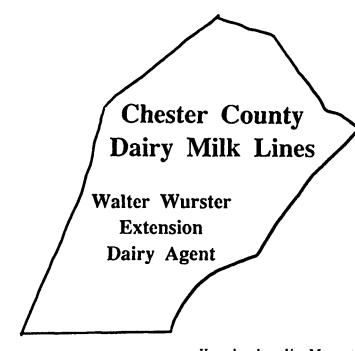
# GRAIN. CATTLE AND HOG **FUTURES MARKETS**

(Closing bids: Wednesday, Febuary 9, 1994)

CORN CHICAGO WHEAT "										K.C. WHEAT						LIVE CATTLE						FI	EDER (	CATTLE	LIVE HOGS			
	HIGH	T.OW	LAST	CHG		HIGH	HOW		CHG	P	IIGH I			CHG			HIGH	LOW	LAST	CHG		HIGH	LOW		CHG	HIGH		AST CHG
MA		2934	2950*	-4	MAR	3772	3726	3734*	-22		684 36				F	'EB	7295	7257	7270*	+2	MAR	8107	8080	8092*	+12	FEB 4912	4865 4	892* -2
Mλ		2994	3010*	'n	MAY	3660	3620	3634*	-2		616 35				•	PR	7530	7490	7502*	-12	APR	8020	7995	8002*		APR 4972		
JL		3010	3024*	+2	JLY	3502	3480	3484*	-14		3476 34					IUN	7370	7342	7355*		MAY	8000	7975	7982*		JUN 5460	5430 5	445* -7
SE		2854	2864*	٠ <u>٠</u>	SEP	3510	3490		-16		3576 34				-	UG	7310	7285	7295*		AUG	8107	8090	8105*		JLY 5397		
DE			S\RRR(	Õ		3580	3566		-10		3530 35					CT	7372	7337	7357*		SKP	8067	8050	8067*		AUG 5240		
MA		2756	2764*	-2	JLY	3410	3410	3410*	0	'		WHE			•	DEC	7390	7375	7385*	+7	OCT	8037	8020	8035*		OCT 4845		
nn Ka		2794	2800*	-4	ODI	3410	OATS	3140	•	NAR 3	3824 37			-12		EB	7350	7335	7335*		NOV	8105	8070			DEC 4920		
na Ji.		2794	2810*	0	MAR	1324	1300	1306*	-4		3684 36				•	PR	7330	, ,	1334	_	JAN	7960	7950			FEB 4975		
		2560	2564*			1376	1354	1362*	-4		3560 3					SWISS FRANC						CANADIAN DOLLAR				PORK BELLIES		
שע	DEC 2564 2560 2564* +2 SOYBEANS				JLY	1412		1404*	Ö		3450 34				¥	ΙλR	6783		6759*	-7	MAR				<b>+12</b>	FEB 5765		
W)		6770	6790*	+4	SEP				-2	DEC			490*			IUN	6764	6717	6751*	-7	JUN	7454	7440			NAR 5780		-
	MAR 6796 6770 6790* +4 WAY 6856 6830 6846* +10					P 1446 1430 1434* -2 SOYBEAN NEAL				SOYBEAN OIL				-	EP	6762	• • • •		<b>-</b> 7	SEP		7445			MAY 5840			
					MAR	1964	1955	1961*						BRITISH POUND					US DOLLAR INDEX				JLY 5840 5642 5660*-182					
	4 6882	6860 6786	6810*	+26	нач	1965	1955	1958*	-1 -3		2842 2				4	(1D			14606*	130	MAR			9700a	<b>±15</b>	AUG 5605		
λU		0.00	6610*	TZ0	JLY	1967	1954	1960*	-4		2830 2				-				14556*		JUN	9785		9748*			J132 J	0
SE		6600	6470*	-6	AUG	1954	1941	1942*	•		2785 2				•				14516*		UUM		500		24		MAN MAR	-
NC		6456	0.,0	-0 -4	SEP	1938	1928	1935*	-4		2735 2'				2	DEP .		ANESE		T20	WID			46945*	-362	MAR 5700		7
J		6506	6524*	-4	OCT	1922	1908	1918*	-3		2635 2					n n		9197	9246*	414				47065*	_	JUN 5669		
10		6580	6580*	20	DEG		1904	1910*			2580 2				-		9258	9234	9240*			• • • • • •				SEP 5640		T
JI		6574	6574*		DEC	1915			-7		2567 2					IUN	9286											634* +23
N	V 6234	6210	6224*	+10	JAN	1917	1909	1909*	-/	UAN	250/ Z	JJU Z				SEP	9330	9291	9324*	T14	DEC.	4//90	4/3/0	47405*	-202	DEC 5634		723 ° 723



