## Poultry Pointers

## (Continued from Page D6)

The Turbo Positive™ house had the lowest variability of temperature during warm and hot outside temperature ranges. The perimeter baffle system had the highest standard deviation of house temperature for nearly all outside temperature ranges. The perimeter baffle house also exhibited a trend in temperature stratification during cold weather conditions.

As illustrated in Figure 5, less fresh air may be getting to the center of the building than the sides. Figure 5 shows average temperatures across the width of the building with respect to mean house temperature (a zero value on this graph indicates that the average temperature at that section of the building was the same as the average house temperature).

The outside temperature range 0 to 5 C. (32 to 41 F.) was selected to illustrate this trend. Cage rows in the center of the building exper-

III Turbe Pesitive (114) C Turbe Negative (TM) B Perimeter Battle 1.5 с. С. 01 Contraction and the second second Section 916 120002 Regions across Building Widt

Figure 5. Deviations across the building widths during outside temperature range 0 to 5 °C (32 to 41 °F)

ienced higher temperatures than cage rows on the sides of the building.

It is important to remember the issue of uniform environmental conditions when managing a flock or designing a building and environmental control system. Birds that live in a section of the house that is consistently warmer than average will tend to consume less feed and may not be getting their daily nutrient requirements for maximum production. Similarly,. birds in cooler sections of the

house may tend to overconsume nutrients.

As pressure increases from nutrient management legislation to reduce the amount of wasted nutrients in poultry manure, improved environmental management may be part of the solution.

Research at Penn State continues in the area of improved environmental control of livestock buildings. Environmental conditions affect an animal's performance, the cost of feed, and subsequently the profitability of a livestock producer.

20% Off 91 Price List New Idea Parts on Hand. Cooper's Hardware Inc. Turbetville, PA (717)649-5115. 2150 JD like new, excellent condition, low hours. \$10,500. 717-836-7654.

4PM.

h.o.

410-833-9091

410-833-9091

2250 IH quick-tach loader \$1,800. 856 IH w/dual hy-draulics, and new TA, \$5,200. (717)263-8091. 276 NH baler & thrower farm built steel 18' bale wagon; NH 35' elevator; 2 wooden rack bale wagons. All good condition. 717/966-2743.

(2) tanks for Acetylene torch. 50' skeleton mow elevator. (717)733-4516. 2 Wisconsin Motors Model V460 and V461 w/Electric Start and Generators. White House Farm Supply (410)472-2617.

318 Chrysler Industrial V8 Gas Engine, \$400. (717)243-5768.

(3) 7000 gallon above ground up-right glasslined steel tanks, ideal for liquid nitrogen storage. 8AM-5PM 717-648-2003.

(3) semi-mounted 5 bottom plows; Knight 180 manure spreader w/tailgate: 966 IH w/cab. 814-328-5222.

4020 powershift turbo wide front end, cab, heat, \$8,500. 717-644-2103.

4-150 White dual, 18.4-34's, 95%, 3pt PTO, cab, air. 717-272-2477. 442 Mustank skid loader w/

rebuilt diesel engine, com-pletely serviced, \$8000. 717-859-3533.

4cyl Continental diesel 1200RPM, 72hp, only 12 hrs. on motor. Somerset County. Evenings,

5000 gal. tandum axel liquid manure spreader, one set of 12.4 x 42in. tires and rims, fits 38in. wheel. \$400 set. 717-872-8508.

6 Insect. Boxes for JD 7000 Planter \$250; 5 Ton Hoist for Farm Wagon \$300. (301)371-5964.

7 tine side dress tool bar with no-till coulters, \$1300; Also, parts to make tool bars. 717-653-1568.

91 CASE/IH 45HP Diesel ROPS/Canopy Shuttle 3pt PTO 16.9X24 Turf tires 142hrs \$16900 (perfect for loader). (609)466-2953.

AC190XT Cab, Duals, 600Hr. on Rebuilt Eng. Many New Parts, PTO Not Working Cheap Horse-0 w

\$4500.(717)865-5719. AC 7030 w/cab, duals, 130

h.p., 540/1000, \$5,850. 410-833-9091 AC CA WF, really nice,

\$2,375. Lancaster County. (717)336-2031. Agco 340 quick attach loader, w/73in. quick attach bucket, complete w/sub frame and joystick control, fits agco-allis, 5670 & 5680 tractors, used only 34hrs.

