

**Belknap Livestock Auction**  
Dayton, Pa.

Wednesday, January 13, 1988  
Report Supplied by PDA

**CATTLE** 92...PDA...Completed with last weeks market: Select and Low Choice slaughter steers 60.00-63.25. Couple Choice sl. heifers 62.00&63.00, few Select 56.50-59.25. Breaking Utility and Commercial sl. cows 47.50-49, couple 51.00&52, Cutter & Boning Utility 44.00-48, Canner & Low Cutter 38.50-43.25, Shells down to 23.00 Few Yield Grade No. 1, 1245/2000 lbs. sl. bulls 55.00-58.50. Feeder Cattle: Few Medium Frame No.1, 390/465 lbs. bulls 69.50-75.50. Few Medium & Large Frame No. 1-2, 405/615 lbs. heifers 61.00-69.75, few Medium #2, 545/710 lbs. 54.50-58.00.

Few Medium Frame No. 1-2, 515/660 lbs. bulls 59.75-62.00.  
**CALVES** 109...Few Good vealers 87.00-95.00, Standard and Good 90/120 lbs. 75.00-84.00, 65/85 lbs. 60.00-75.00, few Utility 55/75 lbs. 45.00-52.00. Farm Calves: Holstein Bulls 90/130 lbs. 100.00-144.00, one 148.00, few down to 90.00, few 85/90 lbs 80.00-90.00. Few Beef cross bulls & heifers 80/125 lbs. 79.00-103.00.  
**HOGS** 163...Barrows and gilts mostly \$3 higher. US No. 1-2 230/240 lbs. barrows and gilts 42.70-42.90, 1-3 225/255 lbs. 42.00-42.60, few 2-3 245/260 lbs. 41.60-42.00, few 1-3 210/215 lbs. 40.00, 165/195 lbs. 34.25-36.50. Few US No. 1-3 535/580 lbs. sows 33.00-35.75. Boars 22.50-26.75.  
**FEEDER PIGS** 53... US No. 1-3 25/35 lbs. feeder pigs 21.00-31.00, 35/50 lbs

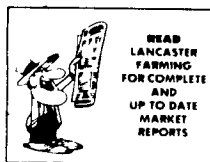
26.00-34.00, couple small lots 45&65 lbs. 16.00&21.00 --- all per head.  
**SHEEP** 3...Couple Choice 80 lbs. wool slaughter lambs 88.00.  
**GOATS** 7...Medium & Large 46.00-64.00 --- all per head.

LBS. 71.00-72.00; 500-700 LBS. 72.00.  
**HEIFERS:** M&L-1 300-500 LBS. 71.00-75.50; 500-700 LBS. 67.00-75.50.  
**S-L&M&L-2** 500-700 LBS. 62.00-68.00.  
**STOCK COWS:** BEEF: 350.00-705.00;  
**BABY CALVES:** 30.00-132.00.  
**SLAUGHTER COWS TREND:** \$3  
**LOWER. UTILITY & COMMERCIAL** 2-4 41.00-48.00. **CANNER & CUTTERS** 1-3 37.00-42.00.  
**SLAUGHTER BULLS 1 & 2:** 51.00-53.00.  
**LAMBS:** TREND: **SLAUGHTER** \$2.50-3.00 HIGHER; **FEEDER 7 HIGHER.** BLUE O HIGH CHOICE & PRIME 78.50; RED O CHOICE 80.50; **FEEDER LAMBS CHOICE** 95.00-95.25, **SLAUGHTER EWES** 29.50-31.75; **HEAD EWES** 52.00-67.00.  
**HOGS:** US 1-3 200-240 LBS. 40.00;

**SOWS** 1-3 35.00-39.00; **BOARS** 24.00.  
**SLAUGHTER CALVES:** GOOD & CHOICE 61.00-70.00.

**Joliet Cattle**  
Joliet, Illinois

Wednesday, Jan. 13, 1988  
**CATTLE:** 40. ON A LIMITED BASIS  
**SLAUGHTER HEIFERS** STEADY.  
**SLAUGHTER HEIFERS:** LOAD CHOICE 2-4 1050# 65.00.



**Shenandoah Valley Livestock**

Harrisonburg, Va.  
Sat., Jan. 9, 1988

Report supplied by auction  
**FEEDER CATTLE TREND:** STEADY.  
**STEERS:** M&L-1 300-500 LBS. 82.00-88.00; 500-700 LBS. 80.00-81.00; 700-800 LBS. 74.00. S-L&M&L-2 300-500 LBS. 73.00-80.00; 500-700 LBS. 72.00; **HOLSTEIN** 300-1000 LBS. 57.00-78.00.  
**FEEDER BULLS:** M&L-1 300-500

**CARGILL HYBRID Alfalfa Focus #1 CARGILL HYBRID**

Information to help you grow alfalfa more profitably

**Multiple Pest Resistance: Good Yield Indicator**

Profitable alfalfa production is the result of long stand life, excellent quality and high tonnage.

