

Growers To Meet Near Kutztown

KUTZTOWN (Berks Co.) — A twilight growers' meeting will be held here at the John Brubaker farm on May 4 at 6 p.m.

Topics covered will include cover crops, relay cropping, composting, and no-till soybeans without herbicide.

Since 1991, Brubaker has participated in a unique project with the Rodale Institute Research Center (RIRC) known as the Whole Farm Management Study. Through this study Brubaker and RIRC staff have looked at the effect that implementing low-input practices has on the whole farm, and at how well new practices work on a real farm.

Brubaker implements low-input farming practices on a portion of his farm, allowing researchers to monitor the effectiveness of those practices on a farm scale.

Researchers also look at Brubaker's beef feedlot to get a picture of how the livestock operation affects crop production. The growers' meeting will focus on several practices used on this study

site. One topic will be the use of hairy vetch as a cover crop. Brubaker and RIRC staff will discuss benefits and management of this cover crop and how this crop fits in Brubaker's crop rotation. A demonstration of no-till corn in this cover crop will occur.

Relay cropping is a soybean

production system incorporating soybeans and small grains which Brubaker has successfully used in the past. He will demonstrate that system as a part of this meeting and explain management of that system.

Brubaker and RIRC staff will discuss the farm's use of composting as a manure handling system

for the feedlot, and how the farmer adapts the system to match the farm's labor resource.

No-till soybeans without herbicide have been used successfully on the Brubaker farm in the past. A demonstration of this system will occur.

The meeting will occur rain or shine, and should last approxi-

mately one and a half hours. Field demonstrations may be changed depending on weather conditions.

The Brubaker farm is located just east of the Rodale Institute Research Center on Siegfriedale Road. There is no charge for this event.

For more information, contact Paul Sowden, (610) 683-1474.

Moisture, Temperature Keys

GOLDEN VALLEY, Minn. — Under ideal conditions, the earliest corn will emerge from the ground is five to six days after planting, said Jim Graeber, Northrup King Co., Illinois agronomist. However, Graeber noted that corn is seldom planted under optimal conditions, so growers need to adjust planting depth accordingly.

Adequate moisture and temperature levels are vital to seed germination and plant emergence, Graeber said. Because heat is usually the limiting factor early in the season, shallow planting is best.

Even then, it might take as long

as two weeks before corn plants emerge. Later in the season, when soil temperatures reach 55 to 60 degrees Fahrenheit, soil moisture becomes a limiting factor. In that case, Graeber said, the seed should be planted somewhat deeper.

In germination, the seed initially develops radical and lateral seminal roots. This temporary root system absorbs water to help the seedling emerge. At emergence,

the nodal roots begin to form. After the plant reaches the three-leaf stage, the permanent nodal roots take over in the uptake of water and nutrients.

When planting, key factors are uniform spacing, proper depth, and getting the kernels covered.

These are the seedbed conditions most ideal for helping the seed take up moisture and promoting fast growth.

On set-aside ground, where the potential is greater for insect damage, Graeber recommends delaying planting until after the ground is warmer.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

APRIL

SAT. APR. 23 - 9AM Farm machinery & household Held at Rt. 2 Box 2680, Smoketown Rd., Spring Grove, Pa. From Hanover, take Rt. 216 SE. approx. 5 1/2 miles, turn left onto Lakeview Rd., & go 1 mile to Smoketown. Or Take Rt. 216 NW of Glenville, approx. 2 -miles, turn onto Smoketown and go 2 miles to auction. Harold & Joan Snider, owners. Nevin E Tasto, auct.

SAT. APR. 23 - 9AM Municipal equip. & farm machinery, Rt. 60 Gerry Rodeo Grounds, Gerry, N.Y. From Rt. 17 James-town take Exit 12 N. on Rt. 60 approx. 5 miles. From NYS thruway exit 59 Dunkirk, proceed S. on Rt. 60 approx. 20 miles. Roy Teitworth, Inc., aucts.

