$\label{eq:tau_substitute} \boldsymbol{z} = (\boldsymbol{x}_1, \boldsymbol{y}_1, \dots, \boldsymbol{y}_n) + (\boldsymbol{x}_n, \dots, \boldsymbol{y}_n, \dots, \boldsymbol{y}_n)$

58.75-62.50, couple 63.50, few Select and Low Choice 58.00-59.75, Select 54.00-57.50. HOLSTEINS: few Choice 1485/1600

lbs. 54.75-57.00, Select 46.00-54.50, few Standard 41.50-43.25. HEIFERS: Choice 1050/1460 lbs.

57.75-63.00, few Select 48.00-55.75.

COWS: Breaking Utility and Commercial 35.50-39.25, couple 40.25, Cutter and Boning Utility 33.00-37.50, couple 39.00, Canner and Low Cutter 28.00-33.00. Shells 25.00.

BULLOCKS: couple Select 48.50 & 49.75.

BULLS: few Yield Grade No. 1 1375/1760 lbs. 40.00-47.75.

FEEDER CATTLE: STEERS: Large Frame No. 2 450/1090 lbs. 32.00-45.50. CALVES 169...VEALERS: Standard and Good 75/105 lbs. 35.00-40.00, Utility 50/85 lbs. 25.00-34.00.

FARM CALVES: No. 1 Holstein bulls 90/125 lbs. 68.50-92.50, No. 2 80/110 lbs. 40.00-66.00; few No. 1 Holstein heifers 80/120 lbs. 57.00-142.50, few No. 2 70/90 lbs. 40.00-50.00. Few beef cross bulls and heifers 75/100 lbs. 37.00-47.00.

HOGS 374...(02/05 & 06/96)..Bulk of supply sold on Monday and reported by the auction. Barrows and gilts 3.00 higher, sows 4.00 higher.

BARROWS AND GILTS: US 1-2 220/255 lbs. 47.00-48.50, US 1-3 230/270 lbs. 45.50-47.25, US 2-3 235/285 lbs. 44.00-45.50.

SOWS: US 1-3 325/675 1bs. 28.75-38.75, couple 40.00. BOARS: few 29.50.

FERDER PIGS 1/2...Lot US 1-3 60 lbs. 21.00. — per head. SHEEP 20...SL/.UGHTER SHEEP:

31.00-37.00.

GOATS 4...One Large 50.00, one Medium 38.00, one Small Kid 14.00. ---

OK City Feeder Cattle

OKLAHOMA CITY, OK FEBRUARY 7, 1996

Compared to last Monday: Feeder cattle and caives steady. Demand unusually good for very light supply. Light receipts due to 7 days of record low temperatures making livestock handling unfeasible. Slaughter cows and bulls lightly tested with 75 head available. Packer demand excellent. Slaughter cows 2.00-3.00 higher, slaughter bulls 1.00 higher. Strong market is attributed to massive arctic front which has allowed very few cows to move to slaughter. Receipts this week 1,050; last week 10,756; last year 13,397. Supply consisted of 62 percent yearlings and calves over 600 lbs; 31 percent calves under 600 lbs; 7 percent cows and bulls. Prices follow with weighted average weight and price in parenthesis. Feeder Steers: Medium and Large 1 400-450 lbs (437 lbs) 63.50-65.75 (64.68); 500-600 lbs (550 lbs) 57.00-61.00 (58.80); 600-700 lb calves (650 lbs) 56.75-58.75 (57.43); 700-800 lbs (750 lbs) 57.00-58.50 (58.28); 800-900 lbs (850 lbs) 55.00-58.25 (57.75). Holsteins: Large 2 950 lbs 33.35. Feeder Heifers: Medium and Large 1 350-400 lbs (358 lbs) 53.50-57.00 (55.32); 400-500 lbs (450 lbs) 52.25-56.50 (54.58); 500-600 lbs (550 lbs) 50.50-53.00 (51.81); 600-700 lbs (650 lbs) 51.00-53.50 (51.72); 700-800 lbs (750 lbs) 50.50-54.50 (51.98); 820 lbs 50.25. Slaughter Cows: Cutter, boning and few breaking Utility average dressing 33.25-36.50; high dressing 35.30-38.50, high dressing/high boning Limousin 40.50; low dressing 30.00-33.00. few Canne 25.50-26.00. Estimated dressed cost at the Oklahoma National Stockyards: Cutters 74.50; Boning Utility 70.25; Breaking Utility 67.00. Bulls \$4.10. Canners son Slaughter Bulls: Yield Grade 1 1300-2350 lbs average dressing 46.00-47.50; high dressing not tested; low dressing 42.50-45.00.

