

CONNECTICUT  
GROWN

Connecticut Department of Agriculture

F. Philip Prelli, Commissioner  
Robert R. Pellegrino, Bureau Director

Marketing &amp; Technology Bureau, (860) 713-2503

Jessey Ina-Lee, Editor

Wednesday, October 22, 2008

## NOTES from the DEPARTMENT . . .

### GENETICS ON THE GIANT

by Dr. Sandra Anagnostakis

The Chestnut Plantation at Sleeping Giant continues to attract visitors from all over the world. This collection of all of the species of the genus *Castanea* was started by Arthur Graves on land that he owned in Hamden, and is now under the care of The Connecticut Agricultural Experiment Station. The collection is world renowned, and scientists and members of the public want to see these trees and sample the leaves for specimens and try the tasty nuts in the fall.

For the last two years, science of a different kind has been occupying the Spring Lot and the South Lot. Scientists in a multi-state project funded by the National Science Foundation are attempting to produce a genetic map of chestnuts, based on our trees. Bucket trucks have rumbled in and perched with the bucket high to reach flowers at the tips of the branches. One tree was the Chinese chestnut called 'Mahogany' (Plant Introduction number 70315, seed purchased in north-eastern China in 1926) planted in the South Lot at the Giant in 1930. Two 'Mahogany' offspring were planted in the Spring Lot in 1960. 'Mahogany' was their mother and the pollen parents were two different American chestnuts located along Painter Hill Road in Roxbury, CT. These three trees had white waxed-paper bags placed over every reachable female flower in late June. Two weeks later the bags were carefully removed, and the selected pollen put onto the flowers. The bags were then replaced to ensure that the nuts formed would have two "known" parents. For this project, 'Mahogany' was crossed with pollen sent from another Chinese chestnut tree, called 'Nanking' (Plant Introduction number 108552 from seed collected by Peter Liu at Hang Chow, China in 1935). The two 'Mahogany' X American trees were crossed with each other. Hundreds of chestnuts from these crosses were harvested (yes, the bucket trucks had to go in one more time) in September, and the seed held in cold storage at The Experiment Station. We have been raising the seedlings in the greenhouse and sending tender leaves from the seedlings (each numbered with a plastic tag) to our colleagues whom we call "gene jockeys", who then isolate DNA and start the work of making the genetic map. Since some isolations may not work well, or some individuals may be of special interest, the seedlings have to be planted out with their number tags intact and maps made of where each number is in the field. This will allow scientists to come back to individual trees in years to come to get nut or DNA samples for more studies. I have been lucky to have the help

of Cornelia Pinchot to do the work up in the bucket and Pamela Stetten for seed sorting and planting. Trucks from the R. J. Fries Tree Service and from Arbor Services of CT have negotiated the narrow lanes and managed to get the buckets to the tops of the trees where the flowers are abundant.

The scientific community is waiting breathlessly for the results, and it all starts HERE. Acknowledgements will be made, of course, of where the parent trees are growing and where the seedlings were planted, and 100 years from now some scientist will read this and say "Wow! They kept those trees alive all those years and took care of them. What a treasure trove. I wonder if they are still there."

Sleeping Giant State Park will still be there, and so will The Chestnut Plantation at Sleeping Giant. Even if these original trees don't live that long, others with known histories will replace them, and the legacy will continue.

For more information, refer to The Connecticut Agricultural Experiment Station web site: <http://www.ct.gov/caes> or call (203) 974-8500 (New Haven) or (877) 855-2237 toll-free (statewide).

### DEEP ZONE-TILLAGE & SOIL HEATH CONFERENCE

9:00 am – 3:30 pm, Monday, December 1, 2008

Publick House, Rt. 131, Sturbridge, MA

Do you want to save \$44/acre in diesel fuel? Would you like to improve the organic matter levels, structure and fertility of your soils? Do you have a soil compaction problem or a plow pan? Does water tend to pool on the surface of your fields leaving crops vulnerable to wilts and rots? Did you have trouble with soil erosion with all the rain in 2003, 2004, 2006 and 2008? Do you have trouble getting on to your land to plant when it is too wet or planting on schedule when it is too dry? Would you like to improve crop quality and yields without increasing nutrient inputs? Are you tired of picking rocks after plowing and harrowing? Would you like to rent land from a trust or municipality, but they won't let you conventionally-till their land?

Maybe it is time to look into a better way of farming called zone-tillage. Come hear researchers, Extension folks and growers describe what zone-tillage can do for your farm and why they would never recommend conventional tillage again!

