



# National Cattle Evaluation : 030326

## Statistical Breakdown

| Active Sires                 |     |      |     |     |      |     |     |      |     |                    |     |       |       |       |        |        |
|------------------------------|-----|------|-----|-----|------|-----|-----|------|-----|--------------------|-----|-------|-------|-------|--------|--------|
| Expected Progeny Differences |     |      |     |     |      |     |     |      |     |                    |     |       |       |       | Index  |        |
| Growth and Maternal          |     |      |     |     |      |     |     |      |     | Intake and Carcass |     |       |       |       | Values |        |
|                              | CED | BW   | WW  | YW  | Milk | TM  | CEM | STAY | DOC | YG                 | CW  | CREA  | MARB  | CFAT  | API    | TI     |
| Num Animals                  | 609 | 609  | 609 | 609 | 609  | 609 | 609 | 609  | 609 | 609                | 609 | 609   | 609   | 609   | 609    | 609    |
| High                         | 25  | 4.6  | 96  | 145 | 40   | 61  | 13  | 24   | 23  | 0.25               | 48  | 1.40  | 0.59  | 0.05  | 197.12 | 112.99 |
| Average                      | 15  | -0.7 | 56  | 91  | 27   | 37  | 7   | 13   | 12  | -0.03              | 11  | 0.53  | 0.14  | -0.01 | 157.75 | 90.20  |
| Low                          | 3   | -6.7 | 30  | 42  | 0    | 4   | 0   | 2    | -1  | -0.37              | -24 | -0.04 | -0.38 | -0.08 | 109.07 | 73.97  |
| 1%                           | 23  | -5.2 | 80  | 133 | 37   | 56  | 11  | 21   | 18  | -0.26              | 39  | 1.07  | 0.46  | -0.06 | 186.53 | 104.50 |
| 2%                           | 22  | -4.8 | 79  | 128 | 36   | 54  | 11  | 21   | 18  | -0.23              | 34  | 0.97  | 0.43  | -0.06 | 185.35 | 103.67 |
| 3%                           | 22  | -4.5 | 77  | 127 | 35   | 53  | 11  | 20   | 17  | -0.22              | 32  | 0.94  | 0.41  | -0.05 | 182.90 | 102.81 |
| 4%                           | 21  | -4.3 | 76  | 123 | 35   | 52  | 10  | 19   | 16  | -0.20              | 32  | 0.91  | 0.39  | -0.05 | 180.97 | 102.17 |
| 5%                           | 21  | -4.1 | 75  | 122 | 34   | 51  | 10  | 19   | 16  | -0.19              | 31  | 0.88  | 0.38  | -0.05 | 179.77 | 101.05 |
| 10%                          | 19  | -3.2 | 70  | 113 | 33   | 47  | 9   | 18   | 15  | -0.15              | 26  | 0.80  | 0.33  | -0.04 | 175.10 | 98.29  |
| 15%                          | 19  | -2.7 | 67  | 109 | 32   | 45  | 9   | 17   | 15  | -0.13              | 22  | 0.76  | 0.30  | -0.04 | 171.88 | 96.73  |
| 20%                          | 18  | -2.3 | 65  | 104 | 31   | 44  | 8   | 16   | 14  | -0.11              | 21  | 0.71  | 0.27  | -0.03 | 169.23 | 95.50  |
| 25%                          | 17  | -2.0 | 63  | 101 | 30   | 42  | 8   | 15   | 14  | -0.10              | 18  | 0.67  | 0.24  | -0.03 | 166.93 | 94.27  |
| 30%                          | 17  | -1.7 | 61  | 98  | 29   | 41  | 8   | 15   | 13  | -0.08              | 17  | 0.64  | 0.22  | -0.02 | 165.02 | 92.93  |
| 35%                          | 16  | -1.5 | 59  | 95  | 29   | 39  | 8   | 14   | 13  | -0.07              | 15  | 0.61  | 0.20  | -0.02 | 163.25 | 92.10  |