Westminster Livestock Auction

Hagerstown, Md. February 6, 1996

Report supplied by auction SLAUGHTER COWS: ACTIVE! 1.00 HIGHER! UTILITY 34.00-38.50; HIGH DRESSING 38.75-41.25, 1 AT 43.00; CANNERS 30.00-34.50; SHELLY 30.00

BULLS: FEW OFFERED. YG#1 950-1100 LBS. 43,00-44.50; YG#2 1500 LBS. TO 38.50.

FED STEERS: NO HIGH CHOICE OR PRIME; FEW CHOICE 1100-1300 LBS. 60.00-61.00; LOW CHOICE 1300-1500 LBS. 53.00-56.50; SELECT 1100-1300 LBS. 44.00-48.00.

FED HEIFERS: LOW CHOICE 1000 LBS. TO 56.75.

VEAL CALVES: CHOICE, NONE; GOOD 250-350 LBS. 43.00-51.00; CULLS 85-110 LBS. 30.00-42.00; 50-80 LBS. 25.00-35.00.

FARM CALVES: HOLSTEIN BULLS #1 90-120 LBS. 65.00-81.00; #2 80-100 LBS. 45.00-60.00; HOLSTEIN HEIFERS #1 90-120 LBS. 130.00-140.00; #2 75-95 LBS. 40.00-65.00; BREF X BULLS TO 50.00: HEIFERS TO 40.00.

BUTCHER HOGS: 30 HEAD, NO TOPS OFFERED; FEW 240 LBS. TO 44.00; 24 HEAD 215 LBS. AT 43.00; FEW

350 LBS. AT 39.00. 80WS: 300-450 LBS. 30.00-34.50; 450-600 LBS. 32.00-34.00; 600-750 LBS. 33.50-35.00.

BOARS: 450-750 LBS. TO 25.75. STOCK CATTLE: STEERS, POOR QUALITY. OFFERED 300-500 LBS. 43.00-50,00; 500-700 LBS. 42.00-46.00; 700-900 LBS. 43.00-46.00; 900-1050 LBS. 45,00-50.00.

HBIFERS: 300-500 LBS. 31.00-41.00; 500-700 LBS. 30.00-40.00; 700-900 LBS. FEW TO 42.00; HOL 400-900 LBS. 32.00-46.00.

BULLS: 300-500 LBS. 36.00-43.00; 500-700 LBS. 35.00-43.00; 700-900 LBS. 39.00-43.00.

LAMBS: 25 HEAD. CHOICE 110-125 LBS. 73.00-\$0.00; 95-110 LBS. 79.00-90.00; 80-95 LBS. \$2.00-92.00; 50-80 LBS. 97.00-128.00.

SHEEP, 10 HEAD. ALL WEIGHTS 30.00-42.00; FEW TO 60.00.

GOATS: 12 HEAD. FEW LARGE AT 100.00; MEDIUM 40.00-63.00; SMALL 21.00-30.00.

PIGS AND SHOATS: GRADED SALE 80 HEAD. 8 HEAD 31 LBS. AT 61.00; 7 HEAD 37 LBS. 36.00-38.00; 12 HEAD 47-51 LBS. 45.00-48.00; 45 HBAD 63-78 LBS, 50.00-53.00; 3 HEAD 87 LBS, AT 44.00; 3 HEAD 98 LBS. AT 35.00.

New Wilmington Livestock

NEW WILMINGTON, PA **FEBRUARY 5, 1996**

CATILE 109... PDA .. Compared with last week's sale..cows 1.25 to 3.25 higher. STEERS: Choice 1025/1425 lbs. 58,25-62.00.

