

Agricultural Report

Connecticut Department of Agriculture

M. Jodi Rell, Governor
F. Philip Prelli, Commissioner
Robert R. Pellegrino, Bureau Director

CONNECTICUT
GROWN



Marketing & Technology Bureau, (860) 713-2503

Jessey Ina-Lee, Editor

Wednesday, January 27, 2010

NOTES from the DEPARTMENT . . .

THE DEVELOPMENT OF B2, A BROADLEAF TOBACCO HYBRID WITH RESISTANCE TO MULTIPLE PATHOGENS

Dr. J. A. LaMondia, Chief Scientist, The Connecticut Agricultural Experiment Station Valley Laboratory, Windsor, CT.

The Connecticut Agricultural Experiment Station Valley Laboratory was established in 1921 (as the Tobacco Substation), to combat tobacco problems and diseases such as wildfire, a devastating disease caused by a bacterial plant pathogen. Wildfire was eventually eliminated by the development of plant resistance, and ever since, tobacco breeding to incorporate genetic plant resistance to plant pathogens has been ongoing. Plant resistance to major pathogens is the most economical, environmentally responsible, and often most effective way to control plant diseases. The development of plant resistance to Tobacco Mosaic Virus (TMV) in the 1950's, to ozone damage (weather fleck) in the 1960's, black shank in the 1970's, and Fusarium wilt in the 1980's and early 1990's effectively controlled serious diseases which each threatened to seriously impact or even wipe out cigar wrapper tobacco production in the Connecticut River Valley.

There are currently a number of pathogens that threaten the crop. The tobacco cyst nematode (TCN) *Globodera tabacum* was first discovered in Hazardville CT in 1951 and has since spread throughout the Valley. It can cause significant losses in shade and broadleaf cigar wrapper tobaccos in Connecticut and Massachusetts. Chemical controls use toxic and expensive fumigants and nematicides, so I determined early on that breeding for TCN resistance would be a new objective and a high priority of any breeding program that I conducted. All broadleaf tobacco lines need to be resistant to Fusarium wilt as that disease is widespread and readily kills susceptible plants. Tobacco Mosaic Virus (TMV) is also a common pathogen that can persist in soils for years and can cause economic losses. Resistance to TMV is determined by a single dominant gene and resistance to Fusarium wilt is the result of accumulating a number of smaller-effect genes. Resistance to both pathogens can be transferred from adapted broadleaf tobacco and can be easily selected for. Resistance to the TCN is also a single dominant gene (determined as a result of my research) but the source of resistance was a wild tobacco type. Resistance was transferred to flue-cured tobacco resulting in poorly adapted and very different tobacco from our cigar wrapper types. Many generations, hard selection and some luck was required to transfer nematode resistance to broadleaf without the deleterious traits associated with it.

Initial crosses for cyst nematode resistance were made in 1987 between two flue-cured tobacco lines that were obtained from cooperators in Virginia. The lines were VA-81 and PD-4 (which each carried resistance to the Tobacco cyst nematode but were unmarketable as cigar wrapper tobacco, or even as flue-cured for that matter). Both lines were crossed with three

selections of Connecticut broadleaf inbreds. These inbreds were made at the CAES between C2 and three agronomically desirable broadleaf inbreds that were susceptible to all diseases. C2 is a variety that was developed with resistance to Tobacco Mosaic Virus (TMV) that coincidentally carried resistance to Fusarium wilt. It was used as a source of wilt resistance in developing broadleaf lines such as C9. C2 was developed by the CAES and released in 1961.

The initial hybrids between CT and flue-cured types were backcrossed twice to CT broadleaf to restore broadleaf characteristics, and then inbred over 10 generations. Plants were selected for agronomic type under field conditions using a system of modified single seed descent in which only the top 2% of plants (20 plants of 1,000 grown) were selected for the next generation. Plants were additionally selected for TMV and TCN resistance in greenhouse screens. The resulting inbred (F10 generation) was not of suitable quality, so it was backcrossed again to the broadleaf variety 'Scantic' (A7) and again selfed to an inbred using pedigree selection with field and greenhouse selection for resistance and agronomic broadleaf tobacco characteristics. The resulting inbreds were progeny tested to select plants with stable homozygous resistance to TMV and the TCN and were evaluated for Fusarium wilt and blue mold resistance.

