ProForm Calf Feeding Program

Maximizing feed intake is very important to the overall performance, health and profitability of a 4-H beef project. Below is a table of ProForm® feeds with an estimated grain intake. Please see the example on the other side to calculate forage and dry matter intakes.

Starter Phase

Calf Weight (lbs)	Product	Grain Intake	
		Rate/Day	% of Body Weight
500	**ProForm 13% Beef Starter** #810251 (Plain) #810261 (Plus Monensin Sodium - 52.8 mg/kg)	5 lbs	1.0%
600		6 lbs	1.0%
700		10.5 lbs	1.5%

Grower Phase

Calf Weight (lbs)	Product	Grain Intake	
		Rate/Day	% of Body Weight
800	**ProForm 11% Beef Grower/Finisher** #826451 (Plain) #826471 (Plus Monensin Sodium - 36 mg/kg)	14 lbs	1.75%
900		18 lbs	2.0%
1,000		22 lbs	2.2%

Finishing Phase

Calf Weight (lbs)	Product	Grain Intake	
		Rate/Day	% of Body Weight
1,100	**ProForm 11% Beef Grower/Finisher** #826451 (Plain) #826471 (Plus Monensin Sodium - 36 mg/kg)	23.1 lbs	2.1%
1,200		24 lbs	2.0%
1,300		24.7 lbs	1.9%

Feeding Tips

- 4-H calves should be fed 2 times/day at consistent times, usually in the morning and at night
- When it's time to increase feeding rates, do so in small increments over 3 - 6 days
- When transitioning from Starter to Grower/Finisher rations, adjust feed in increments of 2 -3 lbs/day across 3 - 6 days (Example: Day 1 - Feed 10.5 lbs Starter, 3.5 lbs Grower/Finisher and Day 6 - feed 14 lbs Grower/Finisher)
- Good quality forage is necessary for a balanced ration
- Provide access to freshwater and loose salt
- Refer to the product tags, 4-H manuals and your feed rep for any questions or inquiries

Know what is in your feed

The following ingredients are included in every bag of ProForm Calf Feeds:

13% Beef Starter
Barley
Beet Pulp
Corn
Millrun
Oats

11% Beef Grower/ Finisher
Barley
Beat Pulp
Corn
Millrun

Note on Monensin Sodium

These medicated beef feeds have monensin sodium in them for the prevention of coccidiosis, a disease in cattle that causes bloody feces. Monensin is also fed to finishing cattle for improved feed efficiency, and bloat control.

Do not allow dogs, horses, other equine or guinea fowl access to formulations containing monensin sodium. Ingestion of monensin by these species can be fatal.

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Steps to Calculate your Calf's Feed Intake

Example Calculations

Calf Body Weight = 600 lbs
Suggested Grain Intake = 1.0 % of Body Weight
Suggested Total Dry Matter Intake (DMI) = 2.5 % of Body Weight

Step 1: Calculating Dry Matter Intake (DMI)

Dry Matter Intake = Calf Body Weight (lbs) x 2.5 % of Body Weight
= 600 lbs x 0.025 = 15 lbs Dry Matter Intake

Step 2: Calculating Grain Intake

Type of Grain: Hi-Pro Feeds Calf Ration (normal grain = 88-90% dry matter)
Actual Grain Intake = Calf Body Weight (lbs) x 1.0 % of Body Weight
= 600 lbs x 0.01 = 6.0 lbs Grain Intake

Grain DMI = Grain Intake (lbs) x Grain Dry Matter
= 6.0 lbs x 0.90 = 5.4 lbs Grain DMI

Step 3: Calculating Forage Intake

Type of Forage Fed: Barley silage (average = 30-40% dry matter)
Hay (average = 88-90% dry matter)
Forage Dry Matter Intake = Total DMI (lbs) – Grain DMI (lbs)
= 15.0 lbs – 5.4 lbs = 9.6 lbs

Actual Forage Intake = Forage DMI (lbs) ÷ Forage Dry Matter
= 9.6 lbs ÷ 0.40 = 24.0 lbs

Step 4: Calculating Total Feed Intake

Total Feed Intake = Actual Grain Intake (lbs) + Actual Forage Intake (lbs)
= 6.0 lbs + 24.0 lbs = 30.0 lbs

Your Calculations

Step 1: Calculating Dry Matter Intake (DMI)

Dry Matter Intake = _____ (Calf Weight) lbs x 2.5% = _____ (DMI) lbs

Step 2: Calculating Grain Intake

Type of Grain: Hi-Pro Feeds Calf Ration

Actual Grain Intake = _____ (Calf Weight) lbs x 1.0 % = _____ (Grain Intake) lbs

Grain DMI = _____ (Grain Intake) lbs x 90% = _____ (Grain DMI) lbs

Step 3: Calculating Forage Intake

Type of Forage Fed: Barley Silage

Forage Dry Matter Intake = _____ (DMI) lbs – _____ (Grain DMI) lbs = _____ (Forage DMI) lbs

Actual Forage Intake = _____ (Forage DMI) lbs ÷ 4.0% = _____ (Actual Forage Intake) lbs

Step 4: Calculating Total Feed Intake

Total Feed Intake = _____ (Grain Intake) lbs + _____ (Actual Forage Intake) lbs = _____ (Total Feed Intake) lbs

HI-Pro ProForm® beef feeds are available at your local Hi-Pro Feeds dealer.

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