Philadelphia Fruit Market Philadelphia, Pa.

LIMES: 10 lb ctns MX 48s 7.50-8.00 54s 7.50-8.00 63s 7.50-8.00 ----MISC CIT-RUS: 10 lb ctns FL Kumquats 15.00 4/5 buctns FL Lee 80s 18.00 100s 18.00 120s 18.00 2.5 kg crts SP Clementine 36s 4.00 40s 4.00 10 kg crts MR Clementine 108s 14.00-17.00 120s 16.00 132s 12.00 140s 12.00 SP Clementine 82s 18.00 98s 18.00 108s 16.00-17.00 120s 16.00 132s 15.50 ---ORANGES: MARKET STEADY ctns CA Navel 56s 13.00-13.50 fr qual 10.00 72s 11.00-12.50 mostly 12.00 fr qual 10.50 88s 12.00-12.50 fr qual 10.50 113s 10.00-11.00 fr qual 10.00 138s 9.50 4/5 buctns FL Navel 64s 7.00 fr cond 4.00-6.00 80s 6.50-7.00 one label 8.50 Hamlins 64s 8.00 GELOS: 4/5 buctns FL Minneola 48s 14.00-15.00 54s 14.00-15 00 64s 13.00-14.00 80s 12.00-13.00 100s 8.50 --- TANGERINES: MARKET STEADY 4/5 buctns FL Dancy 100s 17.00 120s 16.00-18 00 150s 16.00 Sunburst 150s 18 00 180s 16.00-17.00 4/5 bucrts FL Honey 80s 24.00 120s 22.00 150s 21.00 180s 18.00 --- TEMPLES: 4/5 buctns FL 54s 11.50 64s 11.50-14.00 80s 11.50 100s 9 00-10.00 125s 8.00.

BERRIES ---BLUEBERRIES: flts 12 6-oz flmwrpd cups NZ AIR med 22 00 --- CRANBERRIES: OFFERINGS INSUFFI-CIENT TO QUOTE ---MISC BERRIES: flts 12 6-oz flmwrpd cups CL AIR Blackbernes 16.00 --- RASPBERRIES: OFFER-INGS INSUFFICIENT TO QUOTE ---STRAWBERRIES: MARKET LOWER flts 12 1-pt bkts CA med-lge 15.00 FL med-lge 10.00-12.00 some 9.00 sml-med 6.00 MX med-lge 13.00 flts 1 lyr FL lge with stems 20.00.

MELONS --- CANTALOUPS: OFFER-INGS LIGHT 1/2 ctns DR 23s 21.00 HD 12s 20.00-22.00 ---HONEYDEWS: OFFERINGS LIGHT 2/3 ctns EC 5s 24.00 8s 22.00 --- MISC MELONS: OFFER-INGS INSUFFICIENT TO QUOTE ---WATERMELONS: MARKET ABOUT STEADY ctns MX Sangria 3s 18.00 fair cond 13.00-14.00 4s fair cond 12.00-14.00 Jubilee 3s 20.00 fair cond 13.00-15.00 4s fair cond 12.00-14.00.

NON-CITRUS FRUITS --- APPLES: MARKET ABOUT STEADY NEW CROP CA CAFcy Fuji one lyr ctns 20s & 22s 12.50 ctns trypk CA U.S. ExFcy Gran-ny Smith 88s 18.00 113s 12.00 125s 12.00 WA WAExFcy Red Delicious 80s one label 20.00 88s one label 20.00 100s 15.00-17.00 few hias 18.50 one label 20.00 Golden Delicious 80s 18.00 88s 18.00-20.00 100s 15.00 113s 14.00 125s 14.00 138s 12.00 Granny Smith 100s 15.00 U.S. ExFcy Red Delicious 56s 13.50 88s 15.00 100s 13.50-15.00 mostly 15.00 113s 15.00 125s 15.00 138s 15.00 Golden Delicious 88s one label 23.00 ctns celpk VT U.S. One Mcintosh 80s 9.50 100s 9.00 ctns 12 3-lb flmbgs CA U.S. ExFcy Granny Smith 2 1/4" min 10.00 PA U.S. Fey Red Delicious 2 1/2" up 8.00-8.50 --- APRICOTS: OFFERINGS LIGHT ctns 2 lyr trypk CL BOAT Katy fr cond 84s, 94s 108s 5 00-8 00 --- AVOCADOS: MARKET LOWER ctns 2 lyr CA Hass 48s 19.00-19.50 fair cond 18.00 ---BANANAS: ctns IMPORT 1000 fr qual 8.50 film wrpd 10.50 ctns institutional pk IMPORT petite 12 00 --- CHERRIES: OFFERINGS LIGHT 11 lb ctns CL Bing