| 40%                          | 16  | -1.2 | 58  | 94  | 28   | 38  | 7   | 14   | 13  | -0.05              | 13  | 0.58  | 0.18  | -0.02 | 160.82 | 91.31  |
| 45%                          | 16  | -1.0 | 57  | 92  | 28   | 37  | 7   | 13   | 12  | -0.04              | 12  | 0.56  | 0.17  | -0.01 | 159.34 | 90.53  |
| 50%                          | 15  | -0.7 | 56  | 89  | 27   | 36  | 7   | 13   | 12  | -0.02              | 11  | 0.53  | 0.15  | -0.01 | 158.13 | 89.75  |
| 55%                          | 14  | -0.5 | 54  | 87  | 27   | 36  | 7   | 12   | 12  | -0.02              | 9   | 0.50  | 0.13  | -0.01 | 156.46 | 88.94  |
| 60%                          | 14  | -0.3 | 53  | 85  | 26   | 35  | 6   | 12   | 11  | 0.00               | 8   | 0.47  | 0.11  | -0.01 | 154.84 | 88.25  |
| 65%                          | 14  | 0.0  | 52  | 83  | 25   | 34  | 6   | 12   | 11  | 0.01               | 7   | 0.45  | 0.09  | 0.00  | 153.33 | 87.50  |
| 70%                          | 13  | 0.2  | 51  | 81  | 25   | 33  | 6   | 11   | 11  | 0.02               | 5   | 0.42  | 0.07  | 0.00  | 150.99 | 86.85  |
| 75%                          | 12  | 0.5  | 49  | 79  | 24   | 32  | 5   | 11   | 10  | 0.03               | 4   | 0.39  | 0.04  | 0.00  | 149.05 | 85.94  |
| 80%                          | 12  | 0.9  | 48  | 78  | 23   | 31  | 5   | 10   | 10  | 0.05               | 2   | 0.35  | 0.01  | 0.01  | 146.78 | 84.98  |
| 85%                          | 11  | 1.3  | 47  | 75  | 22   | 29  | 5   | 9    | 9   | 0.07               | 0   | 0.31  | -0.02 | 0.01  | 144.71 | 84.10  |
| 90%                          | 10  | 1.7  | 45  | 71  | 20   | 27  | 4   | 8    | 8   | 0.09               | -4  | 0.27  | -0.06 | 0.01  | 139.78 | 82.63  |
| 95%                          | 8   | 2.5  | 41  | 66  | 17   | 24  | 4   | 7    | 7   | 0.12               | -9  | 0.21  | -0.13 | 0.02  | 133.21 | 80.27  |



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## Statistical Breakdown

| Active Dams                  |      |      |      |      |      |      |      |      |      |                    |      |       |       |       |        |        |
|------------------------------|------|------|------|------|------|------|------|------|------|--------------------|------|-------|-------|-------|--------|--------|
| Expected Progeny Differences |      |      |      |      |      |      |      |      |      |                    |      |       |       |       | Index  |        |
| Growth and Maternal          |      |      |      |      |      |      |      |      |      | Intake and Carcass |      |       |       |       | Values |        |
|                              | CED  | BW   | WW   | YW   | Milk | TM   | CEM  | STAY | DOC  | YG                 | CW   | CREA  | MARB  | CFAT  | API    | TI     |
| Num Animals                  | 4284 | 4284 | 4284 | 4284 | 4284 | 4284 | 4284 | 4284 | 4284 | 4284               | 4284 | 4284  | 4284  | 4284  | 4284   | 4284   |
| High                         | 27   | 5.4  | 102  | 164  | 45   | 73   | 17   | 24   | 25   | 0.24               | 63   | 1.52  | 0.92  | 0.05  | 233.34 | 134.36 |
