

Elizabethtown Farmers

(Continued from Page E2)

standing Farmer over 30 winners, while Gilbert and Sandy Martin received the Outstanding Farmer under 30 honors.

Crop awards went to the following members: Bob Brandt, alfalfa and clover hay; Dennis Drager, silage; Galen Kopp, corn silage; Gilbert Martin, barley grain; Joe Wivell, high moisture corn; and Gerald Risser, hay silage and grass hay.

Brothers Dale and Carl Brandt, Manheim, had the dairy herd with the greatest increase in both milk and fat. Ken Myer, Elizabethtown, won the high cow in milk, 26,847 pounds, and high cow in fat, 1,167 pounds, awards.

Appreciation awards were received by Ken Brandt and Sam Myer.

The guest speaker was Judy Schneider, of the Library of Congress, Washington, D.C. Ms. Schneider gave a lighthearted review of her job, which involves working with congressmen.

Greg Musser, a member of the Elizabethtown FFA Chapter, remarked on the chapter's Building Our American Communities (BOAC) project. Begun five years, the BOAC project is helping with the Elizabethtown Fair, which has grown from a carnival to farm show-type atmosphere, Musser said.



Crop production trophies are awarded to Elizabethtown Young Farmers, from left, Dennis Drager, silage; Bob Brandt, alfalfa and clover hay; Gerald Risser, hay silage and grass hay; Galen Kopp, corn silage; and Gilbert Martin, barley grain.

Light affects breeding cycle

NEWARK, Del. — Mares are seasonal breeders. In Delaware and surrounding states the breeding season for horses begins in mid-February and normally ends in mid-July. However, the physiological breeding season starts in mid-April and peaks in late May or early June, according to University of Delaware extension equine specialist, Mel Reitnour. During this period, mares usually experience regular heat periods, ovulating 24 to 48 hours prior to the end of heat.

Seasonal factors which influence a mare's estrous cycle include length of daylight, nutrition, and temperature. According to Reitnour, the ratio of daylight hours to darkness throughout the year acts on the optic nerve of the eye and, along with nerve impulses, affects the hypothalamus or pituitary

gland. The result is production of FSH (follicle stimulating hormone), which stimulates the production of estrogen, causing heat.

Artificial light can be used to increase the hours of daylight, thus inducing the estrous cycle to begin early. Artificial lighting will bring mares in season about six weeks earlier than normal, Reitnour says. Research shows that 16 hours of light per day will initiate estrus and ovulation. Artificial lighting for a mare that normally conceives on April 15 may get her in foal some time in February. This practice could produce two additional foals during the mare's lifetime.

The specialist recommends using a 200-watt light bulb in a box stall to extend hours of light to 16 daily. Light treatment started about December 1 should have

mares ready for breeding by the end of January or early February.

Use of artificial lighting has proved to be a successful way to improve the reproductive efficiency of barren and maiden mares.

DON'T BE SLOW 
Call Now To Place Your CLASSIFIED AD
 Ph: 717-394-3047 or 717-626-1164

FRANK A. FILLIPPO, INC.


— WANTED —

DISABLED & CRIPPLED COWS, BULLS & STEERS

Competitive Prices Paid

Slaughtered under government inspection

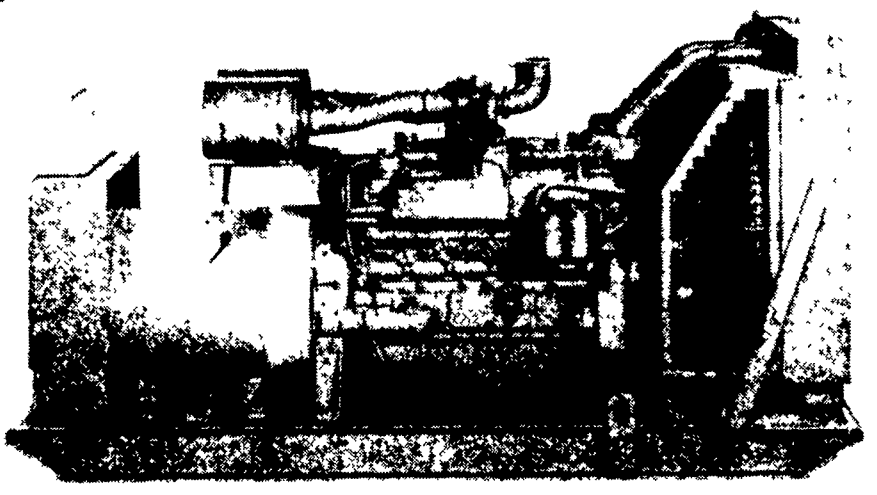
Call:
Frank Fillippo -
Residence - 215-666-0725
Elam Ginder - 717-367-3824
C.L. King - 717-786-7229

MAXI POWER 

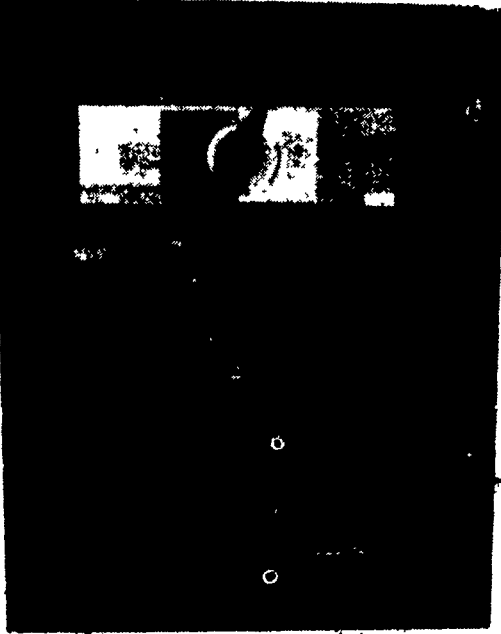
Generator Sets

Manufactured for Agriculture

• Air Cooled Units: 2 - 20 KW • Water Cooled Units: 7.5 - 1000 KW



Maxi-Power Generator has over 325 automatic units in South Eastern Pa. Why not check with the leader before buying!

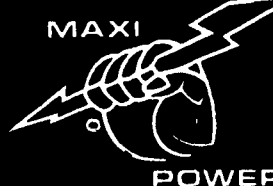


Automatic Transfer

Solid State Control Logic

Automatic Transfer Switch

- ★ Sales
- ★ Service
- ★ Rental
- ★ Used Units
- ★ Trade In Allowances
- ★ Switch Gear

MAXI POWER 

— THE ORIGINATOR OF AGRICULTURE SWITCH GEAR —

MAXI-POWER GENERATORS

330 FONDERWHITE RD. LEBANON, PA 17042
 717-274-1483
 ★ RADIO DISPATCHED TRUCKS ★ 24 HOUR SERVICE