

LIMIT-FEEDING COWS ON A CORN-BASED DIET

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1. Feed 4 lbs first cutting hay, supplement and 12 lbs whole shelled corn (per cow basis). The protein and mineral supplement should be similar to that used for feedlot cattle fed a high-grain diet. An example is given below.
2. Feed corn whole. Ohio State research shows that whole corn works better than ground corn when daily hay intake is limited to less than five pounds.
3. Adjust corn intake to achieve desired weight and/or body condition score.
4. When starting the program, take 3-4 days adjusting up the corn and decreasing hay to the 4 lb level. Make sure bunk space is adequate so all cows get their share and that cows are in a securely fenced area.
5. Example supplement (feed at 2 lb/cow/day):

	%
Ground corn	32.1
Soybean meal	45.6
Urea	4.1
Limestone	7.8
Dicalcium phosphate	4.3
Trace mineral salt	3.2
Dyna K	2.3
Selenium premix (200 ppm)	.4
Vitamin premix ^a	.2
Rumensin 80 ^b	.12
^a Vitamin A, 15,000 IU/gram; Vitamin D, 1,500 IU/gram. ^b 192 mg Rumensin/hd/d.	

Supplement contains the following nutrients:

Crude protein	36.0%
Calcium	3.76%
Phosphorus	1.00

NOTE: If using a commercial supplement, feed according to bag instructions.