| Average                      | 14   | -0.5 | 58   | 92   | 27   | 38   | 7    | 12   | 12   | -0.03              | 11   | 0.57  | 0.21  | -0.01 | 159.71 | 92.38  |
| Low                          | 2    | -7.7 | 22   | 38   | -3   | 8    | -2   | 2    | -7   | -0.31              | -23  | -0.21 | -0.28 | -0.09 | 112.24 | 72.45  |
| 1%                           | 23   | -4.7 | 91   | 143  | 39   | 62   | 12   | 21   | 19   | -0.23              | 39   | 1.06  | 0.62  | -0.05 | 192.91 | 117.26 |
| 2%                           | 22   | -4.2 | 85   | 136  | 38   | 58   | 11   | 20   | 17   | -0.20              | 34   | 0.96  | 0.55  | -0.04 | 187.34 | 113.61 |
| 3%                           | 21   | -3.7 | 83   | 130  | 37   | 56   | 11   | 19   | 16   | -0.18              | 31   | 0.92  | 0.51  | -0.04 | 184.21 | 110.94 |
| 4%                           | 21   | -3.5 | 81   | 127  | 36   | 55   | 10   | 19   | 16   | -0.17              | 29   | 0.89  | 0.48  | -0.04 | 182.70 | 109.68 |
| 5%                           | 20   | -3.3 | 79   | 124  | 36   | 54   | 10   | 18   | 16   | -0.16              | 28   | 0.87  | 0.46  | -0.04 | 181.26 | 108.33 |
| 10%                          | 19   | -2.6 | 74   | 115  | 34   | 50   | 9    | 17   | 14   | -0.13              | 24   | 0.80  | 0.39  | -0.03 | 176.04 | 103.58 |
| 15%                          | 18   | -2.2 | 70   | 110  | 32   | 47   | 9    | 16   | 14   | -0.11              | 21   | 0.75  | 0.34  | -0.03 | 172.48 | 100.24 |
| 20%                          | 17   | -1.8 | 67   | 105  | 31   | 45   | 8    | 15   | 13   | -0.09              | 19   | 0.71  | 0.31  | -0.02 | 169.85 | 97.95  |
| 25%                          | 17   | -1.5 | 65   | 102  | 31   | 44   | 8    | 15   | 13   | -0.08              | 18   | 0.68  | 0.28  | -0.02 | 167.59 | 96.24  |
| 30%                          | 16   | -1.2 | 63   | 99   | 30   | 42   | 8    | 14   | 13   | -0.07              | 16   | 0.65  | 0.26  | -0.02 | 165.86 | 94.78  |
| 35%                          | 16   | -1.0 | 61   | 96   | 29   | 41   | 8    | 14   | 13   | -0.06              | 15   | 0.62  | 0.25  | -0.01 | 164.38 | 93.62  |
| 40%                          | 15   | -0.8 | 60   | 94   | 28   | 39   | 7    | 13   | 12   | -0.05              | 14   | 0.60  | 0.23  | -0.01 | 162.70 | 92.60  |
| 45%                          | 15   | -0.6 | 58   | 92   | 28   | 38   | 7    | 13   | 12   | -0.04              | 12   | 0.57  | 0.22  | -0.01 | 160.91 | 91.57  |
| 50%                          | 14   | -0.4 | 57   | 90   | 27   | 37   | 7    | 12   | 12   | -0.03              | 11   | 0.56  | 0.20  | -0.01 | 159.28 | 90.71  |
| 55%                          | 14   | -0.2 | 55   | 88   | 27   | 36   | 7    | 12   | 12   | -0.02              | 10   | 0.53  | 0.19  | -0.01 | 157.80 | 89.98  |
| 60%                          | 14   | 0.0  | 54   | 86   | 26   | 35   | 6    | 11   | 11   | -0.01              | 9    | 0.51  | 0.18  | -0.01 | 156.43 | 89.27  |
| 65%                          | 13   | 0.2  | 53   | 84   | 25   | 34   | 6    | 11   | 11   | 0.00               | 8    | 0.49  | 0.16  | 0.00  | 154.78 | 88.49  |
