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Informational Meeting, John Martin's Manor, Waterville, Maine, 7:30 p.m. Also Miner Institute, W. Chazy, N.Y.; 7:30 p.m.

Dairy Quality Assurance Training, Taylor's, Wyalusing, thru May 20, (717) 265-2896.

Ohio Woodland Stewards program, "Exploring Your Forest," Lead's Farm, Ostrander, Ohio, (614) 688-3421.

State Environthon, Penn State's Mt. Alto Campus, Franklin County, thru May 20, (717) 783-3167.

Tuesday, May 20

Spring Equine Workshop, Montgomery County 4-H Center, Creamery, 7 p.m., (610) 489-9277.

Milk Quality and Stray Voltage Workshop, Watertown Inn and area dairy farm, Watertown, thru May 21, (570) 538-1832.

S.E. Pa. Wine Technology meeting, Lancaster Farm and Home Center, Lancaster, 2 p.m.-5 p.m., (717) 234-1844.

Farm and Home Foundation Scholarship Awards Program, Farm and Home Center, 6:15 p.m.

Round Pen Training for All Horses, Wilton Brook Farm, Cataaugus, 7:30 p.m., (610) 837-72-94.

CWT Informational Meeting,

Holiday Inn, Bangor, Maine, 7:30 p.m.; Eastside Restaurant, Newport, Vt., 7:30 p.m.; Interlaken Inn, Lakeville, Ct. 7:30 p.m.; Best Western, Canton, N.Y., 9:30 a.m.; Harvest Drive Restaurant, Intercourse, 7:30 p.m.; Yoder's Restaurant, New Holland, 10 a.m.

Lancaster, York Fruit Growers' Twilight meeting, Cherry Hill Orchards, Lancaster, 6:30 p.m.

Penn State Equine Workshop, Montgomery County 4-H Center, Creamery, 7 p.m.-9:30 p.m., (610) 489-4315.

Wednesday, May 21

Drinking Water Workshop, Northampton Twp. Cultural Center, Richboro, 1:15 p.m.-4:45 p.m., (267) 468-0555.

Woodland Owners of Southern Alleghenies tour, Herr property outside Everett, 11 a.m., (814) 735-3855.

11th Annual Forensic Entomology Short Course, Penn State Frost Entomological Museum, thru May 23, (814) 865-5392.

CWT Informational Meeting, VFW, Manchester, Vt. 7:30 p.m.

Horse Pasture Walk, Merry Acres Farm, Ellicott City, 7 p.m.-9 p.m., (410) 313-2702 or (410) 489-8987.

Thursday, May 22

Small Fruit Twilight meeting, Meadow View Farm, Bowers, 6:30 p.m.-dark, (610) 378-1327.

Drinking Water Workshop, Towamencin Twp. Community Room, Lansdale, 1:15 p.m.-4:45 p.m., (267) 468-0555.

Winter Squash Growers Risk

Management Policy Session, Lancaster Farm and Home Center, 1 p.m.-3 p.m., (877) 245-6442, ext. 8128.

CWT Informational Meeting, Holiday Inn, Park Road, Batavia N.Y., Rotarian Building, Greencastle, both 7:30 p.m.

Public Hearing Milk Marketing Board 1,2,3,4,5,6, Room 202, Agriculture Building, Harrisburg, 9 a.m., (717) 787-4194.

Spring Crops Twilight Tour, University of Maryland Wye Research Center, Queenstown, Md., 6:30 p.m., (410) 827-7388.

Spring Twilight meeting at K. Schlegel Fruit Farm, Northumberland County, 6-8:30 p.m., (570) 837-4252.

PASA Farm Workshop "Planning to Succeed," Maple Hill Farm, Lincoln University, 10 a.m.-3 p.m., (814) 349-9856, ext. 6.

Bradford County Holstein Club meeting, Extension Office, Towarda, 8 p.m.

Friday, May 23

CWT Informational Meeting, Pine Run Grange Hall, Williamsport, 7:30 p.m.

Cambria County Farm Safety Day, Jackson Twp. Elementary School, 9 a.m.-2 p.m.

"Name that Tree" class, Ohio Woodland Stewards, (614) 688-3421.

Saturday, May 24

Sunday, May 25

Monday, May 26

Memorial Day.
Lancaster Farming office closed.

Tuesday, May 27

XIV Global Warming International Conference and Expo, Boston, Mass., thru May 29, (630) 910-1551.

CWT Meetings, Holiday Inn, Maine St., Concord, N.H., 7:30 p.m.; Best Western, Washington St., Watertown, N.Y., 7:30 p.m.; Bart Fire Hall, Georgetown, 7:30 p.m.

Wednesday, May 28

Lancaster County Pasture Walk, Garber Dairy Farm, Elizabethtown, 10 a.m.-1:30 p.m., (717) 367-2141.

CFI Meeting, Kent Public Works Complex, Chestertown, Md., 8:30 a.m., (410) 778-1661.

Tri-County Conewago Creek Association meeting at Lawn Fire Company, 7 p.m., (717) 214-7928.