Contact: Jude Boucher, 860-875-3331, [jude.boucher@uconn.edu](mailto:jude.boucher@uconn.edu)

Sponsored by Northeast SARE, and Univ of Connecticut, Univ of Rhode Island and Cornell Univ Cooperative Extension Systems

**NORTHEAST EGG PRICES U.S.D.A.**

**October 20, 2008**

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

EXTRA LARGE	114-117
LARGE	112-118
MEDIUM	100-102

**MIDDLESEX LIVESTOCK AUCTION**

Middlefield, CT, October 20, 2008

Live animals brought the following average  
prices per cwt.:

	Low	High
Bob Calves:		
45-60 lbs.	25.00	28.00
61-75 lbs.	32.00	38.00
76-90 lbs.	39.00	55.00
91-105 lbs.	70.00	77.50
106 lbs. & up	72.00	82.50
Farm Calves	85.00	115.00
Started Calves	35.00	45.00
Veal Calves	65.00	157.50
Open Heifers	50.00	76.00
Beef Heifers	58.00	62.50
Feeder Steers	65.00	78.00
Beef Steers	54.00	56.00
Stock Bulls	70.00	80.00
Beef Bulls	60.00	61.50
Replacement Heifers	1 @	400.00
Boars	1 @	5.00
Sheep each	40.00	60.00
Lambs each	45.00	130.00
Goats each	77.50	110.00
Kid Goats each	25.00	85.00
Canners	Up to	47.50
Cutters	48.00	49.50
Utility Grade Cows	50.00	55.00
Rabbits each	5.00	19.00
Chickens each	3.00	15.00
Ducks each	7.00	10.00

Provided by Middlesex Livestock Auction.

**NEW HOLLAND LIVESTOCK AUCTION**

MONDAY, October 20, 2008

Bulk/High/Low Dressing

SLAUGHTER COWS:

Breakers	75-80% lean	
49.00-52.00	53.00-56.00	37.00-48.00
Boners	80-85% lean	
46.00-49.75	50.00-53.00	41.00-44.00
Lean	85-90% lean	
43.00-48.00	-----	36.50-41.50

SLAUGHTER BULLS: Yield Grade 1-2

1010-2150 lbs	67.00-72.00
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Bullocks: 880-1405 lbs 72.00-76.00

SLAUGHTER LAMBS: Woolled & Shorn

Choice and Prime 2-3

50-60 lbs	136.00-148.00
70-80 lbs	112.00-130.00
80-90 lbs	116.00-124.00
90-110 lbs	116.00-126.00
110-130 lbs	106.00-118.00

Slaughter Ewes: Good 1-2

90-110 lbs	46.00
120-160 lbs	40.00-58.00
200-300 lbs	44.00

**FRESH FRUITS & VEGETABLES**

**NEW ENGLAND GROWN**

APPLE CIDER, 4/1-gallons	14.00	14.00
APPLES, Cortland Totes 8-5lb bags	25.00	25.00
APPLES, Empire 80ct exfcy	30.00	30.00
APPLES, Red Del. fancy 2-3/4 min	22.00	24.00
APPLES, Honeycrisp 8/5lb bags fcy	32.00	32.00
APPLES, Macoun exfcy bu 80ct	36.00	38.00
APPLES, Mcintosh 12 - 3lb bags	22.00	24.00
APPLES, Mcintosh 80ct exfcy	30.00	30.00
BEANS, Wax bu hand-picked	24.00	24.00
BEETS, 25lb Sack Organic	26.00	26.00
BROCCOLI, 14CT	15.00	17.00
BROCCOLLI, Cut Crown 20lb	22.00	23.00
CABBAGE, Green 50lb	7.00	8.00
CABBAGE, Green Organic 45lb	31.00	31.00
CORN, 5DZ	18.00	20.00
CORN, Ornamental 20/3's mini	15.00	20.00
CORN, Ornamental 20/3's	26.00	28.00
CRANBERRIES, 24/12-oz bags	32.00	34.00
EGGPLANT, 1-1/9bu med	14.00	14.00
KALE, 12-16's Organic	15.50	15.50
LETTUCE, Boston 12/4oz	15.00	16.00
LETTUCE, Green Leaf 24ct Organic	30.00	30.00
PEARS, Bosc 2-1/2" min 4/5bu	24.00	26.00
PEARS, Red D'Anjou 4/5bu	25.00	27.00
PEPPERS, Green xlge 1-1/9 bu	10.00	12.00
POTATOES, 10lb bag	2.50	2.70
POTATOES, Round White Sz A 50lb	14.00	14.00
PUMPKINS, Howden 36in bin med-lge	150.00	175.00
PUMPKINS, Pie Type 24" bin	125.00	160.00
PUMPKINS, Sugar 1-1/9 bu	11.00	12.00
SQUASH, Acorn 1-1/9 bu med/lge	10.00	14.00
SQUASH, Butternut 1-1/9 bu med-lge	10.00	14.00
SQUASH, Yellow 1/2 bu sm	13.00	14.00
SQUASH, Zucchini 1/2 bu med	5.00	6.00
SWISS CHARD, Mix color 24's	36.00	36.00
TOMATOES, 20lb box	12.00	12.00