SAT. APR. 23 - Consignment tractor auction. Alan Diefenbach, auct

SAT. APR. 23 - 10AM Next repossession sale, 200 repos off lease vehicles Keystone Public Auto Exchange. Kerry Pae, auct

SAT. APR. 23 - 10AM Garage Tools, Hand Tools, Parts, Misc At the garage at Exit 64, eastbound off Rt 17 Expressway (Southside Dr.) Owego, NY. Myron Sherwood, owner. Howard W Visscher, auct

SUN. APR. 24 - 1PM Bankruptcy auction, Located at Kells Korner Market, Corner of Rts 850 & 74 near Landisburg, PA Restaurant/deli-convenience store equip. & inventory, baseball card inventory, trucks. Kerry Pae, aucts.

MON APR 25 - 5PM Davis Trenching Machine, Heavy Shop Equip, Trailer, Heavy Duty Tools, etc Located taking US Rt 30 West of New Oxford, Pa, turn onto

the Bon-Ox Road and go to Kilpatrick Rd. or from PA Route 116 at Bonneauville, Pa - turn N. on Bon-Ox Road or from Gettysburg, Pa. - take US Rt. 30 East to Kilpatrick Rd., Jason Hoffman, owner. C. David Redding, auct.

TUES. APR. 26 - Short Notice Auction. Located At The Cochran Auction Complex, 7704 Mapleville Rd., Boonsboro, Washington County, Maryland, Just 4 Miles South Of Exit 35 Interstate 70 On Maryland Route At Boonsboro. James G. Cochran Auct.

FRI. APR 29 - 10AM Municipal Auction, conducted by Dingman & James, Lawrenceville, NJ. Vehicles & Equipment.

FRI. APR. 29 & SAT. APR. 30 - 10AM, Sat. - 9AM. 8 Cub Cadets & Parts Inventory, Trucks, IH Scout, Light Truck Inventory, Shop & Garage Equip., Tools,

Office Equip., & Safe. Owner, Bernice Bierly. Scott Younklin & Associates.

FRI. APR. 29 - 5PM Wurlitzer 78 rpm jukebox, toys, early adv., comic books, collectibles, furniture, baseball cards, Hubbell prints, frames, household goods. Brickerville Fire Hall, Lititz, Pa. Hopeland Rd., just off Rt. 322, W. of Ephrata. C.A. Caple Auct.

SAT. APR. 30 - 9AM Tractors, Equipment, Trailers. Taneytown Farm Equipment Spring Auction 3959 Old Taneytown Rd., Taneytown, Md. Rob Derfler, Nevin Tasto, aucts.

SAT. APR. 30 - 9:30AM Liquidation of Gene Hollick Electrical, Inc. Equipment, tools, and supplies. 241 Miller Lane, Williamsport, Lycoming Col, Pa. Route #180 take the Faxon Exit and Watch for Signs, right at the exit. Relf Auction.

SAT. APR. 30 - 10AM, Farm Machinery Auction. Located At Carl Rovenolt, 3 Miles East Of Watsontown Exit Of I-180, Northumberland Co., Follow Signs From Off Ramp. Michael P. Weaver, Auct.

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SHORT NOTICE AUCTION

Will sell the following located at the **COCHRAN AUCTION COMPLEX, 7704 Mapleville Road, Boonsboro, Washington County, Maryland** — just 4 miles South of Exit 35 Interstate 70 on Maryland Route at Boonsboro.

TUES. EVE., APRIL 26, 1994 5:00 P.M.

(2) Tractor Trailer loads of all types of NEW Hardware, Fixtures, Tools, Building Materials, Electrical & Plumbing Supplies, Office Equipment, Copy Machine, Display Fixtures, Cash Register & Computer System, and Many Other Items Not Mentioned.

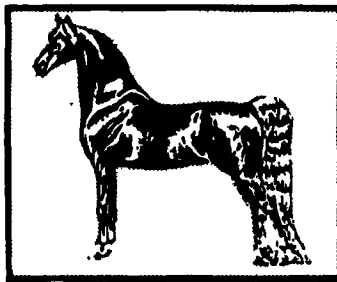
TERMS: Cash or approved check with positive identification. Not responsible for accidents. Lunch Rights Reserved.