Ag Gator, 1977, 4WD, new leader box, new paint, 1000 gal. spray tank, 50' booms, flood and fan tips,

since new. \$3,000.

717-532-3360.

Lancaster Faiming, Saturday, February 4, 1995-D7

WIRE ROPE: New and Un Brillion cultimulcher, 14', 4" axles, good condition, \$2500. 717-244-4238 after used Surplus. 1/2" to 7/8" sizes. Quantities limited. Low Prices. 410-335-0131. BACKHOE BUCKETS, Brillion 6 row BRH, high ONLY 2, LEFT, new, fits Ford/Bradco hoes & NH clearance minimum tillage cultivator, brand new, Generals. never used, make offer. 410-833-9091 717-867-4896. BACKHOE JD 510, full Bush Hog 10' pull-type rot-ary mowers, \$3695. Tacab, 1 owner, 2,900 hrs., standard hoe, \$10,500 410-833-9091 neytown Farm Equipment. 410/751-1500. Bale Wagon NH 1012, A-I condition, stored inside, Buster bar with brackets for Amco 12' disc, like new. \$2300. 304-725-2638. (717)762-0406. Bauer, Rain Star irrigation CASE 1270, cab, 125 h.p., reel, excellent condition. 4,500 hrs., weights, 70% rubber, \$6,375. 301-791-5529. rubber, 410-833-9091 BELTING: We specialize in flat belting, cut to order, CASE 930, diesel, Wheatbaler throwers, self unloadland, fender tractor, 80

PTO, \$3,500.

\$3,500.

ово

CASE 930, standard, 85 h.p., diesel, cab, PTO, RARE, \$3,500.

DISMANTLING FOR

PARTS: Just arrived for parts. CAT 977L 70J S/N w/OROPS. Many engine

barts and hyds. available. BALANDA EQUIPMENT P.O. Box 407 RT 29

Palm, PA 18070.

Cab for IH 06/66 Tractor

Calumet liquid manure spreader, model 3750,

very good condition, \$6800. 814-632-9431.

Cardinal Sprayer w/35'

Booms, New \$2495. Ta-neytown Farm Equipment.

Case 1030, SHARP!

\$4500. Taneytown Farm

Equipment. 410/751-1500.

Case 1070 DI, 110hp, w/

cab, runs strong. JD 4020 DI w/cab & loader. JD rol-lover plow 4x16". Ford 4000 DI, SOS, WF, high clear. Lockwood Mk V, 2R

notatoe/root harvestor

Chev. C50, 20' flat, PTO,

new motor. '88 F250, 4x4,

V8, auto., new paint. '88

F150, new paint, clutch. (609)455-6899.

Case 530 40H.P. w/Ind.

front-end loader, 1900

hours, very clean, dual re-

motes, power steering w/

rear blade, new rubber,

\$5,000 firm. 717-245-9009

Case 830G, \$2500. Taney-

town Farm Equipment.

Case IH 7110, magnum,

600 hrs., cab, air, 2 years old, like new

Case-IH 8330 mower/

conditioner, 9'3", \$5,000. Belarus 420A tractor 57hp,

810 hrs., 4x4 forward/reverse, \$6,950

or IMT (Massey style) 542 cab tractor 459 hours, \$6,500. (717)756-2764.

1980 Chevy turtletop con-

version van/camper,

Case-IH 8330 mower/

conditioner, 9'3", \$5,000. Belarus 420A tractor 57hp,

810 hrs., 4x4 forward/ re-verse, \$6,950. IMT (Mas-

\$1,000 (717)756-2703.

leave message.

410/751-1500.

717-898-2088.

1-800-322-8030

(717)426-2659

(410)751-1500.

\$250

ing wagons, long table blower belts. Franklin Co. 717-263-0573. NO Sunday calls Belarus 310 tractor, 1993,

\$225.

200 hours, w/backhoe & front end loader, \$14,000. 717/864-3202

Belarus Tractor 420AN, 170 Hours, 57HP, Diesel, 4WD, All Options. \$11,000. (717)647-9020.

Better built 3600 gal. top fill liquid spreader, 4 injectors, \$2,000 will seperate. 717-665-7399 Lanc. Co.

