

Stone Size Study E. M. Kroth, project leader in a study, reported at the annual Agronomy Field Day at the UMC Bradford Farm, that crop responses to varying degrees of soil acidity are also being observed. The study started in 1961 with

replicated plots on which treatments of lime of five different particle sizes were applied. Two rates of application of each size are used, three and six tons per acre. In order to observe the effects of annual applications of nitrogen fertilizer on the longevity of the lime treatments, the crops being studied are corn and alfalfa, the nitrogen being applied to the corn crop every year.

the soil pH during the first year or two following their application.

3. Soil pH values at the end of five years were essentially the same whether or not corn or alfalfa was grown. The application of nitrogen fertilizer to the corn crop apparently had little effect on soil pH.

4. There were no clear-cut crop yield differences among treatments of the different lime particle sizes.

5. Corn yields were only slightly increased by liming when the soil pH was lower than approximately 5.2. No differences were apparent between the three and six ton per acre rates.

6. Alfalfa yields were increased

by liming when the soil pH was less than approximately 5.7. The six ton per acre rate resulted in a slightly greater increase than the three ton per acre rate.

John Scott To Be National Grange Speaker

John W. Scott, Harrisburg, master of the Pennsylvania State Grange, recently was named a speaker for the 102nd meeting of the National Grange, Nov. 11-19 at Peoria, Ill.

Scott will be Grange spokesman in welcoming ceremonies the first day. He will serve also on several committees and as secretary, a position he has held with the National Grange since 1965. He will be accompanied by Mrs. Scott, a member of the health and education and other committees.

They will be members of a large Pennsylvania delegation, more than twenty of whom will participate in the national program in various capacities.

Heading the state's group will be a new state master who will be designated at the 96th Pennsylvania state meeting Oct. 21-24 at Butler. In keeping with a Grange tradition that limits the state mastership to three two-year terms, Scott will relinquish the post at that session upon election of his successor.

The new Pennsylvania master and his wife will be the official national convention delegates from this state. Other Pennsylvanians in attendance at Peoria will include candidates for the seventh (national) degree, highest in the order, and winners of State Grange talent contests who will compete for national honors.

Orville L. Freeman, U.S. Secretary of Agriculture, will address the annual agriculture banquet November 14.

1968 Special CATTLE & FEEDER CATTLE SALES



South Branch Stockyards, Inc., Moorefield, W. Va.

Friday, September 20, 7:30 P.M. D.S.T.

We will sell all kinds of cattle at this sale; Yearlings, Two year olds and Calves; Horny cattle; bulls, off breeds, anything.

WE WILL ALSO OFFER SEVERAL PUREBRED BULLS FROM THE LONGVIEW FARMS.

Friday, October 4, 7:30 P.M. D.S.T.

Demonstrational Sale. All calves in demonstrational sale will be graded and stamped. AFTER COMPLETION OF DEMONSTRATIONAL SALE, WE WILL SELL SEVERAL HUNDRED HEAD OF YEARLINGS, TWO YEAR OLDS AND HORN CATTLE.

Friday, October 18, 7:30 P.M. D.S.T.

Demonstrational Sale. All calves graded and stamped. No calves under 300 lbs. or over 600 lbs. No bulls or horny cattle accepted.

Friday, November 1, 7:30 P.M. E.S.T.

This is a clean up Sale. All kinds of cattle WILL BE OFFERED.

Sale sponsored by W. Va. Department of Agriculture and the South Branch Stockyards, Inc., Moorefield, W. Va.

FEEDER PIG SALE

SATURDAY, OCTOBER 5, 1968

1:30 P.M.

2½ miles south of Bethel from U.S. 22 and 6 miles north of Myerstown, Pennsylvania along U.S. 501.

300 - 350

40 - 60 Pounds Choice Feeder Pigs

Hamp-York-Duroc cross. All pigs are vaccinated for cholera and erysipelas. Castrated, wormed, sprayed for lice and mange. All pigs were raised on this farm. No outside pigs will sell on this sale. These are some of the finest quality pigs in the East.

Also 3 sows with litters.

NORMAN M. MARTIN

Route #1

Myerstown, Pennsylvania 17067

SPECIAL CATTLE SALES 1968

Abingdon Livestock Market, Inc.

Abingdon, Va. Phone 628-3551 — Area 703

Sale Every Thursday — All Classes Livestock

500-1000 lb. Native Steers — Native Steer-Heifer Calves

2nd Hfrd. STEER Sale—1494 Tue. SEPT. 17—7 p.m.

