

Innovations For Livestock Housed In One Place

UNIVERSITY PARK (Centre Co.) — As biosciences, computer technologies and other innovations impact every phase of animal agriculture, it gets tougher for livestock and dairy producers to keep up. Producers who want to stay current should visit the Animal Agriculture Tent and facilities at Penn State's Ag Progress Days.

The exhibit, sponsored by Penn State's departments of dairy and animal science and veterinary science, organizes the best available technologies to make them accessible to farmers and producers, according to Bill Heald, professor of dairy science and exhibit coordinator.

"We're highlighting the best of the new and the old, to help farmers sort out what's available," he says. "There are so many new inventions and initiatives, sometimes it's good to have an expert there to help you

decide what's a real innovation, and what's a flash in the pan.

"We want the animal industry to show us what they're doing and have the opportunity to ask the experts for advice. We can discover what the producers want, they can see what we have to offer, and we can forge a relationship to improve Pennsylvania's agriculture industry."

A great example is the hog odor remediation exhibit in the Animal Sciences facility. Developed by Penn State researchers Kenneth Kephart and Robert Mikesell, it's a comparison of several technologies for controlling odor emissions from swine and other livestock facilities. Visitors can talk with the experts about the relative strengths of each system and consider the factors that would make a system most effective for a particular location.

Even the building housing the exhibits is innovative. Called an

"animal greenhouse," it's a low-cost and surprisingly sturdy farm building that uses a metal tubing frame and plastic sheeting to fulfill all of the functions of traditional wood-and-steel barns at a fraction of the cost.

A new addition is a display from the Dairy Alliance, an innovative partnership between Penn State's College of Agricultural Sciences, Penn State Cooperative Extension and dairy producers to enhance the economic development of the Pennsylvania dairy industry through focused educational efforts. The alliance helps individual farmers with issues of labor and business management, information technologies and nutrient management.

The popular Youth Skillathon and Lamb Show returns with a new wrinkle on Wednesday, Aug. 16 at the Junior Livestock Exhibition Ten. Pennsylvania 4-H and FFA members in four age

Penn State Ag

Wrinkle

2000

groups will test their knowledge about lamb production in multi-phase competition that includes a showmanship competition, a written test and a series of identification stations, followed by a traditional lamb show. This year, 4-H and FFA members

with lamb projects can compete without showing an animal.

Other displays address the dynamics of milk market pricing, milking machine testing and improvement, and opportunities in undergraduate education.

Top Lancaster DHIA Cows

(Continued from Page 14)

MELVIN BAUGHMAN		GLENCOE	
NOSEY	25,716	1018	815
DAVID CRISSINGER		MEYERSDALE	
28	26,686	804	813
WALKER GROVE FARM		SOMERSET	
LIBBY	24,660	933	811
GERALD+JUDY WEIGLE		FRIEDENS	
26	25,003	995	808

UNION COUNTY

WARREN H BURKHOLDER		MIFFLINBURG	
39	31,331	815	975
112	28,131	1140	941
FRAN	30,952	1156	933
17	29,793	1250	914
RUFUS B MARTIN		MIFFLINBURG	
GAIL	29,724	1035	921
SHELDON ZEISET		MIFFLINBURG	
TERRIF	25,877	952	829

WESTMORELAND COUNTY

JOHN & ROBERT GRAHAM		BOLIVAR	
91K	30,251	1042	977
RAE	30,467	998	975
ZEAL	27,808	938	868
DELLA	22,348	901	821
34K	24,532	804	813
61K	24,243	1064	817

YORK COUNTY

H.E. HEINDEL & SONS		BROGUE	
SHASTA	31,451	1241	973
LINDSE	27,404	1060	901
JADE	30,973	1035	898
BELIND	29,011	995	896
LAKOTA	28,314	1111	888
COLA	27,277	1060	833
JOY	26,658	984	829
MADONN	23,794	937	824
JONES	27,404	882	817
WOODBINE FARMS		AIRVILLE	
250	30,477	891	966
482	27,036	1094	938
900	25,606	910	915
290	27,459	915	904
469	26,864	927	875
338	28,516	814	863
409	26,406	915	866
1000	25,276	762	838
EARTH	27,893	836	804
BESHORE FARMS		NEW CUMBERLAND	
JUGGLE	26,512	832	892
SAMUEL B FISHER		BROGUE	
SPOTTY	25,583	818	851
ADIU	27,994	1044	844
EDWIN JOHNSON		AIRVILLE	
CRISTA	26,826	899	836
TERRI	23,952	991	804
ENOS E ZOOK		DELTA	
VERA	23,983	912	805

STATE OF MARYLAND

TOL-JE-SO FARM 1		PORT DEPOSIT	
NALA	34,392	1147	1054
PRINCE	23,535	971	827
220	27,710	1194	814
CHESAPEAKE GOLD FARM, INC.		NORTH EAST	
339	35,666	1061	999
341	31,269	1018	963
DAVID & KATE DALLAM		BEL AIR	
WIN	27,687	1029	932
SAS	26,091	993	918
LINDA	26,456	912	877
SILKIE	28,475	898	863
EDNA	25,428	1050	835
EUGENE ESHLEMAN		HAGERSTOWN	
109	30,540	1216	900
816	24,259	880	816
MT ARARAT FARMS		PORT DEPOSIT	
ANN	29,715	1229	873
MIM	24,710	1047	868
RAE	28,106	1200	846

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