

AGRICULTURE CANADA

FEDERAL - PROVINCIAL
RECORD OF PERFORMANCE - BEEF CATTLE

DATE : 86/02/06

LEVEL 111
ENROLLMENT NUMBER : 4000
R.O.P. NUMBER : 4000
CALF CROP YEAR : 85
LISTED WEIGHTS ARE REPORTED IN : LBS.

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HERD MANAGEMENT SUMMARY

COW HERD SUMMARY AND AVERAGES

| | | | |
|--|-------|---|----------|
| 1. NO. OF COWS AGED LESS THAN 2 YEARS LEFT ON INV. | 0 | 11. FIRST CALF BORN IN CALVING PERIOD | 85/01/06 |
| 2. NO. OF COWS AGED 2 YEARS OR MORE LEFT ON INV. | 94 | 12. LAST CALF BORN IN CALVING PERIOD | 85/04/17 |
| 3. AVERAGE AGE OF COWS LEFT ON INVENTORY (YR - MO) | 6 - 2 | 13. CALVING PERIOD LENGTH (DAYS) | 101 |
| 4. NO. OF COWS EXPOSED TO BREEDING LAST CALF CROP YR | 0 | 14. AVERAGE CALVING INTERVAL/COM (DAYS) | 357 |
| 5. NO. OF COWS CALVING | 94 | 15. CALVING INTERVAL RANGE (DAYS) | 313-400 |
| 6. NUMBER OF COWS AGED 2 YEARS OR MORE NOT CALVING | 1 | 16. NO. OF COWS HEAVING A CALF | 89 |
| 7. NUMBER OF CALVES BORN | 99 | 17. NUMBER OF CALVES HEAVED | 94 |
| 8. CALVING PERCENTAGE (% OF 4. ABOVE) | 105 | 18. HEAVING PERCENTAGE (% OF 5. ABOVE) | 100 |
| 9. NUMBER OF EMBRYO TRANSPLANTS | 0 | 19. AVERAGE AGE OF CALVES AT HEAVING (DAYS) | 217 |
| 10. LBS. OR KGS. CALF HEAVED PER COW CALVED | 585 | | |

SUMMARY OF DISPOSALS

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | TOTALS |
|--------|----------|-----|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| EXPORT | BREEDING | AGE | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD | PHYS DEFILLON PROD |
| COWS | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 17 |
| CALVES | | | | | | | | | | | | | | | | | | | | 4 |

AVERAGE ACTUAL HEAVING WEIGHTS AND NUMBERS OF CALVES BY COW AGES FOR COWS CALVED

| COW AGE IN YEARS | | | | | | | | | |
|------------------|-----|-----|-----|-----|-----|------|-----|-----|-----|
| 2 | | 3 | | 4 | | 5-11 | | 12+ | |
| WT. | NO. | WT. | NO. | WT. | NO. | WT. | NO. | WT. | NO. |

AVERAGE ACTUAL HEAVING WEIGHTS AND NUMBERS OF CALVES BORN IN SUCCEEDING 20 DAY PERIODS

| 1ST 20 DAYS | | 2ND 20 DAYS | | 3RD 20 DAYS | | 4TH 20 DAYS | | 5TH 20 DAYS | |
|-------------|-----|-------------|-----|-------------|-----|-------------|-----|-------------|-----|
| NO. | WT. | NO. | WT. | NO. | WT. | NO. | WT. | NO. | WT. |

| | | | | | | | | | | | | | | | | | | | | |
|----------------|-----|----|-----|----|-----|----|-----|----|-----|----|---|----|----|-----|----|-----|-----|----|----|-----|
| NUMBER OF COWS | 599 | 21 | 11 | 31 | 41 | 18 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| BULLS | 599 | 9 | 534 | 6 | 534 | 3 | 412 | 20 | 441 | 6 | 1 | 6 | 7 | 652 | 25 | 22 | 420 | 10 | 10 | 575 |
| FEMALES | 544 | 11 | 466 | 4 | 509 | 9 | 577 | 21 | 583 | 4 | 1 | 6 | 6 | 652 | 27 | 26 | 599 | 10 | 10 | 574 |
| STEERS | | | | | | | | | 624 | 3 | 1 | | | | 1 | 624 | | | | |
| ALL CALVES | 580 | 20 | 544 | 10 | 515 | 12 | 604 | 41 | 619 | 11 | 1 | 14 | 13 | 625 | 52 | 49 | 604 | 20 | 20 | 575 |

COWS CALVING AFTER FIRST 60 DAYS OF CALVING SEASON

| | | | | | | | | | | | | | | | | | | | | | | | |
|--------|-----|--------|-----|--------|-------|--------|-----|--------|------|--------|----|--------|----|--------|-----|--------|-----|--------|----|--------|-----|--------|-----|
| AR NOT | 17J | AR NOT | 74J | AR NOT | 7055J | AR NOT | 40K | AR NOT | 155L | AR NOT | 2H | AR NOT | 2H | AR NOT | 14H | AR NOT | 87H | AR NOT | 8P | AR NOT | 25P | AR NOT | 39P |
| AR NOT | 75R | | | | | | | | | | | | | | | | | | | | | | |

PROGENY TESTING

Progeny testing enables producers to evaluate the genetic potential of a bull or cow based on progeny performance. It is particularly useful for evaluating mature, unproven, imported bulls for carcass traits and those of low heritability, such as the various maternal and reproductive traits. Progeny testing is the most accurate type of test provided that there are sufficient numbers of offspring. It is also more expensive and time consuming. Progeny testing of young, performance-tested bulls allows optimum genetic evaluation.

Agriculture Canada operates the Canadian Beef Sire Monitoring Program in order to evaluate the performance of

progeny of sires that have calves enrolled under the Record of Performance Program or under the breed association performance programs in Canada. Because data are collected on a large number of progeny, many sires can be accurately evaluated. This applies primarily to AI bulls. The objective of this program is to routinely evaluate widely used beef sires and provide a means for producers to progeny-test individual bulls inexpensively, accurately and rapidly. The majority of progeny-tested bulls that are proven genetically superior are placed in AI Units for widespread distribution.