3rd STEER Sale (Angus)—1701 Tue. SEPT. 24—7 p.m.

Angus Feeder CALF Sale—997 Tue. OCT. 1—7 p.m.

4th Hfrd. STEER Sale—2900 Tue. OCT. 8—1 p.m.

State Feeder CALF Sale—1500 Tue. OCT. 15—7 p.m.

(Hereford and Angus)

Tri-State CALF Sale. (Hfd.)—2756 Tue. OCT. 22—1 p.m.

5th Hfrd. STEER Sale—2843 Tue. OCT. 29—1 p.m.

Bred Angus COWS & HFRS. Mon. NOV. 4—7 p.m.

Sponsored by Virginia Angus Association

Bred Hfrd. COWS & HFRS. Wed. NOV. 6—7 p.m.

Sponsored by Virginia Hereford Association

2nd Tri-State CALF Sale—1087 Tue. NOV. 12—7 p.m.

Tazewell Livestock Market, Inc.

Tazewell, Va. Phone 982-9921 — Area 703

Sale Every Monday — All Classes of Livestock

Feeder STEER Sale—1200 Wed. OCT. 9—7 p.m.

State Feeder CALF Sale—1050 Wed. OCT. 16—1 p.m.

Clinch Valley CALF Sale—950 Wed. OCT. 23—7 p.m.

PLEASE NOTE On all sales (at both markets) scheduled for 1 p.m. — cattle will be weighed-in the DAY BEFORE SALE. On all sales (at both markets) scheduled for 7 p.m. — cattle will be weighed-in and SOLD SAME DAY.

All cattle in the sales at both markets will be officially graded by Virginia Division of Markets. Check with your County Agent, the Sales Committee or the Markets for further information.

Indicates No Head 1967 Sales

For Additional Information Write or Call

Abingdon Livestock Market, Inc.

A FEDERALLY SUPERVISED MARKET
Abingdon, Va. 24210 Phone 628-3551 — Area 703

42 JERSEYS Pennsylvania National State JERSEY CLUB ANNUAL CONSIGNMENT SALE

Wednesday, Sept. 25th, 1968
1:00 P.M.

Farm Show Building, Harrisburg, Pa.

42 HEAD OF PRODUCTION BRED JERSEYS

FRESH OR SPRINGING FOR FALL MILK!

The average actual production of these 42 consignments with completed records is 9306 pounds of milk, mostly as 2 yr. olds.

These cows and bred heifers are the pick of the best Jersey herds in Pennsylvania plus out of state consignments from such herds as Vauclause, Marlu Farm, Gaywinds, Oakholm, Runkles, Green Dream, Tymor Farm, Fairweather Farm, etc. All T.B. & B.D. tested with health charts to go anywhere.

There will be plenty of close-up milk and quality Jerseys to suit the most fastidious Jersey owner, as well as good producing money making cows for the average farmer.

These Jerseys will help your test and add to your profits.

All cattle in the Sale will be eligible for the Pennsylvania All-American Show, and we expect some to stand at the head of the line.

SEE YOU AT HARRISBURG, WEDNESDAY,
SEPT. 25th, FARM SHOW BUILDING, 1:00 P.M.

Send for Catalogues

Tom Williams
2400 Fulling Mill Rd.
Middletown, Pa. 17057

Sale Manager
Bob Lord
Klondike Road
Dudley, Mass. 01570

Correspondence

Courses



BRING IN HOUSEPLANTS

As night temperatures drop into the 40's during September it's time to bring houseplants indoors.

Plants summered outdoors in sheltered spots make good growth. But don't expect plants of tropical origin to tolerate cool nights.

According to a Pennsylvania State University correspondence course on houseplants, those of tropical origin, like peperomias, philodendrons, anthuriums and gesneriads, are injured by 40-degree temperatures. If the thermometer drops into the low 40's just once, they may not die but they lose decorative value for a season.

Begonias and many others can be left out a little longer, but don't let frost touch them. Move all plants indoors before furnaces get going full force. Make the first move to an enclosed porch and a month later take the plants indoors.

To learn more about houseplants and their care, study the Penn State course. Send your name and address with \$3.00 to Houseplants, Box 5000, University Park, Pennsylvania 16802. A course copy comes to you by mail.

It takes some 300 wasps to weigh an ounce. They are experts at throwing their weight around, however.