The result of this breeding program was 27 generations of selection for broadleaf agronomic characteristics with 8 cycles of selection each for Fusarium wilt, TMV and TCN resistance. The male-sterile F1 hybrid B2 is highly resistant to Fusarium wilt, TMV and the TCN. An unexpected benefit that we discovered was that the TCN-resistant inbred parent used to make the B2 hybrid was fairly resistant to blue mold and the B2 hybrid itself was also moderately resistant to the disease. Blue mold leaf spot, caused by the downy mildew pathogen *Peronospora tabacina*, can cause significant losses. As a result, growers must apply fungicides on a regular basis to protect against the disease. When compared to the highly resistant tobacco varieties NC 2000 and NC 2002 developed in North Carolina, the moderately resistant varieties KT 200 and KT 206 developed in Kentucky and Tennessee, and susceptible C9 broadleaf in the same experiment, B2 was intermediate to the highly resistant NC lines and moderately resistant KT lines. I assume that this resistance was conferred by the VA-81 or PD-4 parents and carried through the selection process along with TCN resistance. This may not be totally unexpected as resistance genes are often clustered together on certain chromosomes and can be carried along with selection for resistance to other diseases. For example, the Cuban dark-fired variety H2000 was bred for blue mold resistance but is also resistant to the TCN in our tests. Fusarium wilt resistance was carried into com-

TOBACCO HYBRID CONTINUED ON PAGE 3

NORTHEAST EGG PRICES U.S.D.A.
January 25, 2010

Prices To Retailers, Sales To Volume Buyers,
 USDA Grade A and Grade A, White Eggs In
 Cartons, Warehouse, Cents Per Dozen

EXTRA LARGE	129-133
LARGE	127-131
MEDIUM	99-101

MIDDLESEX LIVESTOCK AUCTION

Middlefield, CT, January 25, 2010

Live animals brought the following average
 prices per cwt.:

	Low	High
Bob Calves:		
45-60 lbs.	15.00	18.00
61-75 lbs.	22.00	25.00
76-90 lbs.	24.00	26.00
91-105 lbs.	27.00	28.00
106 lbs. & up	30.00	35.00
Farm Calves	40.00	150.00
Veal Calves	50.00	77.50
Open Heifers	60.00	65.00
Feeder Steers	50.00	60.00
Beef Steers	86.00	88.00
Stock Bulls	56.00	70.00
Beef Bulls	59.00	75.00
Hogs,Barrows and Gilts	1 @	60.00
Feeder Pigs each	35.00	55.00
Sheep each	85.00	100.00
Lambs each	75.00	180.00
Goats each	110.00	150.00
Kid Goats each	70.00	85.00
Canners	Up to	47.50
Cutters	48.50	52.00
Utility Grade Cows	53.00	58.00
Rabbits each	4.00	13.00
Chickens each	6.00	25.00
Ducks each	11.00	19.00

Provided by Middlesex Livestock Auction.

NEW HOLLAND LIVESTOCK AUCTION

MONDAY, January 25, 2010

Bulk/High/Low Dressing

SLAUGHTER COWS:

Premium White	65-75% lean	
48.00-51.00	52.00-53.75	-----
Breakers	75-80% lean	
46.50-49.00	-----	-----
Boners	80-85% lean	
44.00-46.50	-----	41.50-43.00
Lean	85-90% lean	
39.00-44.00	44.50-46.00	35.00-38.50

SLAUGHTER BULLS: Yield Grade 1

1050-1540 lbs	58.00-62.50
1710-2095 lbs	55.00-60.50
Bullocks: 905-1345 lbs	68.00-73.00
high dress 1190-1430 lbs	76.00-84.00
low dress 745-1055 lbs	61.00-66.00

SLAUGHTER LAMBS: Woolled & Shorn

Choice and Prime 2-3	
40-60 lbs	160.00-180.00
60-80 lbs	150.00-172.00
80-90 lbs	140.00-156.00
90-110 lbs	134.00-150.00
110-130 lbs	120.00-134.00
130-150 lbs	116.00-128.00
Choice 2-3 40-60 lbs	140.00-160.00
60-80 lbs	122.00-146.00
110-130 lbs	96.00-110.00

FRESH FRUITS & VEGETABLES

NEW ENGLAND GROWN

APPLE CIDER, 4/1 gal	13.00	13.00
APPLES, Empire bu 2-1/2 up no grade	10.00	11.00
APPLES, Fuji 88 ct fcy	18.00	18.00
APPLES, Gala fcy 100 ct	15.00	15.00
APPLES, Red Delicious 120ct fcy	14.00	14.00
POTATOES, 10/5lb sz a	9.00	10.00
POTATOES, Round white 10lb sz A	1.25	1.30
SQUASH, Acorn 1-1/9 bu lge	12.00	14.00
SQUASH, Acorn organic 40lb	29.00	29.00
SQUASH, Buttercup 1-1/9bu	14.00	14.00
SQUASH, Butternut 1-1/9 bu lge	16.00	16.00
TOMATOES, Greenhouse 11 lbs on vine lg	25.00	25.00
TURNIPS, Purple Top 25lb	12.00	12.00

