

Why the Tend-R-Leen program works



Feed required for one steer gaining from 600 to 1,000 pounds for one day is shown below. The average weight maintained is 800 pounds.

Feed	Maintenance	For Each 1 lb. Gain
Hay	11.8 lbs.	11.8 lbs.
Corn Silage	27.0 lbs.	26.5 lbs.
Grass Silage	32.0 lbs.	36.0 lbs.
Corn	6.8 lbs.	4.9 lbs.
Barley	7.7 lbs.	5.0 lbs.
Oats	8.1 lbs.	8.1 lbs.

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Effect of intake on ADG and feed/gain



Amount Consumed	Average Daily Gain	Feed per Pound Gain
6.8 lbs.	0	--
11.7 lbs.	1 lb.	11.7 lbs.
16.6 lbs.	2 lbs.	8.30 lbs.
21.5 lbs.	3 lbs.	7.16 lbs.
26.4 lbs.	4 lbs.	6.60 lbs.



Energy comparison of various feedstuffs (DM basis Mcal/cwt)



Feedstuff	NEM	% of corn	NEG	% of corn	NEL	% of corn
Whole corn	96	100%	64	100%	90	100%
Barley	92	96%	61	95%	87	97%
Oats	81	84%	52	81%	78	87%
Corn silage (well eared)	75	78%	47	73%	74	82%
Alf haylage (mid bloom)	55	57%	21	33%	55	61%
Timothy hay (early bloom)	59	61%	28	44%	59	65%



Expected performance of Holstein steers at various weights, Minnesota.



				Tend-R-Leen Projection		
Weight, lb	ADG, lb	ADFI, lb	Feed/gain	ADG, lb	ADFI, lb	Feed/Gain
4 to 500	3.16	14.2	4.48	3.23	13.09	4.06
5 to 600	3.14	15.1	4.82	3.57	15.24	4.27
6 to 700	3.08	16.5	5.37	3.70	16.70	4.53
7 to 800	2.99	18.4	6.14	3.57	17.26	4.97
8 to 900	2.87	20.5	7.13	3.45	18.48	5.36
9 to 1000	2.72	22.6	8.32	3.33	19.46	5.84
10 to 1100	2.53	24.6	9.73	3.03	20.20	6.70
11 to 1200	2.31	26.2	11.36	2.56	20.36	7.94
4 to 1200	2.85	19.7	7.17	3.3	17.6	5.5