#### Chester County Holstein Club Farm Tour

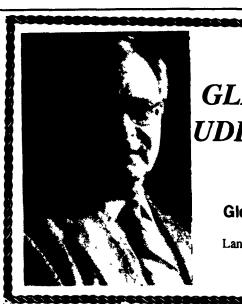
The Chester County Holstein Club is taking their annual spring farm tour to Berks County this year. The trip will be on Tuesday, March 1 with the bus leaving from Dick Hostetter's Farm, on Route 30, Parkesburg, PA at 8 a.m. . There will probably be a stop in

Honeybrook and/or Morgantown on the way north. The cost is \$15 per person which includes the cost of the bus trip and the dinner. Participants should pack a lunch for the trip. All dairy farmers and friends are welcome. For reservations call: Stanley Guest, 469-6627, Dick Hostetter, 857-2780 or Jane Pepple, 932-3975.

The tour features an outstanding collection of top Holstein herds in Berks County. Stops will be made at Vista Grande Farm, Dave and Phoebe Bitler (Phoebe will also demonstrate her "Crafts in the Country" business); Elwood Ohlinger and Scott Troutman Dairy; Rothrock Golden Holsteins, Jack Miller; Junge Farms, Ray Moyer; Russeldale Farm, Ray Bicksler; Fantasyland Holsteins, David Poole; and Hidden View Farm, Tim and Theresa Kissling. Chester County 4-H

Center Dairy Sale Chester County dairy farmers are having a sale of donated dairy animals to fund the development of a 4-H Center that will support youth programs in the county. This sale is one of many contributors to the fund raising effort. The sale will be on Saturday, April 2, at the Solanco Fairgrounds, Quarryville, PA. Currently the committee is contacting dairy farmers for sale animals. If you are interested in supporting this worthy cause and have not been personally contacted, call the co-chairpersons: John St. John, 868-8745 or Mildred Seeds, 269-0759. Next month's column will have more

#### Chester County DHIA - January 1994 Cows producing over <u>800</u> lbs. protein are: Name Pro DH Lonehill Farm Rosalyn Ken & Marilyn Umble H 7-04 30,068 778 872 Jolly John S. Stoltzfus H 5-03 30,502 952 937 Lot 1228 H 8-02 25,414 1026 833 Ardrossan Farms Cav Evn A 5-04 24,977 980 ·815 Merle J. King Sugar Levi S. King H 24,803 3-00 943 844 Anita Harold & Glenn Ranck H 4-03 24,981 818 811 Robena Dunwood Farm H 5-03 24,143 1023 802 Hanna Gideon Stoltzfus Jr. H 4-03 25,371 974 837 H Penny 5-01 27,240 801 846 Tim & Phyllis Barlow H 4-02 26,132 1030 833 Richard Hoover 117 6-00 3-05 32,202 25,380 1142 700 H 994 819 Charles J. Moore H Trans 3-03 28,734 941 813 Kevin Stahlnecker Dolly Dale Hostetter H 5-04 27,264 1017 828 H Jocelyn 2-11 25,785 1027 801 Paul Martin H 6-03 22,950 949 805 George Strutynski & Sons 26,302 27,053 5-02 Н 740 805 David F. King 29,325 28,818 109 874 Jody 92 Alvin R. Zook H 6-00 H 7-04 26,078 918 803 Melwood Farm 6-03 4-08 27,362 33,475 1308 1162 Mildred H 895 Windy H 1035 26,125