Complanters: 2 and 3 row with John Deere Max-Emerge II units. Plateless or vacuum. 3-Point or pull type. JD 7000 corn planters, parts, & overhauled. Liquid and dry fertilizer attachment custom installed on planters, cultivators, etc. Pequea Planter, 561 White Horse Rd., Gap, PA 17527. Lancaster Co. 1 % miles north of Gap on Rt.897

JD 301A gas, 3pt, PTO, \$4900. Taneytown Farm Equipment. 410/751-1500. JD .: 20 Diesel cabin air,

low rs, S.R., very nice consulor. 610-286-5641.

JD 3140 (same as 2940) 4x4 w/cab, \$12,500. Taneytown Farm Equipment. 410/751-1500.

JD 3300 combine, gas, rs, ac, monitors, 10ft. grain head, 244 corn head. JD FB-B 13x7, grain drill. JD Model A. NI one row corn picker. 301-371-5067.

JD 336 Baler \$3500; Zimmerman 32ft. Elevator 1% HP \$1550; Lincoln 16HP 225 Amp AC-DG Welder Generator. (717)423-6188.

JD 346 or 337 baler, in good condition, \$5200. 717/445-5918.

JD 4010D, WF, \$4900. Taneytown Farm Equipment. 410/751-1500.

JD 4010 good condition. JD #60, good condition. NI 243 manure spreader. New chain. (410)754-3213.

JD 420C crawler/ldr. S#115170, runs good, fair condition, \$3,500. After 5pm, (609)455-2368.

JD 4240 1980, 1 Owner, **Excellent** Condition, \$22,000. Manure Pond Agitator, \$1000 Or Make Offer. (610)469-1162.

## **Pesticide Certification Exam Set**

HONESDALE (Wayne Co.) ---Pesticide certification examinations will be given at the Penn State Cooperative Extension. Wayne County "North" office meeting room, Courthouse. Honesdale, on Tuesday, Feb. 7, starting at 8:30 a.m. and ending at noon.

Persons with disabilities that anticipate needing any type of accommodations or have questions about the physical access provided, please contact Donald Overdorff at (717) 253-5970 in advance of your participation or visit.

The exam is open to anyone wishing to become certified as private, commercial, or public applicators. Private applicators are those who are farming and applying restricted-use pesticides to their own crops. Commercial applicators are those who are applying pesticides to property of other people.

The examination is a pass-fail, open book, proctored test. Examination fees are nonrefundable. The following fees, with payment made in advance, shall be charged: private applicator ex-

ams are free. Commercial applicator's core examination is \$50 plus \$10 for each category examination.

Testing is also available on working Monday mornings at the Pa. Department of Agriculture office on Route 92 just south of Tunkhannock.

For examination registration or additional information, call the Penn State Cooperative Extension Wayne County Office at (717) 253-5970, ext. 239 or the Department of Agriculture in Tunkhannock at (717) 836-2181.

## **MILK. IT DOES A BODY GOOD.**



PHONE: 717-626-1164 or 717-394-3047 FAX 717-733-6058 Mon., Tues., Wed., Fri. 8 AM to 5 PM; Thurs. 7 AM to 5 PM

FARM EQUIPMENT

1990 Ford NH skid loader, #553 Kubota engine, 1283 hrs., bucket attachement.

County. E. (814)467-4764.