It's obvious that pest resistance contributes significantly to long stand life and improved alfalfa quality. But what is the relationship of pest resistance to yield?

At Cargill Hybrid Seeds we decided to investigate the relationship between multiple pest resistance and yield.

Using the official pest resistance ratings of the Certified Alfalfa Seed Council, a number of varieties with various degrees of pest resistance were selected.

We also compiled all published U.S. state yield data from 1982 to 1986 on the same varieties. These varieties were ranked on the basis of how often they out-yielded other varieties planted in the same state yield trial, a good indication of consistency.



By Dr. Jack Carlson, Product Manager

By comparing the two parts of the table—multiple pest resistance and percentage of yield wins—you can see the definite relationship.

For example, Crown, a variety with outstanding multiple pest resistance, also rated high on the yield scale, winning 64 percent of the time over other varieties planted in the same state yield trial.

On the other hand, Vernal, a widely-planted variety, exhibited resistance to only two of the major diseases and insects. Vernal ranked last in the yield column, winning only 23 percent of the state yield comparison trials.

**The conclusion:** Varieties with high levels of multiple pest resistance, such as Crown and Endure, have excellent potential to produce consistently high yields.



All products subject to Cargill's warranty limitations

**SAVE UP TO 12% OR MORE**

**1. Quantity Discount Plan**

Total Dollar Value all Seeds	% Savings
\$ 0- 900	0%
\$ 901-2000	2%
\$2001-3000	3%
\$3001-5000	4%
\$5000 plus	5%

All spring planted crops including Corn, Alfalfa, Grass Seed, Sunflowers, Sorghums can be totalled by June 15

**2. Early Payment Discounts**

If Payment Postmarked	Discount is		Total
	Early Pay	Prime Time	
Mar 15	3%	3%	6%
April 15	2%	—	2%

A special 3% Prime-Time discount applies through Mar 15, 1988.

**3. PIK Certificate Redemption**

Cargill, Inc will maintain an aggressive daily cash bid for generic PIK certificates. This bid price is available through your Cargill Hybrid Seeds dealer. Farmer customers may apply PIK certificates to Cargill Hybrid Seed purchases and realize additional savings.

**How Leading Alfalfa Varieties Compare**

Brand	Variety	Pest Resistance Ratings										Yield Wins*
		Phyto.		Vert.	An-thrac.	Fusar.	Pea Aphid	Spotted Alfalfa Aphid	% Yield Wins*			
		Root Rot	Bact. Wilt									
CARGILL	CROWN	R	R	R	HR	R	R	MR	HR	64%		
CARGILL	ENDURE	R	R	R	MR	R	-	LR	HR	60%		
Pioneer	5444	LR	MR	HR	-	HR	-	HR	HR	59%		
Jacques	Elevation	MR	R	MR	-	R	R	-	HR	56%		
Pioneer	526	LR	HR	-	-	MR	R	HR	HR	55%		
Pioneer	532	LR	HR	-	LR	R	R	HR	HR	54%		
DeKalb	135	MR	R	MR	MR	R	R	MR	MR	52%		
DeKalb	120	R	HR	-	LR	R	R	-	HR	50%		
Dairyland	Magnum+	R	R	LR	MR	R	-	LR	HR	49%		
Pioneer	5432	MR	HR	R	-	HR	R	HR	HR	44%		
NK	Drummor	R	R	-	MR	MR	-	HR	HR	43%		
Funks	G-2815	MR	R	-	R	HR	R	LR	HR	42%		
Asgrow	Eagle	MR	HR	MR	R	R	R	R	HR	38%		
NK	Trumpetor	LR	MR	MR	R	HR	MR	LR	HR	36%		
NK	Commandor	R	R	MR	HR	R	-	LR	HR	37%		
Public	Oneida VR	MR	R	HR	MR	HR	-	-	HR	36%		
Public	Wrangler	HR	R	LR	LR	R	HR	HR	HR	33%		
Public	Saranac AR	-	MR	-	HR	R	-	-	HR	32%		
Public	Vernal	-	R	-	-	MR	-	-	HR	23%		

\*Includes yield data from all published U.S. trials from 1982-86

Resistance class	% resistant plants
S (susceptible)	0-5
LR (Low Resistance)	6-14
MR (Moderate Resistance)	15-30
R (Resistance)	31-50
HR (High Resistance)	50

Pest resistance ratings are published by the Certified Alfalfa Seed Council. The information was obtained and characterized by the National Alfalfa Review Board. All varieties not shown. Blank spaces indicate variety is susceptible or has not been adequately tested.

**FOR MORE INFORMATION CONTACT YOUR LOCAL CARGILL DEALER**

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Name \_\_\_\_\_  
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717-285-4227

**HAY & STRAW AUCTION EVERY THURSDAY AT 1 PM VINTAGE SALES STABLES, INC.**  
10 miles East of Lancaster on Rt. 30, Paradise, PA  
717-442-4181 or 768-8204  
L. Robert Frame, Mgr.