SHIPPED IN

ANISE, 24ct CA	35.00	36.00
APPLES, Cameo us exfcy,80ct	27.00	29.00
APRICOTS, 72ct CHILE	26.00	26.00
ARTICHOKES, 30ct CA	34.00	36.00
BEANS, Green bu handpicked MX	46.00	48.00
BEETS, 12's TX	13.00	15.00
BOK CHOY, 30lb CA	23.00	24.00
CABBAGE, green 50lb CAN	13.00	14.00
CARROTS, 48/1-lb bags Organic GA	42.00	42.00
CAULIFLOWER, 12ct AZ	18.00	18.00
CORN, 4-1/2 doz FL	26.00	28.00
CUCUMBER, 1 1/9bu med MX	21.00	22.00
GARLIC, 30lb #10 CAL	55.00	55.00
GRAPEFRUIT, Red 40ct FLA	13.00	14.00
LEMONS, 115ct AZ	25.00	26.00
LETTUCE, Boston 12/4oz ghouse CAN	14.00	14.00
LETTUCE, Green leaf, 24ct AZ	14.00	15.00
MUSHROOMS, 10lb White med PA	15.50	15.50
NECTARINES, 48-50 CHILE	20.00	20.00
ONION, Yellow 50lb med NY	11.00	12.00
ORANGES, Navel 88's TX	17.00	18.00
PEACHES, 44ct CHILE	20.00	23.00
PEPPER, Bell Green xl FL	14.00	18.00
TOMATOES, 5x6 FL	23.00	24.00

Above quotations are based on Boston Terminal Prices

SLAUGHTER EWES: Good 2-3: Medium Flesh

120-160 lbs	68.00-82.00
160-200 lbs	62.00-80.00
200-300 lbs	60.00-72.00
Utility 1-2: Thin Fleshed	
120-160 lbs	50.00-68.00
SLAUGHTER GOATS: All goats are Selection 1	
sold by the head, estimated weights.	
Kids: 40-60 lbs	40.00-74.00
60-80 lbs	75.00-98.00
80-100 lbs	92.00-110.00
100-130 lbs	116.00-156.00
Nannies/Does: 80-130 lbs	76.00-94.00
130-180 lbs	86.00-106.00
Bucks/Billies: 100-150 lbs	144.00-158.00
150-250 lbs	162.00-180.00

NEW HOLLAND, PA HOG AUCTION

Mon January 25, 2010 - Hogs sold by actual
 weights, prices quoted by hundred weight.

Percent Lean	Weight	Price
49-54	220-270 lbs	62.00-65.00
	270-300 lbs	62.00-66.00
	300-350 lbs	66.00-69.00
45-49	220-270 lbs	58.00-61.00
	300-400 lbs	49.00-52.00
Sows: US 1-3	450-700 lbs	41.00-45.00

**METROPOLITAN AREA
 U.S.D.A.**

NEW YORK PRICES

WHITE EGGS

TO RETAILERS

For 1 dozen,
 Grade A eggs on:
January 25, 2010

EXTRA LARGE	136-140
LARGE	134-138
MEDIUM	106-110

Above quotations based on
 CARTON sales to retailers.



NEW BEDFORD

**WHALING CITY SEAFOOD
 DISPLAY AUCTION**

SEA SCALLOPS LANDINGS &
 PRICES IN 1,000 LBS

DATE 1/21/10 - PRICES INCLUDE DEALERS' FEES			
SPECIES	SEA SCALLOPS		
LBS MIN	HIGH		
10/20CHANNEL	0.8	725	725
20/30	0.9	620	625
20/30 MID ATL	1.9	565	610
30/40	1.1	565	565

NEW BEDFORD

**WHALING CITY SEAFOOD
 DISPLAY AUCTION**

FISH LANDINGS & PRICES IN
 1,000 LBS & \$/CWT
 DATE 1/21/10 - PRICES INCLUDE
 DEALERS' FEES - 1/0 MEANS
 LESS THAN 100 POUNDS