Above quotations are based on Boston Terminal Prices

SLAUGHTER GOATS: All goats are Selection  
1, sold by the head, estimated weights.

Kids: 40-50 lbs	64.00-76.00
50-60 lbs	76.00-88.00
60-70 lbs	68.00-78.00

Nannies/Does:	
80-130 lbs	50.00-80.00

Bucks/Billies: 150-250 lbs 110.00-152.00

**NEW HOLLAND, PA HOG AUCTION**

FOR Mon October 20, 2008

Hogs sold by actual weights, prices quoted by  
hundred weight.

Percent Lean	Weight	Price
49-54	220-270 lbs	48.00-50.00
	270-300 lbs	46.50-48.00
	300-370 lbs	48.50-50.00
45-49	220-270 lbs	43.25-46.50
	270-300 lbs	39.25-45.50
	300-370 lbs	45.00-49.00
40-45	220-270 lbs	38.25-42.85
	270-300 lbs	37.50-39.25
Sows: US 1-3	300-500 lbs	39.50-49.00
	500-700 lbs	51.00-56.25
Boars:	300-700 lbs	14.00-15.50

WOLF			
HAKE LGE	0.0	154	154
MED	0.1	137	137
HLBT	0.1	720	720
OCN PRCH	0.1	104	104
DABS LGE	0.1	191	191
MED	0.4	122	157
SML	1.6	97	108
SAND DABS	0.0	25	25
GREYSOLE LGE	0.0	637	637
MED	0.2	767	767
SML	1.8	247	272
LEMONSOLE	0.6	205	211
LGE GEO BLACKBACKS	6.9	188	196
MIXED GEORGES BB	6.7	134	145
BLACKBACKS CHAN LGE	6.7	148	184
SML	60.1	102	117
PEEWEE	3.9	82	88
YELLOWTAIL LGE	6.4	108	113
SML	8.3	76	88
MONKTAIL LGE	6.6	351	404
SML	4.3	324	333
SKATE WINGS	47.6.	39	51
MONK LIVERS	2.3	220	340

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

**NEW YORK PRICES**

**WHITE EGGS**

**TO RETAILERS**

For 1 dozen,

Grade A eggs on:

**October 20, 2008**

EXTRA LARGE	121-125
LARGE	119-123
MEDIUM	107-111

Above quotations based on  
CARTON sales to retailers.



**NEW BEDFORD  
WHALING CITY SEAFOOD  
DISPLAY AUCTION**

SEA SCALLOPS LANDINGS &  
PRICES IN 1,000 LBS

DATE 10/20/08

NO LANDINGS REPORTED

**NEW BEDFORD  
WHALING CITY SEAFOOD  
DISPLAY AUCTION**

FISH LANDINGS & PRICES IN  
1,000 LBS & \$/CWT

DATE 10/20/08

SPECIES	LBS	MIN	HIGH
HADDOCK	0.6	211	218
HADD SCR D	2.0	189	196
JIG HADDOCK	1.3	214	214
JIG SCR D HADDOCK			
	1.1	192	192
COD LGE	1.2	219	219
MKT	10.9	192	214
SCR D	4.8	164	206
POLL MED1/	0.0	72	75

**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 or ddonahue01@comcast.net.

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

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.

123-R. Battery powered price computing scales with state compliance, battery powered cash registers, repair of all types of scales. (800) 403-5919.

209-R. Rough sawn lumber, fence boards, trailer planks, stakes, custom and portable sawing available. (203) 788-2430.

213-R. Christmas greens, wreaths, kissing balls, roping, many sizes and varieties. Samples gladly shown. We deliver. (203) 457-1344.

