

Upcoming Cooperative Extension Pesticide Re-certification Meetings

| Event | Date | Time | Place | Contact For Info | Core/Cat |
|---|----------|---------------|--|--------------------------|----------|
| Keystone Farm Show Bird Pests | Jan 8-10 | 10:00 | York Fair/Expo Center | Paul Craig 921-8803 | 0+1 |
| Keystone Farm Show Crop Stages | Jan 8-10 | 11:00 | York Fair/Expo Center | John Rowehl 240-6500 | 1+0 |
| Keystone Farm Show Pesticide Effectiveness | Jan 8-10 | 1.00 pm | York Fair/Expo Center | Del Voight 270-4391 | 1+0 |
| Keystone Farm Show Pesticides/Soil | Jan 8-10 | 2:00 pm | York Fair/Expo Center | Mark Goodson 840-7408 | 1+0 |
| Franklin County Corn Clinic | Jan 22 | 9:00-2:30 | Kauffman Community Center | Jere Wingert 263-9226 | 2+2 |
| Cumberland Co. Crops Day | Jan 24 | 9:00-2:30 | Penn Twp Fire Hall | John Rowehl 240-6500 | 2+2 |
| Adams County Crops Day | Jan 28 | 9:00-2:30 | York Springs FH | John Rowehl 240-6500 | 2+2 |
| York County Crops Day | Feb 7 | 9:00-2:30 | York 4-H Center | Mark Goodson 840-7408 | 2+2 |
| Franklin Co. Crops/Soils Day | Feb 8 | 9:00-2:30 | Lemasters Comm Ctr | Jere Wingert 263-9226 | 2+2 |
| Dauphin County Crops Day | Feb 9 | 8:30-3:30 | Upper Dauphin HS | Paul Craig 921-8803 | various |
| Lebanon Co. Silage & Forage Expo | Feb 12 | 9:00-2:30 | Lebanon Fairgrounds | Del Voight 270-4391 | 2+2 |
| Adams Co. Silage & Forage Expo | Feb 13 | 9:00-2:30 | Adams Co Ag Ctr | Del Voight 270-4391 | 2+2 |
| Lancaster Co. Silage & Forage Expo | Feb 14 | 9:00-2:30 | Lancaster F & H Ctr | Del Voight 270-4391 | 2+2 |
| York County Pesticide Update | Feb 21 | 7:00-9:00 eve | Extension office | Mark Goodson 840-7408 | 2+2 |
| York County Pesticide Update | Mar 11 | 7-9 pm | Extension office | Mark Goodson 840-7408 | 2+2 |
| Cumberland Co. Pest Update | Mar 13 | 1-3 or 7-9 pm | Extension office | John Rowehl 240-6500 | 2+2 |
| Dauphin Co. Pesticide Update | Mar 26 | 7-9 pm | Upper Dauphin HS | Paul Craig 921-8803 | 2+2 |
| Dauphin Co. Pesticide Update | Mar 27 | 7-9 pm | Dauphin Co Ag Bldg | Paul Craig 921-8803 | 2+2 |
| Lebanon Co. Pesticide Update | Mar 27 | 2 or 6:30 pm | Lebanon Ag Center | Del Voight 270-4391 | 2+2 |
| Dauphin Co. Pesticide Update | Mar 28 | 7-9 pm | Lower Dauphin Nye Elementary School | Paul Craig 921-8803 | 2+2 |

Video/Web Drought Conference Jan. 28

HARRISBURG (Dauphin Co.) — On Jan. 28 from 1 p.m. to 3 p.m. there will be a statewide video/web Drought Conference to bring together local officials, agricultural and industry representatives, citizens and water suppliers to discuss current drought conditions and what would happen under Pennsylvania's new

drought regulations if the state moves into a drought emergency.

Sixty-two of Pennsylvania's 67 counties are now under a drought watch or warning — 31 counties under a warning and 31 counties under a watch. As drought conditions continue to worsen, this is an important time for water users to begin thinking about the steps they will need to take if a

drought emergency is declared.

The agenda for the Drought Conference will include presentations on the latest drought status information, a briefing on the drought regulations and related topics, and an opportunity to ask questions. The conference will be available in the auditorium of the Rachel Carson State Office Building in Harrisburg and in conference rooms in each of DEP's six regional offices as well as on the Internet through www.GreenWorks.tv; <http://www.GreenWorks.tv> for those who cannot attend one of DEP's offices.