SPECIES LBS

MIN	HIGH		
COD LGE		0.5	156 276
MKT		5.6	189 218
SCRD		0.1	115 187
MIXED 1/		0.0	65 65
GILLNET LGE COD		0.6	114 190
MKT		4.7	165 205
SCRD		0.0	156 156
JIG LGE COD		0.0	220 220
MKT		0.8	220 227
SCRD		0.1	192 192
HADDOCK		13.4	129 243
HADDOCK SCR D		44.9	120 128
POLLOCK		1.8	151 151
MED		0.4	72 94
JIG MED POLLOCO		0.2	72 90
JIG SCR D POLLOCK		0.0	74 74
YELLOWTAIL LGE		0.4	224 233
SML		0.8	208 208
MIXED		1.2	221 239
DABS SML		0.0	124 124
LEMONSOLE GEO		0.0	265 265
LGE GEO BB MIXED		0.1	313 313
MIXED GEO BB		0.0	270 270
SHOAL FLDR LGE		0.0	238 238
SML		0.0	285 297
GREYSOLE MED		0.0	116 116

ADVERTISEMENTS

FOR SALE

1-R. CT. Christmas Tree Growers, CT. Sheep Breeders and CT. Beekeepers Associations Special Insurance Packages available through Blumenthal/Donahue Insurance Agency--Toll Free 1-800-554-8049, 1-877-267-8323, ddonahue01@comcast.net or www.hobbyfarmusa.com.. Farm Commercial Auto Coverage now available.

2-R. Farm Insurance for all types of farming at very competitive rates. 1-800-554-8049, 1-877-267-8323, ddonahue01@comcast.net or www.hobbyfarmusa.com., Blumenthal/Donahue Insurance Agency. Farm Commercial Auto Coverage now available.

4-R. Gallagher High Tensile and portable electric fencing for farms, deer control, gardens. Sonpal's Power Fence 860-491-2290.

6-R. Packaging for egg sales. New egg cartons, flats, egg cases, 30 doz and 15 doz. Polinsky Farm 860-376-2227.

11-R. Tobacco hook-lath, hardened steel hooks on tulip poplar lath. Used two seasons, large quantity, reasonable. 860-982-7056.

12-R. Hay – excellent 1st cut round, plastic wrapped bales \$40. 2nd cut \$50. 2nd cut squares \$5. Lebanon 860-886-0716.

14-R. Hay 4x5 round bales, stored in barn, \$50. p.u. Hereford heifer spring calf \$450. Standard donkey 3 mo. old jack \$450. International 1850 bucket loader attachment \$600. Call 860-537-1974.

15-R. First cut hay, square bales \$4 each. Call Sylvan Tetrault for more information at 860-684-3458.

17-R. Hedge rows, drainage ditches, fence lines or any other hard to reach areas getting overgrown? We have the solution. An excavator mounted tree/brush mower capable of mowing 8"-12" diameters flush to the ground. Also Fecon mower mounted on Trac Skidsteer. Call for brochure or machine location to observe working or free demonstration on your site. (860) 875-0280 or visit Burkeridge.com Commercial Mowing Division.

18-R. Massey Ferguson 1010 tractor, 17 HP diesel, 2WD, turf tires only, 420 hours. Excellent condition \$3,200. Call James Fazzone for more information at 203-250-6677.

19-R. First cut 4x5 round bales \$40 p.u. First cut square bales \$4.50. For information call 203-265-4588.

23-R. Flat filler and bale breaker, good condition \$2,000. Onan generator 30kw, single or three-phase 6-cylinder Ford, runs on propane, 320 hrs, very good condition \$3,200. 8 greenhouse carts, base plus 7 slide-in shelves, 22-1/2" w, 49-1/2" h, 72" h, solid 6" wheels, good condition \$200 ea. Greenhouse sprayer 3gpm Hypro pump, 100' 3/8" hose and reel, Green Guard spray gun on small cart \$400. Call 860-289-8436, 860-268-5931 after 3:30.

24-R. North Stonington, CT – Nearly 25 pastoral acres: hayfield, riding trails, pond, river frontage with light-filled 3 BR home. \$535,000. Melissa Coyle, Gustave White Sotheby's International Realty, 401-374-5848, 860-428-8236.

25-R. Honeybees for sale, 3lb packages scheduled March 27 and April 26; 5 frame nucs April 10, Riverside Apiaries, 860-295-8972.

26-R. Hay, first-cut square bales, naturally fertilized. \$4.50 per bale. Rowland Farm. 203-888-1599.