| 70%                          | 13   | 0.4  | 52   | 82   | 25   | 33   | 6    | 10   | 11   | 0.01               | 6    | 0.47  | 0.14  | 0.00  | 152.89 | 87.83  |
| 75%                          | 12   | 0.7  | 50   | 80   | 24   | 32   | 6    | 10   | 10   | 0.01               | 5    | 0.45  | 0.12  | 0.00  | 151.17 | 87.05  |
| 80%                          | 12   | 0.9  | 49   | 77   | 23   | 30   | 5    | 9    | 10   | 0.02               | 3    | 0.42  | 0.09  | 0.00  | 149.18 | 86.14  |
| 85%                          | 11   | 1.2  | 47   | 75   | 22   | 29   | 5    | 9    | 9    | 0.03               | 2    | 0.39  | 0.07  | 0.00  | 147.02 | 85.12  |
| 90%                          | 10   | 1.6  | 44   | 71   | 20   | 27   | 5    | 8    | 9    | 0.05               | -1   | 0.35  | 0.04  | 0.01  | 144.04 | 83.92  |
| 95%                          | 9    | 2.2  | 41   | 65   | 18   | 23   | 4    | 7    | 8    | 0.08               | -4   | 0.30  | -0.02 | 0.01  | 138.95 | 81.93  |



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## Statistical Breakdown

| Non-Parents                  |      |      |      |      |      |      |      |      |      |                    |      |       |       |       |        |        |
|------------------------------|------|------|------|------|------|------|------|------|------|--------------------|------|-------|-------|-------|--------|--------|
| Expected Progeny Differences |      |      |      |      |      |      |      |      |      |                    |      |       |       |       | Index  |        |
| Growth and Maternal          |      |      |      |      |      |      |      |      |      | Intake and Carcass |      |       |       |       | Values |        |
|                              | CED  | BW   | WW   | YW   | Milk | TM   | CEM  | STAY | DOC  | YG                 | CW   | CREA  | MARB  | CFAT  | API    | TI     |
| Num Animals                  | 7612 | 7612 | 7612 | 7612 | 7612 | 7612 | 7612 | 7612 | 7612 | 7612               | 7612 | 7612  | 7612  | 7612  | 7612   | 7612   |
| High                         | 27   | 7.9  | 119  | 185  | 41   | 78   | 15   | 23   | 25   | 0.25               | 55   | 1.68  | 1.06  | 0.06  | 228.86 | 139.88 |
| Average                      | 14   | -0.4 | 61   | 96   | 27   | 39   | 7    | 12   | 12   | -0.05              | 11   | 0.59  | 0.17  | -0.01 | 158.24 | 92.97  |
| Low                          | -3   | -6.6 | 27   | 39   | 9    | 11   | -1   | 4    | -8   | -0.45              | -27  | -0.02 | -0.39 | -0.09 | 106.60 | 72.11  |
| 1%                           | 22   | -4.5 | 95   | 148  | 36   | 63   | 12   | 20   | 17   | -0.24              | 39   | 1.14  | 0.60  | -0.05 | 194.70 | 123.06 |
| 2%                           | 22   | -3.9 | 90   | 140  | 35   | 60   | 11   | 19   | 17   | -0.21              | 35   | 1.04  | 0.51  | -0.05 | 188.42 | 117.31 |
| 3%                           | 21   | -3.6 | 86   | 135  | 34   | 58   | 11   | 18   | 16   | -0.20              | 32   | 1.00  | 0.47  | -0.04 | 184.90 | 112.75 |
| 4%                           | 20   | -3.4 | 84   | 131  | 34   | 56   | 10   | 18   | 16   | -0.19              | 30   | 0.97  | 0.45  | -0.04 | 182.78 | 109.67 |