GLENN'S **UDDERINGS** 

> By Glenn A. Shirk

Lancaster Extension

#### (Article two cf a two-part series)

In the first article, I discussed the challenge of keeping highproducing cows in proper flesh, getting them bred back, and keeping them healthy enough to stay in the herd a few years so they will have an opportunity to reward you with some valuable offspring, a little satisfaction and some profits. It's hard to do this without good dry matter intakes.

### Dry Matter Intake

Top managers feed cows all they will eat, and many of them continually entice cows to eat more than what they actually want. They offer their cows high quality rations that are palatable and packed full of nutrients. They manage their herd and their feeding program in a manner that promotes good rumen function, a lot of cud chewing activity, and a healthy gut, all of which maximizes digestibility of feeds and absorption of nutrients.

Many things affect dry matter intake, nutrient intake and nutrient absorption. Let's look at a few of them.

1. Gut Capacity. This is something you don't wait until calving time to develop. Heifers that are well grown out and calve at a weight of about 1,300 pounds (large dairy breeds) have fewer difficulties at calving time and begin their lactations with more aggressive appetites and a greater capacity to consume feed.

information on the event.

Once these larger heifers are in milk, fewer nutrients are needed for growth. More are available for production and restoration of flesh, the result being better conceptions and heifers that are in better flesh and are better able to begin their second lactation with a ino etart

As you push for rapid growth and development of heifers, be careful not to get them too fat. Getting young calves too fat can impair udder development and start foundering them at a very young age. These problems can remain with them for life.

Bred heifers can and should carry a little more flesh, but try to keep them below a body condition score of about 3.75. Fat heifers are more sluggish and they have a lower immune response. Their conception rates are poorer, they have more difficulty at calving time, and they can have sluggish appetites.

Heifer and dry cow programs that focus on developing capacious, well-functioning rumens is helpful too. That's why many producers and nutritionists prefer to feed drier, longer-stemmed, medium-quality, grassy forages over a lot of grain and corn silage or finely chopped haylages.

2. Pre-Calving Care. The 2- to 3-week period prior to calving is a good time to increase grain feeding rates. This stimulates the gut wall to develop more papilla (finfrom the gut wall).

The more papilla there are and the longer they are, the greater the after calving, start increasing amount of surface area that is

available to absorb nutrients from the digestive system.

The goal is to get these papilla developed before calving so they are ready to function at time of calying and in early lactation, when the need for nutrients is greatest.

This is also a good time to gradually acclimate cows and heifers, as well as their rumen microflora, ger like projections that grow out to feeds that will be fed in early lactation.

3. Ration Density. A few days (Turn to Page A23)

## Lancaster DHIA Board Reorganizes



ine Rd. Manheim, PA 17545 (717) 665-5960 LEOLA (Lancaster Co.) —

Lancaster D.H.I.A. Board and Technicians recently met in a joint meeting at Leola Family Restaurant. President Bob Wenger thanked the Technicians for their commitment to serving the dairymen and asked for suggestions from everyone for ways to improve service. Suggestions on improving turn-a-round time was discussed. Directors were shown

the new colored laser reports that are planned for April or May 1994. George Book was recognized for starting eighteen new herds and Harold Probst with eleven new herds last year. The Board thanked retiring member, Bob Wenger for his six years on the Board with the last two serving as President. His leadership was noted with results in more efficient service for Lancaster Members. The Board elected the following officers for 1994: President - Joe Graybeal, Peach Bottom; Vice-President - Steve Hershey, Manheim; and Secretary - Larry Aaron, Quarryville.