lb.	1.0 lb.	0.6 lb.	1.4 lb.

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1,400 lb. Cow Late-Pregnancy – Winter Conditions

- no wind, -20° C
- eight 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
Alfalfa Grass Hay	17 lb.	13 lb.	13 lb.	12 lb.	33 lb.	26 lb.	38 lb.
Cereal Straw	19 lb.	19 lb.	19 lb.	17 lb.	5 lb.	10 lb.	
Oats or Barley Grain		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%)				7 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.		0.20 oz.	0.20 oz.	0.20 oz.
Dry Matter Intake	31.9 lb.	32 lb.	32 lb.	32 lb.	33.4 lb.	32.6 lb.	33.3 lb.
Average Daily Gain	0 lb.	0.1 lb.	0 lb.	0.2 lb.	0.8 lb.	0.4 lb.	1.0 lb.

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Rations

Feedstuff	1	2	3	4	5	6	7
Alfalfa Grass Hay	34 lb.	27 lb.	18 lb.	33 lb.	30 lb.	24 lb.	38 lb.
Cereal Straw		5 lb.	10 lb.			5 lb.	
Oats or Barley Grain	4 lb.	6 lb.	10 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%)					9 lb.	9 lb.	
32% Protein Supplement							
Canola Pellets or Canola Meal							
Suncure Alfalfa Pellets or Cubes							
18:18 Mineral (1:1)	2.0 oz.	2.0 oz.	2.0 oz.	2.0 oz.	1.0 oz.	1.0 oz.	2.0 oz.
Limestone							
Salt (Trace Mineralized)	1.6 oz.	1.6 oz.	1.6 oz.	1.6 oz.	1.3 oz.	1.3 oz.	1.6 oz.
Vitamin A-D-E *	0.30 oz.	0.30 oz.	0.30 oz.	0.30 oz.			0.30 oz.
Dry Matter Intake	33.5 lb.	33.6 lb.	33.8 lb.	33.5 lb.	34.3 lb.	33.6 lb.	33.4 lb.
Average Daily Gain	0.2 lb.	0.1 lb.	0 lb.	0.2 lb.	0.5 lb.	0.1 lb.	0 lb.

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