

U. of Del. greenhouse prepares for ag day

NEWARK, Del. — Previous visitors to the University of Delaware's student-run Ag Day extravaganza are likely familiar with the College of Agricultural Sciences greenhouse. It's the site of one of the most popular of the day's activities, the bedding plant sale.

Once again, students and staff will be ready with a variety of plants when Ag Day rolls around on April 30, from 10 a.m. until 4 p.m., rain or shine, at Agricultural Hall in Newark.

Plants grown by David Frey's production and management students and by the Horticulture Club will be offered for sale on a first come, first served basis. Included will be cabbage, pepper, lettuce, tomato, and eggplant seedlings; sweet basil; assorted houseplants; and bedding flowers of many varieties including salvia, petunia, dianthus, snapdragon, ageratum, coleus, dusty miller, gazania, marigold, zinnia, and alyssum. Most plants, the by-products of classes, were grown by students for grades.

While Ag Day occurs once a year, greenhouse supervisor Paul Dennison keeps busy year-round growing plants for use in classrooms and by extension personnel in demonstrations as well as by Agricultural Experiment Station scientists in research.

For instance, Robert Carroll's plant pathology students grow plants in soil inoculated with fusarium fungus in the greenhouse, to observe the effects of different seed treatments on controlling disease. Other students inoculate tobacco and tomato plants with different viruses to become familiar with symptoms and learn about disease resistance.

William Mitchell grows weeds in the greenhouse to teach turfgrass management students the difference between Kentucky bluegrass and crabgrass. Paul Burbutis uses the greenhouse to

grow host plants for insects discussed in his entomology classes.

Maintaining healthy plants among the weeds, insects and diseases keeps Dennison's job challenging. He takes great pains to control the potential hazards, watering diseased plants with extreme care so that none of the water splashes healthy plants and infects them. He's also especially cautious about insects when Carroll works with viruses because aphids could spread disease throughout the greenhouse. He sterilizes all pots and tools that come in contact with diseased plants. The greenhouse contains a steam unit in which he pasteurizes infected soil and plant material before composting them.

Dennison gets requests for plants that commercial greenhouse operators rarely see. For example, field mustard is neither decorative nor tasty, but it reproduces more quickly than most other plants, and produces interesting, easy-to-spot genetic mutations. Dr. James Hawk's genetics students often use it for plant breeding experiments.

Hawk's graduate students also conduct corn breeding experiments in the greenhouse, while other researchers work there on soybean disease control, control of corn borers, and similar problems of importance to agriculture.

On the horticultural side, Charles Dunham finds the greenhouse handy to grow blooms for his flower arranging class. Annual plants are also started there and transplanted by Dennison to the gardens around Agricultural Hall, where Dr. Richard Lighty's students study them early in the fall semester to see how their colors and textures combine in a garden.

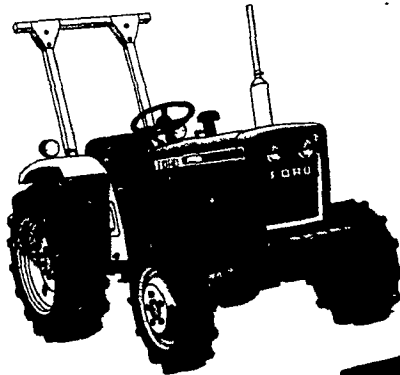
Extension 4-H agents Jim Moore and Mark Manno use the greenhouse classroom occasionally to teach 4-H club members how to force bulbs,

arrange flowers, and make wreaths and corsages. Dunham opens the classroom to FFA members from around the state for similar activities, as well as plant identification contests.

In addition to the plant sale, other Ag Day activities are aimed at families. There will be a children's pet show, pony rides, greenhouse and farm tours, crafts, exhibits, farm animals, a square

dancing demonstration, and a chicken barbecue dinner.

The event is free and open to the public. Tickets to the barbecue dinner will be available at the door.



GET A NEW
1000 SERIES FORD
TRACTOR WITH...

