

# Irish Scientist To Speak At Grazing Conference

GRANTVILLE (Dauphin Co.) — Sinclair Mayne, a scientist at the Agricultural Research Institute of Northern Ireland, will be the keynote speaker at the Pennsylvania Grazing Conference at the Grantville Holiday Inn, March 4-5.

Mayne's grazing research with dairy cattle and beef is some of the strongest in the world. Mayne's

research has emphasized improving grazing management to increase intake and utilization of pasture. In addition, he has been involved in a long-term study to evaluate the optimum genetic merit of different cow breeds for grazing management systems.

In addition to the educational program, there will be a trade

show and company representatives available to showcase the latest in grazing technology. If it is New Zealand-style milking facilities, fence insulators, or the newest plant species for pasture that you are interested in, you can learn all about it at the trade show.

For more information, contact the Grazing Research and Education Center at (814) 863-2543.

## Wednesday, March 4

9:00 am	Registration; Trade Show
10:00 am	Welcome
10:15 am	Forage Productivity and Utilization by Ruminants to Optimize Profits-- <i>S. Mayne</i>
11:15 am	Grazing Dairy My Way -- <i>L. Stuttle</i>
Noon	Lunch and Trade Show
1:30 am	Breakouts Session A--Managing Summer Slump -- <i>N. Mast, T. Williams, L. Sayre</i> Session B--Fencing -- <i>L. Sapp</i> Session C--Applying Manure to Alfalfa and Pasture -- <i>L. Lanyon</i>
2:30 pm	Break and Trade Show

3:00 pm

### Breakouts

Session A--Parasites -- <i>L. Gasbarre</i>
Session B--Economics of Grazing Dairy -- <i>J. Swisher, T. Martin, F. Stricker</i>
Session C--Applying Manure to Alfalfa and Pasture -- <i>L. Lanyon</i>
4:00 pm Trade Show and Grazing the Web for Forages
5:30 pm PFGC Awards Reception
7:00 pm Informal Evening Discussion (Bring discussion topics and questions) Session A--Fencing -- <i>D. Pysker, L. Sapp</i> Session B--Dairy -- <i>L. Muller, S. Mayne, F. Stricker, L. Stuttle G. Gorrell</i> Session C--Beef -- <i>J. Comerford, L. Sayre</i> Session D--Grazing the Web -- <i>D. Hannaway</i>

## Thursday, March 5

8:00 am	Registration; Trade Show
8:15 am	Alfalfa: Grazing and No Till -- <i>W. Thompson</i>
8:45 am	New Zealand: Not All That Glitters is Gold -- <i>M. Hall</i>
9:15 am	Are We Selecting the Correct Dairy Cows for Grazing? -- <i>S. Mayne</i>
10:15 am	Break and Trade Show
10:45 am	Breakouts Session A--Dairying and New Technologies-- <i>BST, etc.</i> -- <i>J. Estrada, Protiva, D. Williams, G. Gorrell</i> Session B--Poisonous Plants -- <i>D. Wolfgang</i> Session C--Economics of Hay Making Practices -- <i>A. Rotz</i>
11:45 am	Lunch and Trade Show
1:15 pm	Breakouts Session A--Animal Health Issues -- <i>D. Wolfgang</i> Session B--New Forage Varieties -- <i>D. Hannaway</i> Session C--Economics of Hay Making Practices -- <i>A. Rotz</i>
11:45 am	Lunch and Trade Show
1:15 pm	Breakouts Session A--Animal Health Issues -- <i>D. Wolfgang</i> Session B--New Forage Varieties -- <i>D. Hannaway</i> Session C--Efficient Use of Hay or Silage for Pasture-Based Dairies -- <i>L. Holden</i>
2:15 pm	Integrated Farming Systems -- <i>A. Rotz</i>
3:00 pm	Wrap Up and Adjourn

# PIONEER® BRAND HYBRIDS MORE OF WHAT YOU GROW CORN FOR.

Growers throughout the East weighed and compared PIONEER® brand hybrids with the competition. See your Pioneer sales rep for the hybrids that deliver more of what you grow corn for.

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Laurel Locks Farm Pottstown, PA	DeKalb	DK618	59.2	17.3	55.5	\$145.33
	Fielders Ch	8111	80.5	22.9	52.3	\$188.57
	PIONEER	3335	93.4	19.7	56.0	\$224.63
75% ECB Planted: 5/6/97 Harvested: 11/7/97	PIONEER	33Y09	106.0	20.1	56.0	\$254.29
	DeKalb	DK595	83.9	16.6	55.0	\$207.07
	DeKalb	DK546	89.6	17.9	55.0	\$218.73
	Doebblers	679XP	82.4	19.0	53.5	\$199.41
Doebblers	636XY	76.8	18.8	53.0	\$186.18	

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Peter Miller Spring City, PA	DeKalb	DK668	159.6	25.6	57.0	\$365.19
	PIONEER	34G81	166.0	20.0	56.0	\$398.42
Planted 5/8/97 Harvested 10/21/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Wayne Erb Mt. Joy, PA	PIONEER	35N05	136.1	19.2		\$328.89
	PIONEER	33Y09	129.7	20.7		\$309.41
	Novartis	N7639BT	117.5	22.2		\$276.91
60% ECB Planted 4/26/97 Harvested 11/10/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Brubaker Farms Mt. Joy, PA	PIONEER	3335	215.7	27.5		\$485.39
	Novartis	MAX496	209.3	24.6		\$483.03
50% ECB Planted 5/5/97 Harvested 10/13/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Lynn M. Good East Earl, PA	PIONEER	32K61	209.2	19.5		\$504.08
	Doebblers	82XP	197.7	23.9		\$459.13
	20% ECB Planted 4/22/97 Harvested 10/29/97					