215-R. Premium honey, cut comb and bees' wax candles. If you want the best, I have it. Willie's Honey. (860) 824-0638.

222-R. Pumpkins. All sizes. Top quality. Delivery available. Gourds. Paul Peters. Hebron. (860) 428-4846.

223-R. Rye straw seedless strawberry grade, large square bales 45-50 lbs. Please call (860) 289-5188 or (860) 289-5055.

227-R. Connecticut Grown Christmas trees. Fraser Fir, Balsam Fir, Blue Spruce available. Buy fresh cut locally grown trees and save on freight. Dzen Brothers Farm (860) 648-1355.

230-R. New Idea manure spreader, 75 bu – ground driven in top condition. Telephone (860) 354-4659. Leave message.

231-R. 2007 JD 2320 4WD with 62" deck mower, front loader, 54" Quick Hitch snowplow, hopper spreader, 160 hrs. Asking \$18,000; 1800 2-yr-old Blueberries in 4" pots, 10 varieties, \$3 each (860) 916-5681 – Dale.

232-R. Commercial black Simmental bull, 18 months, good disposition, very tall - \$1,000. Boer goats for meat, spring kids, \$1.50/lb live wt. (860) 228-0678.

**WANTED**

225-R. Wanted: 1-row corn chopper, 16A JD Flail mower, forage wagon. (860) 303-9780.

196-R. Wanted: PONYS for hire. Hayrides. Must have insurance and be bomb/child proof. Long term permanent rink, % of gross. Buckland Malls. 860-644-8486 or 860-707-5727.

**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.

8-R. Horse properties, Farms and Land. Ralph's the man specializing in all types of Real Estate. With a lifetime of agricultural and business experience he is the best choice to represent both buyers and sellers and make your dreams come true. Call Ralph Winn with Century 21 Alaimo & Corrado at (860) 648-6902 or www.winwithWINN.com.

219-R. 60,000 SF of wholesale greenhouse growing space for lease. Easy access to major interstate highways. Temperature alarm system and back up generator available. Call Clint Charter, Wallace-Tustin Realty 860-558-3908.

220-R. Extra income for farm owners in CT. - \$200 per ten acres is donated to farms for the use of the land for outdoor activities. Details at www.ctwhitetailassociation.com (860) 573-5155.

233-R. We have buyers for land/farms suitable for horses. Can we sell yours? Check our track record at www.HorseCountryRealEstate.net. Patti Brooks 860-442-4237

**VENDORS NEEDED!**  
**STAMFORD FALL FARMERS MARKET**  
**SIDEWALK SALE**  
 October 30 - November 1, 2008  
 High Ridge Shopping Center in Stamford  
 15 vendors needed! Vendors should report to A Step Ahead, 1115 High Ridge Rd. Vendors should also submit additional insurance for Lotstein Realty. For more information or if you have questions, please call Monica Needle at 203-329-2959 work, 203-353-1992 home or 203-940-0080.

**MIDDLESEX LIVESTOCK AUCTION**  
**488 CHERRY HILL RD**  
**MIDDLEFIELD, CONN. 06455**

**SAT. OCT 25TH, 2008 @11:00 AM**  
**FALL FEEDER CATTLE SALE**

Accepting Consignments:

Friday, Oct 24th From 9:00am – 7:00 pm  
 & Sat. Oct. 25th, From 7:00 am To 11:00 am

Accepting All Ages, Breeds & Sexes Of Beef Cattle.  
 All Cattle Fed & Watered For No Extra Cost!  
 Trucking Available To & From Sale Barn

For More Information Call Lisa Scirpo 860-883-5828  
 Sales Barn 860-349-3204; Home Res. 860 –346-8550  
 Fax-860-347-5179; EMAIL: sscirpo35@comcast.net

TERMS OF SALE CASH OR GOOD CHECK -  
 PHOTO ID REQUIRED  
 MASTERCARD AND VISA ACCEPTED

LUNCH ROOM OPEN

**NEW ENGLAND GREENHOUSE CONFERENCE AND EXPO**  
**FEATURES "MEET THE EXPERTS" SESSIONS**

Spend some one-on-one time with industry experts. Workshop speakers and local experts will be available to answer questions and share ideas in the trade show area on Thursday, November 6th and Friday, November 7th.

On Thursday Nov 6, 2008, the following experts will be available.

