

# Composted waste can save growers money

COLLEGE PARK, Md. — Commercial growers in the nursery, landscape, greenhouse and den center industries can improve plant quality, save money and conserve natural resources if they use composted waste for ornamental crops, according to a research scientist with the Maryland Agricultural Experiment Station.

Through advanced composting technology, municipal and agricultural waste can be converted into compost products in 60 days, says Francis R. Gouin, MAES researcher and professor of horticulture at the University of Maryland, College Park.

When used at recommended rates, these composted products can be used to improve depleted nursery soils, assist in reclaiming degraded areas and amend potting mixes for growing nursery and greenhouse crops," Gouin says.

In addition to substituting for

milled pine bark and some peat moss; the compost also will aid in reducing the lime and fertilizer needs of these industries," he says.

"Composted municipal and agricultural waste sludges are rich in nutrients essential for plant growth," adds Gouin. He points out however, that he is not recommending sludge compost for use on food crops for human consumption except for growing vegetable bedding plants for transplanting into the garden.

In a paper presented to the Biological Management of Industrial Wastes Symposium in Philadelphia last month, Gouin outlined current organic matter consumption by commercial growers.

In Maryland, growers from nursery, landscape, greenhouse and garden center industries use an average of 600 tons of organic matter each day, says Gouin. Most of the organic matter is in the form

of peat moss, milled pine or leafmold.

Most of that peat moss, he explains, is imported from the Canadian provinces of Nova Scotia and New Brunswick, while milled pine bark is trucked from the Carolinas.

"With an increasing number of ornamentals being grown in containers and greater use of raised planters in both interior and exterior landscapes, the demand for organic matter is likely to increase," adds Gouin.

By using composted waste, on

the other hand, Gouin says growers will maintain or improve the quality of their plants and save money while doing it.

At the same time, he adds, "they will be contributing significantly to the national efforts of conserving natural resources.



## Washington-Greene Co. DHIA ends 58th year

WASHINGTON — The Washington-Greene County DHIA closed its 58th year recently, with 71 whole-year herds in addition, nine Owner-Sampler herds completed the testing year.

The two counties' 3,299 cows produced an average of 13,848 pounds of milk and 528 pounds of fat.

Plainfield Farm of Carmichaels led the county in milk and was the only dairy with more than 700 pounds of fat. The Holstein dairy averaged 18,681 pounds of milk and 703 pounds of fat.

Members of the Washington-Greene County DHIA include President-Robert K. Lusk; Vice President-A.J. Celestine; Secretary-Treasurer-J. Walker Cowden; Directors-Clyde Robison, Sam Minor, Tollgate Farm, Robert Morgan, John Vettorel, Rex Smith, John Grice III, Don Rush, and James Kearns; Supervisors-Jane Litman, James Arbuckle, Leonard Plance, John Ripley, Cathleen Nishnick and William Lutes

Those herds averaging more than 600 pounds of fat are included in the following list.

Plainfield Farm	3	101.5	18,681	703
Harry R. Fehl & Sons	3	43.9	16,780	655
Mike & Robert Sustrick	3	52.6	16,098	652
H.G. & L.E. Smith	3	72.4	20,178	649
Jim & Holly McCaffree	3	38.7	16,921	649
Hamilton Hesel	3	58.9	17,175	640
Folly Hollow Farm, Inc	3	66.3	16,731	639
Ellen-Dale Farm	3	45.7	15,786	630
A.J. & James Celestine	2	58.0	13,766	624
Clyde & Robert Robison	4	100.1	11,644	610
Misty Lea Farm	3	56.0	15,532	603
William G. Dinsmore	3	31.4	16,471	603
Robert K. Lusk	4	24.3	12,327	602

## Sale Reports

A public auction of lawn and garden tractors, mopeds and snowmobiles was held Dec. 19 by Lawn Care of Penna., Daniel Z. Martin & Son, near Martindale, Lancaster

Co. Prices included: Kubota diesel tractor to \$2,200, Mopeds \$340 to \$370, Wheel Horse lawn tractor \$900, Grasshopper 12 hp. mower \$1,200, White

lawn tractor \$1,450, Ford tractor with loader \$3,200, snowmobiles \$300 to \$1,500 and snowmobile trailer \$480.

Sale conducted by Randal V. Kling & Lloyd H. Kreider.

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A sawmill auction was held Dec. 17 by Tycov Bolter Inc., on Route 15, 1 mile north of Covington.