AUCTIONEER: James G. Cochran
CLERK: T.E. Bikle



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SAT., MAY 7, 1994 - 10:30 A.M.

HORSES HITCHED AT 8:30 A.M. SHARP SALE HELD AT 834 WALLACE RD., NEW HOLLAND, PA. DIRECTIONS: FROM RT. 23 IN NEW HOLLAND, GO SOUTH ON BRIMMER AVE., GO 2 MILES SOUTH ON NEW HOLLAND ROAD TO HILL RD. TURN LEFT ON HILL RD. PROCEED 1.2 MILES TO SALE ON THE LEFT. FROM RT. 340 EAST OF INTERCOURSE TAKE NEW HOLLAND RD., 2.5 MILES TO HILL RD., RIGHT ON HILL RD. TO SALE ON LEFT.

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**To New Holland Horse Sale
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1 Reg. Belgian Stallion, 7 year old red sorrel with light mane and tail.

10 year old light gray Percheron Gelding, well broke, 18 hands.

(SEE ADDITIONAL PAGE E37)

EVENING LAWN & GARDEN AUCTION

Will sell the following located at **COCHRAN AUCTION COMPLEX, 7704 Mapleville Road, Boonsboro, Washington County, Maryland** — just 4 miles South of Exit 35 off Interstate 70 on Maryland Route 66 at Boonsboro.

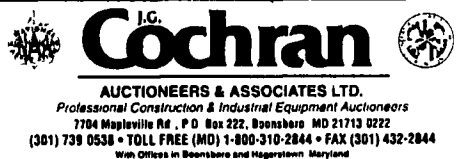
MONDAY, MAY 2, 1994 5:00 P.M.

INTERNATIONAL Mo. 2400 Tractor w/3 pt. Hitch, ROPS; **FORD Mo. 1200** Front End Loader (Loader Only); **GEHL Mo. 910** 3-Beater Self Unloading Wagon; **COBEY 3-Beater** Self Unloading Wagon w/Roof; (2) **Gravity Bin Wagons** on Running Gears; **NEW IDEA Mo. 214** Manure Spreader; **OLIVER Mo. 543** 4-Row No-Till Corn Planter; **OLIVER 5/4 Mo. 575** Bottom Automatic Reset Plow; **NEW HOLLAND Mo. 273** Haybaler w/ Kicker; **DEUTZ ALLIS Mo. SM70RC** Discbine; **NEW IDEA Mo. 5209** Discbine; **GEHL Mo. 115MX** Grinder Mixer; **NEW HOLLAND Mo. 36** Flail Chopper; **HESSTON Mo. PT7 7'** Haybine; **Heavy Duty** Offset Disk; 3 pt. Hitch Disk; **MASSEY FERGUSON 3 Pt. Hitch Rake**; **MASSEY FERGUSON 4-Row** Cultivator; (3) sets of 2-Bottom Plow; **JOHN DEERE Mo. 39** Sicklebar Mower; **Cub Disk**; **Cattle Waterers**; **Layoff Plow**; **Post Hole Digger**; **Trailers**; **LAWN & GARDEN EQUIPMENT** including **JOHN DEERE Mo. 318** Lawn & Garden Tractor w/Power Steering; **JOHN DEERE Mo. 314** Riding Lawn Mower; **JOHN DEERE Mo. 300** Riding Lawn Mower; **JOHN DEERE Commercial** Walk-Behind Mower; **Approximately 100** Riding Lawn Mowers of Various Makes & Models; **Rototillers**; **Lawn Rollers**; **Mower Decks**; **Push Mowers**- Some Self-Propelled; **Mower Decks**; **Dog Houses**; **Steel Drums**; **Band Saw**; **Wood Lathe** and Many Other Items Too Numerous to Mention.

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