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Dwight Hess Marietta, PA	Novartis	MAX21	177.2	22.6	55.5	\$416.00
	PIONEER	35N05	203.9	21.4	57.0	\$483.64
20% ECB Planted 4/21/97 Harvested 10/6/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
John Burrier Middletown, MD	PIONEER	3153	112.9	27.2	57.0	\$254.65
	Doebblers	75X	93.6	31.4	54.5	\$203.33
Planted 4/20/97 Harvested 10/31/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Brad Gamble Dry Run, PA	PIONEER	33Y09	141.9	27.3	59.0	\$319.91
	Novartis	N6800BT	89.7	26.5	58.0	\$203.58
10% ECB Planted 4/28/97 Harvested 11/19/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Harmon Hawbaker Chambersburg, PA	PIONEER	33Y09	77.4	26.5	54.5	\$175.59
	Novartis	MAX496	71.6	23.3	52.5	\$167.10
10% ECB Planted 5/6/97 Harvested 11/19/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Roy Kolb & Sons Spring City, PA	PIONEER	3394	147.2	20.2	57.0	\$352.58
	DeKalb	DK642	150.2	24.5	54.5	\$346.99
70% ECB Planted: 5/8/97 Harvested: 10/21/97	DeKalb	DK618	144.4	21.6	56.0	\$341.97
	PIONEER	3335	157.4	23.9	55.5	\$365.40
PIONEER	33Y09	182.7	22.6	57.0	\$429.03	
Doebblers	737XP	138.5	21.0	55.0	\$329.73	
Doebblers	75X	131.6	21.9	56.0	\$310.74	
PIONEER	32K61	149.7	23.5	57.0	\$348.91	
Fielders Ch	8111	135.1	23.8	54.5	\$313.94	
Cargill	8527	157.4	25.8	56.5	\$359.45	
PIONEER	33Y09	173.2	23.7	56.0	\$402.90	

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Ronald Wegman Farms Reading, PA	PIONEER	33Y09	155.8	24.7		\$359.34
	Novartis	MAX454	114.9	28.3		\$256.75

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Jim Wenger Bridgeton, NJ	PIONEER	33Y09	206.1	21.5	57.0	\$488.48
	PIONEER	33V08	205.6	21.7	56.0	\$486.41
	Novartis	MAX21	148.6	18.5	58.0	\$361.00
Harvested 10/8/97 PIONEER 33V08 193.3 21.8 58.0 \$457.07						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Jan Cowan Neelyton, PA	PIONEER	3394	134.4	22.0	58.0	\$317.26
	PIONEER	3335	129.2	24.0	57.0	\$299.85
	Doebblers	636XP	106.6	21.0	56.0	\$253.79
Planted 5/5/97 Harvested 11/4/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Ernest A. Melly Jr Mt. Union, PA	PIONEER	3335	120.4	20.4	59.0	\$288.08
	Doebblers	737	115.9	21.5	54.5	\$274.68
	Agway	AG657	102.1	23.2	55.0	\$238.61
Planted 4/28/97 Harvested 10/22/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Irwin S. Martin Lilitz, PA	PIONEER	33Y09	183.0	30.0		\$402.60
	Novartis	MAX496	165.0	30.0		\$363.00
53% ECB Planted 5/5/97 Harvested 10/1/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Nissley Brothers Mt. Joy, PA	PIONEER	33Y09	201.1	20.6	56.0	\$480.29
	Novartis	N6800BT	190.4	20.9	56.0	\$453.51
	Novartis	MAX454	190.5	19.3	56.0	\$459.95
23% ECB Planted 4/25/97 Harvested 10/24/97						

COOPERATOR	BRAND	HYBRID	YIELD	MST.	TEST WT.	INCOME / ACRE
Jay L. Todd Manheim, PA	PIONEER	3335	177.3	25.7	56.5	\$405.31
	Novartis	MAX454	161.3	22.6	56.0	\$378.83
	PIONEER	33V08	171.5	21.6	57.5	\$406.21
23% ECB Planted 5/1/97 Harvested 10/29/97						



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### Conference Registration

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_  
 County \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Guest \_\_\_\_\_

\*Registration fees through February 16  
 \$70 conferee; \$40 guest (2 days) \$ \_\_\_\_\_  
 \$45 conferee; \$25 guest (1 day) \$ \_\_\_\_\_

\*Registration fees after February 21  
 \$85 conferee; \$45 guest (2 days) \$ \_\_\_\_\_  
 \$55 conferee, \$30 guest (1 day) \$ \_\_\_\_\_

PFGC Awards Reception—\$12 \$ \_\_\_\_\_  
 Total amount enclosed \$ \_\_\_\_\_

One-Day Attendance \_\_\_\_\_  
 (which day)

\*Registration fee includes, lunch(s), breakouts, and conference proceedings/reference materials. Registration is limited, so register early.

**Make checks payable to:**  
 Pennsylvania Forage & Grassland Council

**Please return registration and fees to:**  
 Richard Hann  
 P. O. Box 355  
 Hershey, PA 17033

**Make lodging reservations by February 16:**  
 Call the Holiday Inn (1-717-469-0661) To receive the conference rate, be sure to mention that you are attending the Pennsylvania Grazing and Forage Conference PLEASE DO NOT include your room payment with registration