The following prices were received: Corley sawmill \$1605, Beloit hyd. elec. debarker \$1,700, vertical edger \$1,400, Mellott live belt deck \$1,500, Simonds 54" sawblade \$450, slab saw \$2,400, barn cleaner \$1,000, Ford 8000 lift truck \$4,000, Ford 4500 lift truck \$3,400, and log deck \$2,700.

Managed & sold by Dick Crittenden Auction Co.

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A public auction of four properties was held Dec. 14 for the estate of William G. Randler in northern Lancaster County.

The No. 1 property was 18.23 acres in Clay Township and was sold for \$47,500.

The No. 2 property was 10 acres and was also in Clay Township. It brought \$18,000.

The No. 3 property was a 42,295 sq. ft. wooded lot in West Cocalico Twp. and was sold for \$5,000.

The No. 4 property was a 61.29 acre farm and farm improvements and was sold for \$108,000.

Auction conducted by John E. & Paul E. Martin, Aucts.

### HOLIDAY SCHEDULE:

**CLOSED THURSDAY DECEMBER 24 AT 3:00 PM, REOPENING MONDAY, DECEMBER 28 at 7:30 A.M.**

**CLOSED THURSDAY DECEMBER 31 AT 3:00 PM, REOPENING MONDAY, JANUARY 4 at 7:30 A.M.**

**FARMERSVILLE EQUIPMENT INC.**

RD 4, East Farmersville Road  
Ephrata, PA 17522  
Located in the Village of Farmersville,  
Lancaster County  
**717-354-4271**

### ABSOLUTE SALE OF FARM EQUIPMENT AND TRACTORS SATURDAY, JANUARY 2, 1982 At 10 A.M.

Tractors: IH 1066; IH 450 D; IH 806; Farmall M, new tires; Farmall 240; Farmall H; IH 340 utility; Ford 2000, 1100 hours, like new Ford 4000, motor overhauled, 20 hours; JD MT w/plow, cultivator, mower and corn planter; JD B 2 McCormick 1020 antiques; MM-MF wide front and 3 pt.; AC G w/cultivator and plow, hydraulic; MF 35 and 135; some parts tractors; Case skid steer loader; Case 310 crawler, 3 Pt. backhoe.

JD 480 haybine; JD 1440 no-till planter; NH 69 baler w/thrower; NH super 66; baler P.T.O.; JD 660 rotabar rake; Oliver rotabar rake; NH rotabar rake; disc harrows, pull type, transport and 3 pt.; Gravity bins; wagons; IH 2 row potato planter, 3 pt. cultivator; NI 323 picker; chisel plow; 3 pt. plows; New 3 pt. fertilizer spreaders; 6 ton wagons; gravity bins; 6' and 7' scraper blades; 5' rotary mower and boom poles; wheel weights; used tractor tires; AC model G combine and corn head; Farm trailers, 2 row JD 290 planter; Smoker elevator; snow plows and snow buckets.

This is only a partial listing! Some items may be deleted and others added due to daily business.

Sales manager and Auctioneer:  
Blaine N. Rentzel  
York County Farm and Industrial Equipment Co., Inc.  
Exit 10 or 11 off I-83, 4 miles north of York, PA on Rt. 181, Box 222, Emigsville, PA 17318  
Phone 717-764-6412  
764-5115

With warm gratitude, we wish you peace and ask His blessing for you during this Special Season and throughout the New Year!

**case**

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Daily market Report - Phone 717-354-7288  
Abe Diffenbach, Manager

### SPECIAL HORSE SALE DRAFT HORSES, MULES & DRIVING HORSES FRIDAY, JANUARY 8th

Tack 9:00 A.M.  
Sale 10:00 A.M.

**AT NEW HOLLAND SALES STABLES, INC.**  
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

2 Loads Draft Horses, Mules and Driving Horses consigned by Ward Wright.

1 Load Draft and Driving Horses consigned by Bud Leonard.

1 Load Standardbred Driving Horses consigned by Jonas Beiler.

1 Load Saddlebred Driving Horses consigned by Don Boring.

1 Load Standardbred Driving Horses consigned by Clayton Waterbury.

1 Load Standardbred Driving Horses consigned by Reuben G. Stoltzfus.

1 Load Saddlebred Driving Horses consigned by Ben King.

1 Load Draft & Driving Horses consigned by Chap Stealman.

1 Load Draft Horses consigned by Christ Smucker.

1 load Draft Horses and Mules consigned by Norman Kolb.

1 load of Draft Horses consigned by Steve Meadows.

Plus many more consignments.

For more information contact:  
Abe Diffenbach, Mgr. Norman Kolb  
717-354-4341 717-397-5538  
Next Horse Sale, Friday, Jan. 22, 1982