10³/₄%
ANNUAL
PERCENTAGE
RATE

48 month fixed-rate financing
through Ford Motor Credit Company.*

Buy any new Ford 1000 Series tractor and take delivery between now and June 30, 1983 and we can help arrange financing through Ford Motor Credit Company or other participating financial institutions for qualified buyers for up to four full years at the low fixed rate of

10³/₄% ANNUAL PERCENTAGE RATE. New related implements are also eligible when financed with your new Ford tractor.

A qualifying down payment or trade-in is required. Certain restrictions apply. *Physical damage and credit life insurance not included.*

*Or other participating financial institutions

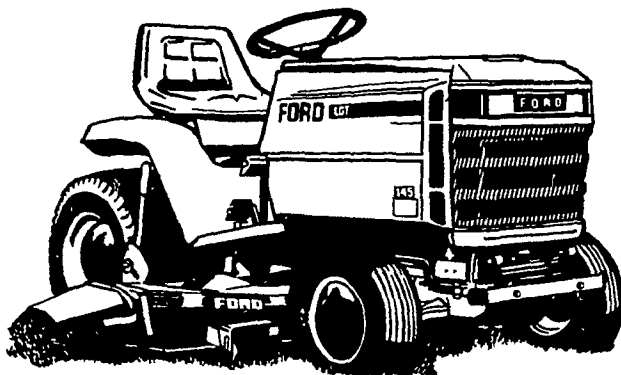
OR CHOOSE A CASH DISCOUNT!

Factory incentive allowances now make it possible for us to offer a cash discount on the purchase of

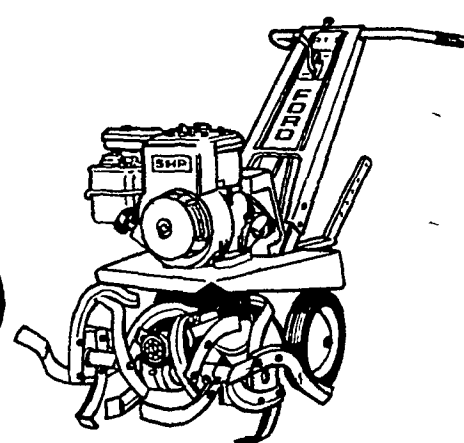
any 1000 Series tractor, in lieu of special financing. The choice is yours!

HURRY! OFFER EXPIRES JUNE 30!

These are limited time offers, so stop in soon for all the details and restrictions!



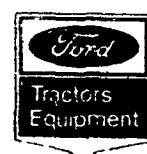
FREE MOWER
with purchase of a
10 to 16 HP Lawn &
Garden Tractor



SPECIAL PRICES
On Shaft And
Chain Drive Tillers!



KELLER BROS.



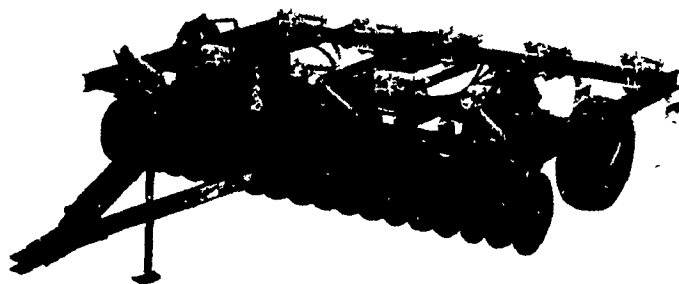
1921 TRACTOR CO. 1983
717-949-6501

Rt. 419 Between Schaefferstown & Cornwall, Lebanon County



READ
LANCASTER
FARMING
FOR COMPLETE
AND
UP-TO-DATE
MARKET
REPORTS

DON'T LOSE GROUND



Stay ahead with a Glencoe® Soil Saver®

- The original time, fuel, money and soil saving tillage tool
- In just one pass it chops, slices, digs, churns and blends crop residue into a uniform ridged surface that resists wind and water erosion
- There's a model to fit your needs—in cutting widths from 6'3" to 26'3"
- Exclusive 5 year limited warranty on both main frame and shanks

That's grounds for seeing your Glencoe Dealer today.

"For the name of your nearest dealer, please contact"

**HAMILTON
EQUIPMENT, Inc.**
567 South Reading Rd.
P.O. Box 478, Ephrata, Pa. 17522
Phone: (717) 733-7951