- Kurt Fromherz, Sunrise Marketing, "Competitive Marketing"
- Sharon Douglas and Wade Elmer, CT Agricultural Experiment Station, "Plant Diseases"
- Colleen Armstrong, University of Vermont, "Integrated Pest Management"
- Brian Krug, UNH Coop Extension, "Green" growing and marketing
- Neil Mattson, Cornell University, "Floriculture Nutrition and Fertility"
- Mark Hutchinson, Univ. of Maine Coop Extension, "Composting"
- Richard McAvoy, Univ. of Connecticut, "Plant Growth Regulators"
- George Elliott, Univ. of Connecticut, "Floriculture Nutrition/Fertility."

On Friday Nov 7, 2008, the following experts will be available.

- Mark Bridgen, Cornell University, "Field Cut Flowers";
- Cheryl Smith, University of New Hampshire, "Insects/Diseases"

**MEET THE EXPERTS CONTINUED ON PAGE 4**

**MEET THE EXPERTS CONTINUED FROM PAGE 3**

- Vern Grubinger, Univ. of Vermont, "Greenhouse Fuel Alternatives"
- Andy Senesac, Cornell University, "Weeds"
- John Bartok, Engineering Consultant, "Greenhouse Water Systems"
- Gerry Palano, MA Dept Ag Resources, "Funding Opportunities"
- Tina Smith, Univ. of Massachusetts, "Floriculture Pest Control"
- Doug Cox, University of Massachusetts, "Floriculture Nutrition"
- Leonard Perry, University of Vermont, "Perennials, Hardiness, & Overwintering"

New England Greenhouse Conference & Expo is sponsored by the Extension programs of the six New England State Universities plus New York State and New England Floriculture, Inc.

For more information about the New England Greenhouse Conference and Expo, visit the web site, <http://www.negreenhouse.org>

To be added to the mailing list to receive the 2008 New England Greenhouse Conference Program or for more information, contact: Cindy Delaney, Show Coordinator, Delaney Meeting & Event Management, 1 Mill Street, Suite 301, Burlington, VT 05401, Phone: 802-865-5202, Fax: 802-865-8066, Email: [info@negreenhouse.org](mailto:info@negreenhouse.org)

**EASTERN REGION MILK REVIEW**

MADISON, WI. October 15, 2008 - Noteworthy this week is a number of industry observers who without first being specifically asked about sales, offered the observation that sales of milk are "bad", "down" "flat", or similar words. Even considering the recent decrease in prices and with specials running in some areas, no explanation was offered.

NORTHEAST production is stable and near annual low levels. With the cheese factory that was damaged by fire a few weeks ago now back in production, milk flows in the region are more nearly normal for this time of year.

MIDDLE ATLANTIC intakes are still down. One observer commented that intakes are at the lowest level they have been for the year. There are reports that, in isolated cases, some contracted loads have not been available for delivery when expected.

SOUTHEAST production is reported to be at base levels in some areas but up slightly in others. In portions of the area, the lower sales for retail milk have been down enough that some shipments have been turned back. Thus, while shipments into the area are up slightly over last week, the expectation is that inward shipments will decrease next week due to upward milk production trends and retail consumption patterns.

FLORIDA milk production is reported to be steady this week. There was rain throughout the state late last week and daytime temperatures have warmed up into the 80's and 90's with lows in the 60's and 70's. Cream supplies have eased this week and prices are slightly lower. While churning has increased to meet increased orders, little additional churning to add to inventories is reported. Recent fluctuations in CME cash butter trading prices are frequently cited as motivating manufacturers to increase churning. Spot activity in condensed skim is difficult to identify. With relatively low NDM prices, a number of manufacturers have elected to increase using NDM to replace condensed skim where possible. With little interest in acquiring condensed skim on spot markets, drying at the plant has increased.



**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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<b>Regional Market</b>	<b>Robert Pellegrino</b>	<b>(860) 566-3699</b>
<b>State Veterinarian</b>	<b>Dr. Mary J. Lis</b>	<b>(860) 713-2505</b>
<b>Regulation&amp;Inspection</b>	<b>Dr. Bruce Sherman</b>	<b>(860) 713-2504</b>
<b>Farmland Preservation</b>	<b>Joseph Dippel</b>	<b>(860) 713-2511</b>
<b>Aquaculture</b>	<b>David Carey</b>	<b>(203) 874-2855</b>
<b>FAX NUMBERS</b>	<b>(860) 713-2516</b>	<b>(860) 713--2514</b>

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