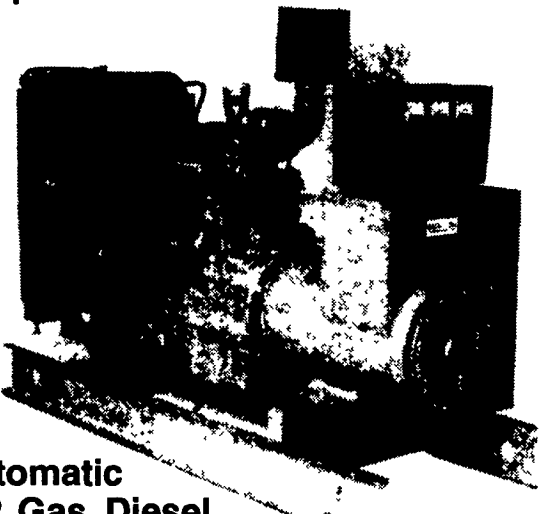
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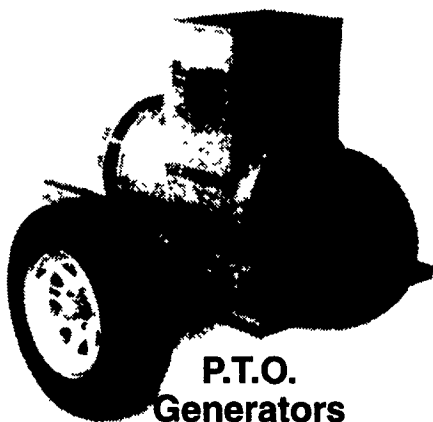


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Pa. Angus Association Meets During Farm Show

HARRISBURG (Dauphin Co.) — The 86th annual Pennsylvania State Farm Show began for Angus enthusiasts with the annual banquet. Approximately 90 Angus members and guests enjoyed a very snowy evening complete with the best of a roast beef meal.

Miss American Angus, Courtney Hill-Dukehart, attended the evening events. She helped to crown the new Pa. Angus Queen Jamie Hower, Bethlehem.

Others in the court include sweethearts for 2002, Katrina Frey, Quarryville; Kim Long, Airville; and Amanda Thompson, Wellsville.

Princesses will be Eliza Walton, Kennett Square; Hope Long, Airville; and Samantha Semrau, Millerstown.

Bill Powell presented Brett Bishard, York, with his Bronze and Silver Angus Awards. Outstanding Boy and Girl Awards were

presented to Kurt Long and Hope Long both of Airville.

The Family of the Year Award was presented to Rains Angus, Mercer. The Breeder of the Year Award was presented to Weaverland Valley Farms, New Holland.

Preferred pages for the upcoming directory were auctioned off and three bags of peanuts were auctioned off to benefit the Greg Krueger Family. The Junior Angus Association will be giving \$1,000 to the Krueger Memorial Scholarship Fund.

The election of officers was also conducted. The president is now Harry Bachman, Annville; vice-president, Dale Rains, Mercer; secretary, Barb Weaver, New Holland; and treasurer, Brad Bishard, York. Four directors were elected for three-year terms.

They are John Hausner, Dover; Ned Hower, Bethlehem; Fritz Frey, Quarryville; Cheryl Fairbairn, Coatesville.

Feeding Grain To Rainbow Trout

ABERDEEN, Idaho — Rainbow trout that flourish on grain-rich feed could be a plus for the environment and fish farmers alike. Fish geneticist Kenneth E. Overturf has pinpointed families of captive rainbow trout that thrive on grain.

Overturf is with the Agricultural Research Service's Small Grains and Potato Germplasm Research Unit at Aberdeen, Idaho, but is based at the University of Idaho's Hagerman Fish Culture Station in Hagerman. ARS is the chief scientific research agency of the U.S. Department of Agriculture.

Today's fish feeds, the fish farmer's biggest expense, are made with fishmeal from saltwater species such as anchovy, menhaden, jack mackerel or herring. Using more grain in fish feed would help prevent overfishing of these saltwater species.

Also, captive fish that gain weight when fed grain specially bred by ARS research geneticist Victor Raboy, based in Aberdeen, may help sidestep phosphorous pollution of ponds, lakes, streams

and rivers. Phosphorous pollution has been blamed for algal blooms that steal the oxygen needed by fish, insects and other aquatic dwellers.

Raboy has developed barley and other grains that contain less phytate, a form of phosphorous that is difficult for fish to digest. That means these fish excrete less phosphorous in their manure. Trout fed the special grains could also save fish farmers money, because grain is currently less expensive than fishmeal.

In all, Overturf has monitored growth of about 14,000 trout in tanks at the Hagerman station. He found that a significant percentage prospered on the grain-enriched feed. Some grew to a hefty 250 grams in as little as five months, making them equal in size to the biggest of their fishmeal-fed counterparts. Overturf and ARS technician Dan Bullock are now looking at trout DNA for a reliable indicator of the ability to gain weight and stay healthy on grain-based feed.

Attention Farmowners:

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