

## DOMESTIC DAIRY SEMEN SALES (1)

UNITS OF SEMEN

| BREED                | 2006              | 2005              | %+/-         |
|----------------------|-------------------|-------------------|--------------|
| HOLSTEIN             | 16,802,591        | 15,989,752        | 5.08%        |
| JERSEY               | 1,424,729         | 1,326,715         | 7.39%        |
| R&W/RED HOLSTEIN     | 152,590           | 135,142           | 12.91%       |
| BROWN SWISS          | 150,077           | 160,696           | -6.61%       |
| AYRSHIRE             | 46,046            | 40,754            | 12.99%       |
| HOLSTEIN-RED CARRIER | 43,489            | 49,744            | -12.57%      |
| GUERNSEY             | 42,360            | 44,101            | -3.95%       |
| MILKING SHORTHORN    | 22,456            | 21,377            | 5.05%        |
| OTHER DAIRY          | 25,549            | 38,164            | -33.05%      |
| TOTAL                | <u>18,709,887</u> | <u>17,806,445</u> | <u>5.07%</u> |

## DAIRY SEMEN IMPORT SALES (1)

UNITS OF SEMEN

| BREED                | 2006           | 2005           | %+/-         |
|----------------------|----------------|----------------|--------------|
| HOLSTEIN             | 159,118        | 214,645        | -25.87%      |
| SWEDISH RED          | 90,705         | 57,775         | 57.00%       |
| R&W/RED HOLSTEIN     | 48,860         | 37,312         | 30.95%       |
| MONTBELIARDE         | 36,369         | 10,433         | 248.60%      |
| JERSEY               | 33,192         | 35,990         | -7.77%       |
| HOLSTEIN-RED CARRIER | 20,968         | 3,253          | 544.57%      |
| BROWN SWISS          | 5,962          | 4,799          | 24.23%       |
| AYRSHIRE             | 2,292          | 290            | 690.34%      |
| NORWEGIAN RED        | 1,333          | 4,623          | -71.17%      |
| OTHER DAIRY          | 2,109          | 2,281          | -7.54%       |
| TOTAL                | <u>400,908</u> | <u>371,401</u> | <u>7.94%</u> |

## CUSTOM FROZEN DAIRY SEMEN (1)

UNITS OF SEMEN

| BREED             | 2006             | 2005             | %+/-          |
|-------------------|------------------|------------------|---------------|
| HOLSTEIN          | 1,483,171        | 1,599,165        | -7.25%        |
| JERSEY            | 258,225          | 138,518          | 86.42%        |
| BROWN SWISS       | 120,444          | 128,517          | -6.28%        |
| R&W/RED HOLSTEIN  | 8,196            | 51,618           | -84.12%       |
| MILKING SHORTHORN | 13,416           | 9,481            | 41.50%        |
| GUERNSEY          | 5,410            | 4,864            | 11.23%        |
| AYRSHIRE          | 10,023           | 3,805            | 163.42%       |
| OTHER DAIRY       | 2,720            | 8,167            | -66.70%       |
| TOTAL             | <u>1,901,605</u> | <u>1,944,135</u> | <u>-2.19%</u> |

## DAIRY SEMEN EXPORT SALES (1)

UNITS OF SEMEN

| BREED                | 2006              | 2005             | %+/-          |
|----------------------|-------------------|------------------|---------------|
| HOLSTEIN             | 9,842,578         | 8,608,296        | 14.34%        |
| JERSEY               | 768,952           | 646,912          | 18.87%        |
| BROWN SWISS          | 240,693           | 325,900          | -26.15%       |
| R&W/RED HOLSTEIN     | 85,088            | 96,607           | -11.92%       |
| AYRSHIRE             | 21,713            | 32,622           | -33.44%       |
| GUERNSEY             | 12,913            | 16,526           | -21.86%       |
| SWEDISH RED          | 3,903             | 4,147            | -5.88%        |
| MILKING SHORTHORN    | 3,124             | 7,642            | -59.12%       |
| HOLSTEIN-RED CARRIER | 2,560             | 15,685           | -83.68%       |
| OTHER DAIRY          | 4,026             | 5,624            | -28.41%       |
| TOTAL                | <u>10,985,550</u> | <u>9,759,961</u> | <u>12.56%</u> |

## DAIRY SEMEN EXPORT SALES (2)

UNITS OF SEMEN

|             | 2006              | 2005             | %+/-          |
|-------------|-------------------|------------------|---------------|
| WORLD TOTAL | <u>11,396,016</u> | <u>9,768,331</u> | <u>16.66%</u> |

## DAIRY SEMEN EXPORT SALES (2)

DOLLAR VALUE

|             | 2006                | 2005                | %+/-          |
|-------------|---------------------|---------------------|---------------|
| WORLD TOTAL | <u>\$66,188,815</u> | <u>\$54,278,855</u> | <u>21.94%</u> |