11 row sz ord cond 3.00 ---FRUITS OTHER: NO SALES REPORTED ---**GRAPES: MARKET STEADY 18 lb lugs** wrpd CL BOAT Perlette 14.00-18.00 mostly 18.00 lge 20.00 Thompson Seedless 20.00-24.00 ige 24.00 sml berry sz 18.00-20.00 Flame Seedless 20.00-23.00 mostly 22.00 some best size hias 24.00 Red Seedless 22.00 Superior Seedless 22.00 fr cond 12.00-18.00 mos 15.00-18.00 ---

KIWIFRUIT: MARKET ABOUT STEADY flts 1 lyr CA 30s 5.50-6.00 33s 5.50-6.50 mostly 6.00 36s 5.00-6.00 39s 5.50-6.50 mostly 6.00 few 7.00 42s 6.00 ---MANGOES: ctns 1 lyr BR Tommy Atkins 10s 7.50-9.00 12s 7.50-9.00 14s 7.50-9.00 ---NECTARINES: OFFERINGS LIGHT ctns/lugs 2 lyr trypk CL royal star 64s 12.00 72s 10.00 May Grand 60s 12.00 ---PAPAYA: 10 lb ctns HI AIR 10s 13.00 ---

PEACHES: OFFERINGS LIGHT CL Merrill Gemfree 60s 10.00 fcw 12.00 fr cond 4.00-6 00 44s fr cond 4.00-6.00 ctns/ lugs 2-lyr trypk CL Springcrest 60s 10.00 lindo 50s 9.00 ---PEARS: MARKET STEADY 4/5 buctns CA U.S. One Bosc 90s 22.00 100s 21.00 110s 20.00 120s 18.00 WA U.S. One D'Anjou 70s 18.50-21.00 80s 20.00-21.00 90s 20.00-21.00 100s 20.00 110s 19.50 120s 19.50 1/2 bu ctns WA U.S. One D'Anjou red 66s 16.50 --- PERSIMMONS: OFFER-INGS INSUFFICIENT TO QUOTE ---

PINEAPPLES: cins 2 lyr HD 16s fr qual 7.00 ctns HI AIR 6s 12.00 --- PLUMS: lugs 2-lyr CL BOAT Black Beaut 90s 5.00 78s 10.00-12.00 fr cond 8.00-10.00 80s 8.00-10.00 Red Beaut 90s few 12.00 98s 5.00 100s few 10.00 108s 5.00 110s 5.00 ---POMEGRANATES: OFFERINGS NONE --- PRUNES: OFFERINGS NONE.

WHICH CAME FIRST THE CHICKEN OR THE EGG?

Penn State

Poultry

Pointers

Poultry Science

Guy F. Barbato Assistant Professor **Poultry Science**

The question of "which came first, the chicken or the egg?" is so old and cliched that it almost begs the question, "why did the chicken cross the road?"

However, those of us who work with poultry on a routine basis often forget the origins of our feathered friends.

To understand the hows and whys of the existence of today's

Agricultural & Biological Engineering Agricultural Economics chicken, it is useful to recall some of the history of the fowl.

Veterinary Science

Capital Region

Man began to domesticate animal species 15 to 20 thousand years ago somewhere in southeast Asia. The practical definition of domestication would be the situation where the breeding, care, and feeding of the animals were under the continuous control of man.

The first animal to be domesticated by man was the dog, which provided a variety of advantages to man. Among these were several roles which we don't normally consider. The dog may have been a source of milk for children, and were certainly used to keep children warm. They also helped to hunt

(Turn to Page A38)



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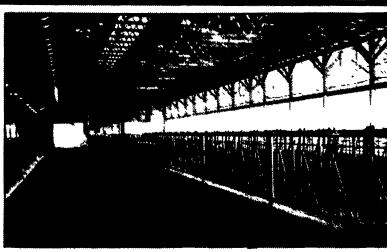
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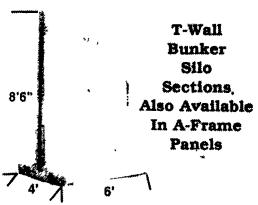


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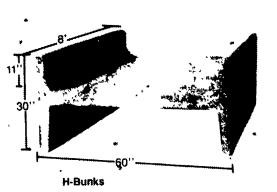


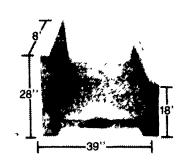
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J-Bunks

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