| 5%                           | 20   | -3.2 | 83   | 127  | 34   | 55   | 10   | 17   | 15   | -0.18              | 29   | 0.93  | 0.42  | -0.04 | 180.37 | 107.98 |
| 10%                          | 19   | -2.5 | 76   | 118  | 32   | 51   | 9    | 16   | 15   | -0.15              | 24   | 0.83  | 0.34  | -0.03 | 174.73 | 102.48 |
| 15%                          | 18   | -2.1 | 72   | 114  | 31   | 48   | 9    | 16   | 14   | -0.12              | 21   | 0.77  | 0.30  | -0.03 | 171.28 | 99.71  |
| 20%                          | 17   | -1.7 | 70   | 109  | 30   | 46   | 8    | 15   | 14   | -0.11              | 19   | 0.72  | 0.27  | -0.03 | 168.60 | 97.98  |
| 25%                          | 17   | -1.5 | 67   | 106  | 30   | 45   | 8    | 14   | 13   | -0.09              | 17   | 0.69  | 0.24  | -0.02 | 166.40 | 96.61  |
| 30%                          | 16   | -1.2 | 65   | 103  | 29   | 43   | 8    | 14   | 13   | -0.08              | 16   | 0.67  | 0.22  | -0.02 | 164.40 | 95.38  |
| 35%                          | 16   | -1.0 | 64   | 101  | 29   | 42   | 8    | 13   | 13   | -0.07              | 15   | 0.64  | 0.21  | -0.02 | 162.59 | 94.35  |
| 40%                          | 15   | -0.8 | 62   | 98   | 28   | 41   | 7    | 13   | 13   | -0.06              | 13   | 0.62  | 0.19  | -0.02 | 160.80 | 93.40  |
| 45%                          | 15   | -0.6 | 61   | 96   | 28   | 40   | 7    | 13   | 12   | -0.05              | 12   | 0.60  | 0.18  | -0.01 | 159.19 | 92.53  |
| 50%                          | 14   | -0.4 | 60   | 94   | 27   | 39   | 7    | 12   | 12   | -0.04              | 11   | 0.58  | 0.16  | -0.01 | 157.79 | 91.74  |
| 55%                          | 14   | -0.2 | 58   | 92   | 27   | 38   | 7    | 12   | 12   | -0.03              | 10   | 0.56  | 0.15  | -0.01 | 156.26 | 90.87  |
| 60%                          | 14   | 0.0  | 57   | 90   | 26   | 37   | 7    | 11   | 12   | -0.03              | 9    | 0.54  | 0.13  | -0.01 | 154.71 | 90.07  |
| 65%                          | 13   | 0.2  | 55   | 88   | 26   | 36   | 6    | 11   | 11   | -0.02              | 7    | 0.52  | 0.11  | -0.01 | 153.18 | 89.30  |
| 70%                          | 13   | 0.4  | 54   | 86   | 25   | 34   | 6    | 10   | 11   | -0.01              | 6    | 0.50  | 0.09  | 0.00  | 151.46 | 88.50  |
| 75%                          | 12   | 0.7  | 52   | 84   | 24   | 33   | 6    | 10   | 11   | 0.00               | 5    | 0.47  | 0.07  | 0.00  | 149.62 | 87.65  |
| 80%                          | 12   | 0.9  | 51   | 81   | 23   | 32   | 5    | 10   | 10   | 0.01               | 3    | 0.45  | 0.05  | 0.00  | 147.44 | 86.79  |
| 85%                          | 11   | 1.3  | 49   | 78   | 23   | 31   | 5    | 9    | 10   | 0.03               | 1    | 0.42  | 0.03  | 0.00  | 144.83 | 85.71  |
| 90%                          | 10   | 1.7  | 47   | 75   | 21   | 29   | 5    | 8    | 9    | 0.04               | -1   | 0.38  | 0.00  | 0.01  | 141.58 | 84.51  |
| 95%                          | 9    | 2.4  | 43   | 70   | 20   | 26   | 4    | 8    | 8    | 0.06               | -4   | 0.32  | -0.04 | 0.01  | 136.81 | 82.50  |