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**DOMESTIC BEEF SEMEN SALES (1)**  
UNITS OF SEMEN

| BREED           | 2006             | 2005             | %+/-          |
|-----------------|------------------|------------------|---------------|
| ANGUS           | 1,071,029        | 968,472          | 10.59%        |
| SIMMENTAL       | 95,954           | 90,290           | 6.27%         |
| RED ANGUS       | 89,570           | 82,126           | 9.06%         |
| POLLED HEREFORD | 40,687           | 36,612           | 11.13%        |
| CHAROLAIS       | 16,187           | 12,177           | 32.93%        |
| MAINE ANJOU     | 15,597           | 9,482            | 64.49%        |
| BRAHMAN         | 10,587           | 9,478            | 11.70%        |
| BRANGUS         | 10,503           | 9,369            | 12.10%        |
| GELBIEH         | 7,796            | 8,392            | -7.10%        |
| CHI-MAINE       | 5,921            | 3,900            | 51.82%        |
| LIMOUSIN        | 4,245            | 5,435            | -21.90%       |
| CHIANINA        | 3,946            | 4,690            | -15.86%       |
| SHORTHORN       | 3,776            | 2,050            | 84.20%        |
| SANTA GERTRUDIS | 3,039            | 2,017            | 50.67%        |
| HEREFORD        | 2,694            | 2,634            | 2.28%         |
| DUTCH BELTED    | 1,640            | 736              | 122.83%       |
| NORMANDE        | 1,152            | 1,778            | -35.21%       |
| OTHER BEEF (a)  | 19,778           | 24,005           | -17.61%       |
| TOTAL           | <u>1,404,101</u> | <u>1,273,643</u> | <u>10.24%</u> |

(a) Other Beef includes: Beef Friesian, Beefmaster, Belgian Blue, Blonde D'Aquit., Braford, Brahman (Red), Brahmental-Simbrah, Brahmousin, Brangus (Red), Braunvieh, ChiAngus, Crossbreed, Devon, Dexter, Galloway, Gelbray, Gyr, Longhorn, Lowline (Loala), Murray Grey, Nellore, Piedmont, Pinzgauer, Romagnola, Salers, Scotch Highland, Senapol, Shorthorn (Scotch), South Devon, Tarantaise, Wagyu, White Park, and Misc. Beef.

**BEEF SEMEN IMPORT SALES (1)**  
UNITS OF SEMEN

| BREED        | 2006       | 2005       | %+/-           |
|--------------|------------|------------|----------------|
| BELGIAN BLUE | 247        | 438        | -43.61%        |
| NORMANDE     | 378        | 316        | 19.62%         |
| MISC. BEEF   | 5          | 11         | -54.55%        |
| TOTAL        | <u>630</u> | <u>765</u> | <u>-17.65%</u> |

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**BEEF SEMEN EXPORT SALES (1)**  
UNITS OF SEMEN

| BREED           | 2006           | 2005           | %+/-          |
|-----------------|----------------|----------------|---------------|
| ANGUS           | 366,838        | 229,158        | 60.08%        |
| RED ANGUS       | 189,442        | 132,546        | 42.93%        |
| POLLED HEREFORD | 44,754         | 34,955         | 28.03%        |
| SIMMENTAL       | 38,187         | 45,959         | -16.91%       |
| CHAROLAIS       | 38,095         | 25,452         | 49.67%        |
| BRAHMAN         | 36,452         | 51,964         | -29.85%       |
| LIMOUSIN        | 20,630         | 8,973          | 129.91%       |
| GYR             | 5,350          | 4,560          | 17.32%        |
| BRANGUS         | 4,644          | 7,975          | -41.77%       |
| BRAHMAN (RED)   | 3,685          | 5,690          | -35.24%       |
| SENAPOL         | 2,470          | 2,814          | -12.22%       |
| GELBVIEWH       | 2,431          | 2,279          | 6.67%         |
| BEEFMASTER      | 1,030          | 1,295          | -20.46%       |
| BELGIAN BLUE    | 1,027          | 1,089          | -5.69%        |
| OTHER BEEF (b)  | 4,760          | 6,394          | -25.56%       |
| TOTAL           | <u>759,795</u> | <u>561,103</u> | <u>35.41%</u> |

(b) Other Beef includes: Beef Friesian, Blonde D'Aquit., Braford, Brahmental-Simbrah, Brangus (Red), Braunvieh, ChiAngus, Chianina, Chi-Maine, Crossbreed, Dexter, Dutch Belted, Galloway, Gelbray, Horned Hereford, Longhorn, Maine-Anjou, Nellore, Normande, Piedmont, Red Poll, Romagnola, Salers, Santa Gertrudis, Scotch Highland, Shorthorn, Scotch Shorthorn, South Devon and Misc. Beef.