COWS: Breaking Utility and Commercial 33.25-37.75, Cutter and Boning Utility

30.00-36.25, Cenner and Low Cutter 27.00-30.75. Shells down to 23.00.

Lancaster Farming, Seturday, February 10, 1996-A7

BULLS: few Yield Grade No. 1 1275/1325 lbs. 38.00-39.00, souple No. 2 1020/1315 lbs. 32.00 & 37.75.

FEEDER CATTLE: HEIFERS: few Large Frame No. 2 725/850 lbs. 33.50-36.00;

BULLS: few Large Frame No. 2 575/750 lbs. 32.00-42.00.

CALVES 116...VEALERS: Standard nd Good 85/100 lbs. 20.00-40.00, Utility

55/75 lbs. 10.00-20.00. FARM CALVES: No. 1 Holstein bulls 90/120 lbs. 80.00-89.00, No. 2 90/140 lbs. 75.00-78.00, some 43.00; one No. 1 Holstein heifer 95 lbs. 120.00, No. 275/110 lbs. 32.50-110.00. Couple beef cross bulls and heifers 85 lbs. 42.50 & 44.60;

HOGS 223...Barrows and gilts steady to 2.00 higher.

BARROWS AND GILTS: US 1-2 210/260 lbs. 46.35-46.85, lot 47.50, US 1-3 210/270 lbs. 44.85-45.60, US 2-3 215/225 lbs. 44.35-44.50.

SOWS: US 1-3 325/575 lbs. 30.75-38.00.

BOARS: couple 355/565 lbs. 24.25 &

24.75. FEEDER PIGS 26...US 1-3 30/65 lbs.

10.00-18.00. --- per head. SHEEP 59..SLAUGHTER LAMBS:

few Choice 100/130 lbs. 74.00-82.00, 65/100 lbs. 80.00-89.00, few 50/60 lbs. 92.00-95.00.

NEW CROP LAMBS: Choice 65/90 lbs. 90.00-100.00.

SLAUGHTER SHEEP: 24.00-35.00. GOATS 7...One Medium 50.00, few Small 33.00-47.50, one Large Kid 19.00. --- per head.

New Holland Horses

New Holland Sales Stables New Holland, PA

Monday, February 5, 1996 Report Supplied By Auction 152 HEAD. MARKET STRONGER. WORK HORSES 985.00-1150.00. DRIVING HORSES 485.00-1250.00. RIDING HORSES 400.00-750.00, 2 AT 975.00 AND 1050.00.

KILLERS, 2 AT 950.00 AND 1050.00, HEAVYWEIGHTS 710.00-885.00; LIGHTWEIGHTS 410.00-635.00.

PONIES 135.00-375.00. LARGE PONIES 460.00-585.00. COLTS 160.00-385.00.

Every acre on your farm is an individual challenge. Filled with its own set of

obstacles. But you can be confident every one of those acres can produce for you. So

MAKE EVERY ACRE COUNT.

And watch your fields deliver come harvest.



3525 **106 CRM**

Proven performance leader in this maturity. 3525 is a widely adapted, stable, highyielding hybrid. Tall plant, excellent for grain and silage Outstanding ear flex and good ear attachment. Strong performer under stress. Manage gray leaf spot placement.

3394 **110 CRM**

Record setting yields and exceptional agronomics. This exciting hybrid combines traits corn growers want: impressive early growth. strong stalks and roots. exceptional stress tolerance, outstanding drydown and lengthy staygreen. Widely adapted to varying soil types, tillage methods and populations. Well suited for corn silage. Manage gray leaf

e#3335 **113 CRM**

A future full-season yield leader for your better soils. Exceptional yield potential. Very good staygreen and above average test weight. Good roots with acceptable stalks and strong staygreen. Taller plant type with impressive tonnage and digestibility. Moderate resistance to gray leaf spot. Plant at moderate

116 CRM

Excellent potential in both high-yield and drought-prone environments. 3223 is a widely adapted hybrid with good overall agronomics. Good root and stalk strength. Exceptional drought tolerance. Above average early growth. 3223 should be an excellent silage hybrid. Manage gray leaf spot placement.

IMPORTANT: Each hybrid has unique strengths and considerations. Contact your Pioneer sales representative for more complete information on these and other Pioneer hybrids.

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