1,000's of new single mower guards. Mostly JD and Ford. Will sell one or all. 717-866-7066 8AM-5PM. 100's of new plow shares, shins, land sides, etc. Steel and cast. All brands. Would like to sell in quanity. 717-866-7066 8AM-5PM.	12½ ' Brillion cultimulcher packer, very good condi- tion, \$1500 OBO. 609-299-3540 anytime. (1)3000 & (1)9000 Gal. SS nitrogen storage tanks. 703/639-2262, after 8pm 703/382-0570. 18.4x30 Tractor Tires;	1991 Model 553 NH Skid- steer Loader w/Fork. (717)898-0108 After 6PM. 1978 NH TR70 combine, 3208 motor, 15' flex, 4RN and 4RW. 610-756-6723. 1980 AC 6080 90hp, 4wd, ROPS, cab, new front/rear tires, 3300 hrs., excellent	1990 Ford NH skid loader, #553 Kubota engine, 1283 hrs., bucket attachement, pallet forks, post hole dig- ger, 12", 18" auger, all good condition, \$11,500. 717-649-6348 evenings. 1991 3pt., 1 row, 2 seat, vegetable transplanter, like	leader box, new paint, 1000 gal. spray tank, 50° booms, flood and fan tips, 60 gal. foam marker. Seli together or separate. Ask- ing \$23,000/both. 609-859-9673. Agtec crop sprayer, 3pt hitch, 60 gal. tank, good condition, \$3500.	verse, so, so, so, so, so, so, so, so, so, so	Agitator, \$1000 Or Make Offer. (610)469-1162. JD 4320 from Midwest, 115 h.p., year-around cab, very n i c e , \$10,500. 410-833-9091 JD 4430, SG cab, 70% rub- ber, front weights, \$13,500. 410-833-9091
1066 dual remote, dual shafts, good TA, good con- dition; 1466 cab, dual hdy., dual shafts, nice; 986 super, nice '81 model, 4 posts, 20° rubber, dual PTO & remotes, new en- gine job, and new TA; 544 overhauled, 3pt, good con- dition; Farmall M, live hyd., power steering, good con- dition; 717-968-3483. 1086 IH Tractor, \$12000; Houle 6' 3Pt. Hook-Up Manure Pump, \$7500; 3000 Gallon Manure Tank, \$5500; All in Excellent Condition. (814)448-3297.	18.4x38 Tractor Tires; JD 3960 Chopper Forage Harvestor w/Heads; Patz Barn Cleaner Unit. 610-469-9633. 1927 McCormick Deering 10-20 w/side doors, \$800; Oliver 70 standard, \$400; AC Model C w/some equip- ment, \$400. 304/876-6464, 304/263-2976. 1938 John Deere B re- stored, \$3,000. (814)247-8937. 1947 John Deere A; Ford 8N. 717-338-2497 after 4PM.	condition. Call after 6pm, (703)822-4181 1982 Case 2590, 4045 hours, 20.8x38 axel duals, front weight, 200gal. low entry incorporation tank mounted out front, \$15,500, 717-867-4896. 1987 JD 4250 w/Cab, Low Hours, MFWD w/265 Loader, Excellent Condi- tion. (717)549-2195 After 8PM. 1989 Case IH 885 diesel tractor, w/2255 loader, 1900 hrs., MFD, shuttle shift, \$22,500. 610-869-8745.	new, \$1,000. 9N Ford Tractor, 9sp. forward, 3 re- verse, excellent. Rotary tiller, brush hog, fertilizer spreader, plows, 8ft. disc, and back blade, all 3 point. \$5,000 takes all. 717-937-4198. 1991 Case IH Combine with Special Rotary 1020 Grain Head, 800 Hours, Mint Condition. (410)758-2763. 1948 John Deere B, in fam- ily since new, excellent for restoring, also quick attach cultivator, asking \$2000. 717-272-2477.	908-788-5401. AIR COMPRESSORS, 165 CFM, 4 cyl. Deutz diesel, \$1500; 185 CFM w/4 cyl. JD diesel, \$1750. 410-337-3570 anytime. Airway, good condition, \$2,750. 5 bottom reset plow \$950. 6500 gal. HD polytank, w/pump, excel- lent cond., \$1,500. 301-694-8624. Artsway 500 Portable Hammermill, excellent condition, 4% bn capacity, \$9000; NH #285 hay baler, good condition, \$1700. 717/548-2312.	Case International 495 4WD Drive Tractor w/Front End Loader, 52 HP, Only 400 Hours, Like New. \$24,000. (301)824-2348. Case Tractors: 930, 500; H 660, 560, 650, 600; WD9. All diesets. Farmali M. New & used parts for Case 930, 500, RC, SC, IH, W9, WD9. SALES & SERVICE. Reasonable rates. KINGS TRACTOR, . 1426 Noble RD, Kirkwood, PA 17536. Case Vac Tractor, will run w/some work, \$375. 717/734-3374.	JD 4440, low hours, front wheel assist, excellent condition, tires 2 years old. 610/469-9630. JD 535 crop sprayer. Gehl 88 blower, NH #8 forage wagon. (717)966-2694. JD 5460, 4WD, self- propelled forage harvester, good condition, w/3RN and wide hay pickup head; JD 7000 no-till, 6RN corn planter, Large Lucknow mixer wagon w/scales, model 286; 2580 Harves- tore silo. Also, clean wheat straw. Warriors' Mark, PA 814-632-8686.