**BEEF SEMEN EXPORT SALES (2)**  
UNITS OF SEMEN

|             | 2006           | 2005           | %+/-          |
|-------------|----------------|----------------|---------------|
| WORLD TOTAL | <u>751,495</u> | <u>553,305</u> | <u>35.82%</u> |

**BEEF SEMEN EXPORT SALES (2)**  
DOLLAR VALUE

|             | 2006               | 2005               | %+/-          |
|-------------|--------------------|--------------------|---------------|
| WORLD TOTAL | <u>\$2,707,004</u> | <u>\$2,113,181</u> | <u>28.10%</u> |

**CUSTOM FROZEN BEEF SEMEN (1)**  
UNITS OF SEMEN

| BREED                 | 2006             | 2005             | %+/-          |
|-----------------------|------------------|------------------|---------------|
| ANGUS                 | 1,023,439        | 975,725          | 4.89%         |
| RED ANGUS             | 155,331          | 105,236          | 47.60%        |
| SIMMENTAL             | 151,542          | 111,527          | 35.88%        |
| BRAHMAN               | 125,965          | 113,611          | 10.87%        |
| WAGYU                 | 124,466          | 18,605           | 568.99%       |
| MAINE ANJOU           | 104,663          | 181,617          | -42.37%       |
| POLLED HEREFORD       | 101,552          | 86,928           | 16.82%        |
| CHAROLAIS             | 99,845           | 100,000          | -0.16%        |
| LIMOUSIN              | 85,718           | 85,179           | 0.63%         |
| BRANGUS               | 80,179           | 53,928           | 48.68%        |
| HEREFORD              | 80,158           | 68,363           | 17.25%        |
| BEEFMASTER            | 75,682           | 57,974           | 30.54%        |
| SHORTHORN (SCOTCH)    | 57,409           | 62,217           | -7.73%        |
| CHI-MAINE             | 55,069           | 33,300           | 65.37%        |
| AMERICAN BUCKING BULL | 53,732           | 1,568            | 3326.79%      |
| GELBVIEWH             | 50,264           | 59,826           | -15.98%       |
| SHORTHORN             | 39,938           | 28,284           | 41.20%        |
| SENAPOL               | 24,658           | 48,015           | -48.65%       |
| MARCHIGIANA           | 21,562           | 0                | 0.00%         |
| TEXAS LONGHORN        | 19,802           | 18,768           | 5.51%         |
| BONSMARA              | 16,531           | 34,882           | -52.61%       |
| RED BRANGUS           | 15,901           | 11,586           | 37.24%        |
| BRAHMAN (RED)         | 15,336           | 16,240           | -5.57%        |
| SALERS                | 14,613           | 12,924           | 13.07%        |
| CHI-ANGUS             | 14,437           | 17,610           | -18.02%       |
| BRAHMENTAL/SIMBRAH    | 11,463           | 10,619           | 7.95%         |
| CHIANINA              | 11,351           | 10,704           | 6.04%         |
| BRAUNVIEWH            | 10,640           | 5,689            | 87.03%        |
| SANTA GERTRUDIS       | 9,347            | 13,202           | -29.20%       |
| BELGIAN BLUE          | 8,381            | 6,237            | 34.38%        |
| WHITE PARK            | 7,965            | 278              | 2765.11%      |
| LOWLINE (LOALA)       | 6,783            | 5,278            | 28.51%        |
| ROMAGNOLA             | 5,751            | 4,375            | 31.45%        |
| SCOTCH HIGHLAND       | 5,561            | 6,022            | -7.66%        |
| DUTCH BELTED          | 4,535            | 555              | 717.12%       |
| SOUTH DEVON           | 3,771            | 10,660           | -64.62%       |
| GUZARET               | 2,259            | 0                | 0.00%         |
| OTHER BEEF (c)        | 303,492          | 279,194          | 8.70%         |
| TOTAL                 | <u>2,999,091</u> | <u>2,656,726</u> | <u>12.89%</u> |

(c) Other Beef includes: American Breed, Amerifax, Ankina, Barzona, Beef Friesian, Beefalo Belted Galloway, Blonde D'Aquit., Braford, Brahmousin, British White, Buelingo, Corriente, Crossbreed, Devon, Dexter, Galloway, Gelbray, Indu-Brazil, Mashona, Murray Grey, Nellore, Normande, Parthenaise, Piedmont, Pinzgauer, Red Poll, Tabapua, Tarantaise, Tuli, White Park, and Misc. Beef.

(1) Based on Quarterly Reports of Semen Sold and Custom Frozen

(2) Based on Quarterly Survey of Semen Sold for Export