WANTED

510-R. Producers Wanted: Connecticut Farm-to-Chef is a free program that helps connect local culinary professionals with producers and distributors of CT Grown products. Informational newsletters, workshops, networking, promotions and other opportunities are provided to members as part of the program. Additional Connecticut producers and distributors are needed for this popular and expanding program. Please help us get your product into the hands of local chefs! Contact Linda at the CT Department of Agriculture, Linda.Piotrowicz@ct.gov or 860-713-2558, for more information.

511-R. Wanted: Farmers for the CT Farm-to-School - The Farm-to-School Program is a statewide effort designed to incorporate CT Grown fresh fruits and vegetables into local schools cafeteria meals and snacks. This project is intended to be twofold: to support local farms and to offer more nutritious school meals as a result of buying local, fresh, produce. If you are interested in selling to one, several, or to a whole school district of schools (through a wholesaler or direct), call Jane Slupecki at (860) 713-2588 or at Jane.Slupecki@ct.gov

MISCELLANEOUS

7-R. Farm/Land Specializing in land, farms, and all types of Real Estate. Established Broker with a lifetime of agricultural experience and 40 years of finance. Representing both Buyers and Sellers. Call Clint Charter of Wallace-Tustin Realty (860) 644-5667.

DOAG JOINT VENTURE GRANTS

The Department of Agriculture will be accepting applications for the CT Grown Joint Venture Grant Program beginning January 1 through January 31, 2010.

This popular program offers matching funds for marketing projects that use the CT Grown logo or slogan. Eligible projects include signage, advertisements, billboards, brochures, websites, etc. This competitive program is open to producers and agricultural nonprofits. Awards will be announced in February 2010.

The guidelines, application, and state forms can be downloaded from the Department of Agriculture website, www.ctgrown.gov, click on Programs and Services, then CT Grown Joint Venture Grants. You can also call 860-713-2503 to have a copy of the information emailed to you.

Note: All required forms must be completed and submitted before the deadline or your application will not be considered.

DO YOU KNOW AN OUTSTANDING YOUNG FARMER?

The Connecticut Agricultural Information Council is accepting nominations for this year's Outstanding Young Farmer. Nationally sponsored by the U.S. Jaycees, the purpose of the Outstanding Young Farmer program is to bring about a greater interest in the farmer, to foster better urban-rural relations through the understanding of agriculture's challenges, to develop an appreciation of their contributions and achievements, and to inform the agribusiness community of the growing urban awareness of farmers' importance and impact on the American economy.

Applications must be postmarked by February 16, 2010.

The winner will be notified in early March and the award will be presented at Ag Day at the Capitol, March 18, 2010. Please note: Ag Day is Thursday this year.

The application can be found at: <http://www.ctaef.org/60326.html>

TOBACCO HYBRID CONTINUED FROM PAGE 1

mercial tobacco (such as C2) from the wild tobacco parent along with TMV resistance, and TCN resistance was itself carried along unknowingly from a wild tobacco species to commercial tobacco types in association with resistance to wildfire bacteria.

Plant resistance is the only practical means of control for Fusarium wilt and TMV. The effects of TCN resistance are more economical and actually better than preplant soil fumigation (which costs approximately \$500 per acre) as tobacco cyst nematode populations that have been reduced by the fumigation subsequently increase as a result of growing a susceptible tobacco variety. TCN resistant B2 causes cyst nematodes to hatch, enter roots, and then die as a result of resistance, effectively reducing cyst nematode populations by more than 60% while still producing a tobacco crop. Blue mold resistance would act to reduce the number of fungicide applications required to control the disease and increase crop quality. Over several years at the CAES Valley Laboratory Research Farm and in small plots with cooperating growers, B2 wrapper leaf quality was consistently as good as or better than the current broadleaf standard inbred variety C9. The use of an inbred with growers saving seed from year to year often results in genetic drift and the loss of resistance to pathogens over time. The use of a male sterile hybrid that does not produce seed will result in a stable, uniform variety with no genetic drift over time.

Our goal of developing a male-sterile hybrid broadleaf cigar wrapper tobacco with resistance to most of the major pathogens, including Fusarium wilt, TMV, the TCN and blue mold, has culminated in the development of B2. This variety should allow crop production with reduced losses to disease and reduced pesticide inputs.

SOUTHERN NEW ENGLAND VISIT OF TEMPLE GRANDIN

The University of Connecticut, University of Massachusetts, and University of Rhode Island Extension will host a Southern New England visit of Temple Grandin, a leading animal behaviorist and expert on humane treatment of our food animals, March 1 – 4, 2010. www.grandin.com

Dr. Grandin will make a public presentation on “Animal Behavior and Autism” on Monday, March 1 at Old Sturbridge Village in Sturbridge, Massachusetts.