CWT Informational Meetings, American Legion, Prospect St., Hatfield, Mass., 7:30 p.m. Also Morrisville, N.Y., SUNY Morrisville; 7:30 p.m.; Elks Club, Lowville, N.Y., 7:30 p.m.; Ross Grange Hall, Falconer, N.Y., 7:30 p.m.; New Midway Fire Hall, New Midway, Del., 10 a.m.; Pleasant Valley Community Center, Oakland, Del., 7:30 p.m.; Tioga County Fairgrounds, Whitneyville, 10 a.m.; Elk Lake Fire Hall, Elk Lake, 7:30 p.m.

Thursday, May 29

Philadelphia County Fair, thru June 8, (321) 6 33-4028.

CWT Info Meeting, Elks Club Lodge, Greenwich, N.Y., 7:30 p.m.; Tally Ho Restaurant,

Kanona, N.Y., 10 a.m.; VFW, Cuba, N.Y., 7:30 p.m.; Towanda Country Club, Towanda, 10 a.m.

Friday, May 30

National Chicken Cooking Contest, Baltimore Convention Center, (302) 856-9037.

CWT Info Meeting, Lebanon Expo Center, Lebanon, 7:30 p.m.

Ohio Woodland Stewards "Name that Tree" program, Muskingum County, (614) 688-3421.

Saturday, May 31

Penn State Garden Forum, University Park, Penn State University, all day, (814) 863-0918.

North Star Prospect, Clinton County Fairgrounds, (570) 321-5653.

Sunday, June 1

Rabbit Show, Penn State Ag Arena, (814) 863-0835.

New York State Dairy Foods, Inc. and Pa. Assoc. of Milk Dealers combined conference, Hilton Hotel, Lake Placid, N.Y., (315) 452-6458.

John Deere Antique Tractor Show, St. Peter's Church, Seisholtzville, (215) 679-6592.

Monday, June 2

Geographic Informational Sciences Conference, Towson University, Towson, Md., thru June 3.

CWT Informational Meeting, Middletown Holiday Inn, 7:30 p.m.

Orchardists Focus On This Season's Fruit

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Krawczyk.

However the treatment also requires washing of fruit, unless it is applied early in the season and allowed to wash off by harvest time.

George Perry, horticulture extension agent, covered sprayer calibration. There are various ways to calibrate sprayers, he said, and he offered a simple way for producers to calibrate their equipment.

One way to measure miles per hour on the tractor is to measure a distance of 88 feet.

The producer should drive the tractor across the distance at the same speed that they will spray. Measure the seconds that it takes to go 88 feet, said Perry. The time is then divided into 60 to get the miles per hour.

For example, if it takes 15 seconds to go the distance, and 15 divided into 60 is four, then the speed is four miles per hour.

"There's no such thing as a right speed or a wrong speed. It's whatever you are comfortable with," said Perry. However "four miles an hour is pretty common and you'll have good control."

At four miles an hour with a four-foot-wide swath, the sprayer will cover an acre in 31 minutes.

Perry also recommended setting the nozzle of the sprayer and then catch water for one minute. Multiply the amount of water times 31, which equals the gallons per acre.

"The most important thing is knowing how much water you're going to need per acre. Get the gallons per acre of water, then add your active ingredient," he said.

Record-keeping is important, according to Perry. "Over the years, pumps and nozzles change," so not only calibrate your sprayer but keep your records, he said.

Tom Callahan, director of sales, Adams County Nursery, Inc., dis-

cussed apple rootstocks.

The main dwarfing rootstocks in the industry right now are the M 9, Bud 9, and the M 26 in apples.

For intermediate size "the EMLA 7 rootstock is still the workhorse for a semi-dwarf size tree," he said.

EMLA 111, EMLA 106, and Bud 490 are the large semi-dwarf rootstocks.

In addition, "there are several new Cornell rootstocks that are on the horizon that are known as the CG series but are still considered to be in the testing stage," he said.

Commercially available are CG 16, an M 9 size tree, and CG 30, an EMLA 7 size tree.

"We (Adams County Nursery) recommend them only for trial purposes, mainly because we're still trying to find their faults.

"There are newer CG series that will replace them and will be commercially available in the next 3-4 years," he said.

Backbone apple rootstocks are still the M 9, the Bud 9, a full dwarf; the EMLA 26 and the (M 9) EMLA 111 interstem rootstock, a stronger dwarf. The EMLA 7 (EMLA 106), EMLA 111 are semi-dwarf, according to Callahan.

"The newer CG series that we're looking at are the CG 41 (an M 9 size tree), the CG 11 (an M 26 size tree), the CG 935 (an M 7 size tree), and CG 707 (an M 111 size tree)," said Callahan.

Other rootstocks that show promise are the Vineland series: V3 (a size M 9 tree) that is fire blight resistant and the V 1 rootstock (an EMLA 7 size tree) that is also fire blight resistant and more precocious -- it bears fruit at an earlier tree age.

These rootstocks are commercially available on a limited basis this year, said Callahan.

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