

# Cut alfalfa, Not cheques!



**Experience the Harvestore® Haylage Advantage and cut off-farm feed purchases by 50%.**

Making the switch from corn silage to quality haylage stored in a Harvestore system can pay dividends in today's dairy environment. Run the numbers for yourself. A quality alfalfa haylage ration can make it easier to meet the nutritional needs of your cows with less off-farm purchased mineral and protein.

**Compare predominately corn silage versus Harvestore haylage rations:\***

## 70% Alfalfa Haylage / 30% Corn Silage

Ingredient	As Fed Amount	Ing DM Percent	Ration DM Amt	As Fed Percent	As Fed Lbs/Ton	\$/Ton
Alf.Hayl.20CP62NEL50mst.	52.50	50.00	26.25	54.60	1092.05	70.00
Corn Sil. .72NEL, 34%star	23.00	35.00	8.05	23.92	478.42	36.00
HMSC 28%msst	16.00	72.00	11.52	16.64	332.81	120.00
DDGS - New Plants	2.50	86.00	2.15	2.60	52.00	140.00
Soybean Whole Roasted	1.50	90.00	1.35	1.56	31.20	420.00
Mineral mix-haylage 10270	0.65	96.91	0.63	0.68	13.52	706.24
	<b>96.15</b>		<b>49.95</b>	<b>100.00</b>	<b>2000.00</b>	

## 78% Corn Silage / 22% Alfalfa Hay

Ingredient	As Fed Amount	Ing DM Percent	Ration DM Amt	As Fed Percent	As Fed Lbs/Ton	\$/Ton
Alfalfa Hay Early Bloom	8.00	89.00	7.12	7.94	158.89	160.00
Corn Sil. .72NEL, 34%star	73.50	35.00	25.73	72.99	1459.79	36.00
Corn Ground Grain 56 lb/b	10.00	88.00	8.80	9.93	198.61	142.00
DDGS New Plants	4.00	86.00	3.44	3.97	79.44	140.00
SBM - 48	3.50	90.00	3.15	3.48	69.51	360.00
Mineral Mix-corn sil	1.70	98.27	1.67	1.69	33.76	596.49
	<b>100.70</b>		<b>49.91</b>	<b>100.00</b>	<b>2000.00</b>	

\*Rations balanced for 80 lbs of production per day. Assumption that farmer grows alfalfa, corn silage and corn for grain.

Both rations fulfill the cows' nutritional requirements. However, the true difference is the amount of off-farm purchased feed needed in the corn silage ration to reach the same nutritional value of the Harvestore haylage ration. Look at how the off-farm purchased feed costs compare.

Alfalfa Haylage ration =  
**\$0.72 per cow per day**  
(mineral and protein)

Corn Silage ration =  
**\$1.42 per cow per day**  
(mineral and protein)

**That's almost 50% savings in off-farm feed purchases with the Harvestore haylage ration. What does that mean to your bottom line?**

**Per 100 cows this amounts to \$70 in savings each day and \$25,550 per year!**

Consider the other advantages of feeding Harvestore haylage and your return can grow even more!

- Higher milk production better cow health from better quality feed
- Feed more cows from the same acre
- Higher fiber digestibility
- Less dry matter loss
- Lower labor, equipment and fuel costs

Isn't it time you looked into the Harvestore Haylage Advantage? It's an advantage you can take to the bank!



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# Save money and dry matter all in one system.

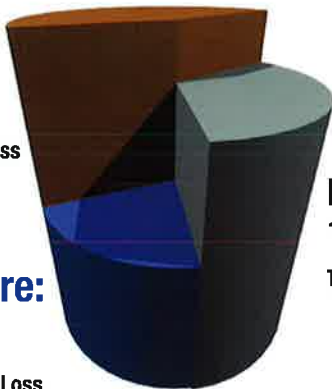
**Alfalfa haylage stored in:**

**Bunker:**  
**16.9%**

Total Dry Matter Loss

**Harvestore:**  
**4.3%**

Total Dry Matter Loss



**Bag:**  
**11.3%**

Total Dry Matter Loss

**Cows fed alfalfa from:**

**Harvestore:**  
**91.9 pounds**

Fat-corrected milk:  
per head/day

**Bunker:**  
**86.2 pounds**

Fat-corrected milk:  
per head/day

**Bag:**  
**86.0 pounds**

Fat-corrected milk:  
per head/day



## Research Shows Benefits Over Bags and Bunkers.

A recently completed study confirmed that haylage stored in a Harvestore experienced less dry matter loss than haylage stored in bags or bunkers.

	Bunker Silo	Bags	Harvestore
Dry Matter Loss (%)	16.9	11.3	<b>4.3</b>

The study also shows that cows fed haylage from a Harvestore produced more Fat-Corrected Milk (FCM) than those fed from a bag or bunker. The milk components chart shows the different between storage options.

### Effect of Alfalfa Storage System on Intake and Milk Yield

Variable	Bag	Bunker	Harvestore	P>F
DMI, lb/d	53.1	52.9	52.9	0.93
Milk, lb/d	86.4	86.6	87.5	0.60
Milk/DMI	1.63	1.64	1.67	0.10
3.5% FCM, lb/d	86.0b	86.2b	<b>91.9a</b> (+5.7lbs)	<0.01
BW Gain, lb/d	0.40	0.73	0.93	0.13
a,b (P<0.01)				

Source: US Dairy Forage Research Center, 2005-2006



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