This event begins at 6:30 p.m. with a refreshment period. Dr. Grandin will speak at 7:30 p.m. There will be a book signing opportunity after Dr. Grandin speaks. Tickets at \$15 each are available at www.osv.org or by calling Old Sturbridge Village at 800-733-1830. Advance tickets are recommended. For more information about the Old Sturbridge Village presentation please contact Alexis Conte at aconte@osv.org 508-347-0396.

From March 2 through March 4 Dr. Grandin will meet with students, faculty, and staff at the University of Massachusetts, University of Connecticut and University of Rhode Island. For more information about these on-campus events, please use the contact information below:

March 2, 2010 University of Mass., Carrie Chickering-Sears, ccsears@umext.umass.edu, 413-549-3257

March 3, 2010 University of Conn., Sheila Andrew, sheila.andrew@uconn.edu, 860-486-0803

March 4, 2010 University of Rhode Island, Katherine Petersson, kpetersson@uri.edu, 401-874-2951

The Temple Grandin event is part of a tri-state project “Producing Natural Local Meat for Consumers,” funded by the US Department of Agriculture SARE Professional Development Program. Project Coordinator is Michael T. Keilty, Sustainable Agriculture & Food Systems Educator at the University of Connecticut College of Agriculture and Natural Resources. Project Principal Investigators are: Joseph Bonelli, UCONN, Stephen Herbert, UM-ASS, and Kristen Castrataro, URI.

USDA ANNOUNCES

NEW ISSUE OF HEALTHY ANIMALS NOW ONLINE

The Agricultural Research Service (ARS) has posted a new issue of Healthy Animals. This quarterly online newsletter compiles ARS news and expert resources on the health and well-being of agricultural livestock, poultry and fish.

Each quarter, one article in Healthy Animals focuses on a particular element of ARS animal research. The current issue examines the importance of maintaining stockpiles of genetic material to preserve the genetic diversity of agriculturally important animals.

Research highlighted in this issue includes:

* ARS' cattle germplasm preservation efforts could lead to breeding of animals that cost less to produce.

* ARS scientists in the Deep South have saved samples from rare fish that only live in fresh water ponds and streams in Mississippi.

* Out West, researchers have found it is cheaper to cryopreserve suitable germplasm samples, rather than maintaining live pigs or cattle.

Professionals interested in animal health issues might want to bookmark the site as a resource for locating animal health experts. An index lists ARS research locations covering 70 animal health topics. These range from specific diseases, such as Lyme disease to broad subjects such as nutrition or parasites.

The site also provides complete contact information for the 25 ARS research groups that conduct studies aimed at protecting and improving farm animal health.

To receive an email alert about each issue's online posting, contact Chris Guy (telephone 301-504-1654, e-mail chris.guy@ars.usda.gov), ARS Information Staff, or sign up on line at <http://www.ars.usda.gov/is/np/ha/subscribe.htm>.

ARS is the principal intramural research agency for the U.S. Department of Agriculture.

Connecticut Weekly Agricultural Report (ISSN: 1059- 8723, USPS 129-340) is published weekly (48 issues), except for Thanksgiving, Christmas, when the Governor closes State offices, and two additional weeks, for \$20.00 per year (hard copy - email copies are free) by the Connecticut Department of Agriculture, 165 Capitol Avenue, Hartford, CT 06106.

Advertising Rates: Fifteen words or less \$3.75 per insertion. For ads of more than 15 words, 25 cents per word per insertion. Initial letters, hyphenated words, phone numbers and addresses, etc., are counted separately. **Print or type copy.** Publication on a specific date cannot be guaranteed. Advertisements will be published on a first-come-first serve basis. Ads must be received by noon the Friday before a publication date to be considered for insertion. **Only ads of an agricultural nature with a Connecticut phone number will be accepted.** Remittance with copy required. Make checks or money order payable to the Connecticut Department of Agriculture and mail to: Marketing - Ag Report Classifieds, Connecticut Department of Agriculture, 165 Capitol Avenue, Hartford, CT 06106.

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State Veterinarian	Dr. Mary J. Lis	(860) 713-2505
Regulation&Inspection	Dr. Bruce Sherman	(860) 713-2504
Farmland Preservation	Joseph Dippel	(860) 713-2511
Aquaculture	David Carey	(203) 874-2855
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