



**LOTS in the SALE with
GROUP BREEDPLAN EBV'S**
Information extracted from Breed Database – January 2024

Breed Avg. EBVs for 2022 Born Calves

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
	-0.6	+2.4	+19	+28	+38	+43	-1	+1.1	-3.0	+22	+2.8	-0.3	-0.4	+0.6	-0.1	+1.0	+0.01	+0.01	+29	+32

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
1	- -	+2.6 49%	+20 53%	+33 54%	+43 56%	+49 53%	-1 35%	+1.2 42%	-3.2 34%	+22 45%	+2.8 37%	-0.1 38%	-0.1 49%	- -	-0.1 30%	- -	+0.06 42%	-0.09 39%	+\$ 38	+\$ 35
2	-0.1 27%	+3.3 51%	+19 55%	+33 56%	+42 58%	+50 55%	0 39%	+0.8 45%	-1.1 36%	+24 47%	+3.8 38%	-0.6 40%	-0.9 50%	+1.1 26%	-0.1 31%	- -	+0.05 44%	-0.02 40%	+\$ 36	+\$ 32
3	+0.1 32%	+3.3 52%	+19 56%	+27 57%	+42 59%	+51 56%	+1 40%	+1.2 46%	-2.2 39%	+22 49%	+2.3 42%	-0.4 43%	-0.3 53%	+0.7 28%	-0.1 35%	+1.6 26%	+0.05 47%	+0.09 44%	+\$ 33	+\$ 31
4	-0.3 30%	+1.4 49%	+11 52%	+16 53%	+25 55%	+32 52%	-2 37%	+0.5 42%	+1.1 35%	+14 45%	+2.2 37%	0.0 38%	+0.3 48%	+0.3 25%	-0.1 31%	- -	+0.01 42%	+0.24 39%	-\$ 1	+\$ 14
5	+0.2 36%	+5.0 50%	+22 53%	+28 54%	+35 56%	+54 52%	-4 35%	+0.2 41%	+6.3 33%	+23 45%	+1.5 36%	-1.2 37%	-2.4 48%	- -	-0.2 29%	- -	+0.03 44%	-0.14 38%	-\$ 1	-\$ 9
6	-0.6 30%	+2.7 47%	+17 50%	+19 51%	+31 53%	+35 50%	-1 36%	0.0 40%	+2.5 34%	+20 43%	+1.6 36%	-0.5 37%	-0.3 47%	- -	-0.1 30%	- -	0.00 40%	+0.14 37%	+\$ 3	+\$ 8
7	+1.5 50%	+3.9 61%	+19 62%	+31 63%	+41 64%	+57 60%	-1 37%	+1.5 47%	-2.5 38%	+21 53%	+2.8 42%	-1.0 44%	-1.8 56%	+0.8 29%	-0.2 35%	- -	+0.13 56%	-0.03 46%	+\$ 32	+\$ 27
8	+0.3 37%	+0.6 54%	+5 57%	+9 58%	+10 60%	+10 57%	+1 44%	+0.4 47%	-2.6 43%	+5 51%	+2.4 45%	0.0 45%	+0.1 55%	+0.1 33%	+0.1 39%	+2.4 26%	+0.03 49%	+0.17 47%	-\$ 18	+\$ 13
9	-0.1 38%	+2.3 55%	+12 57%	+16 58%	+25 60%	+39 57%	-1 45%	-0.4 48%	+3.5 43%	+12 51%	+2.2 45%	-0.4 46%	-0.9 55%	+0.3 33%	-0.1 39%	-2.6 26%	+0.02 49%	-0.01 47%	-\$ 10	+\$ 2
10	+1.7 53%	+3.6 64%	+16 65%	+26 65%	+33 66%	+48 62%	0 40%	+1.2 50%	+1.4 41%	+18 56%	+1.9 44%	-0.8 46%	-2.2 58%	+0.6 31%	-0.1 37%	-1.6 25%	+0.20 58%	-0.32 48%	+\$ 6	+\$ 7
11	0.0 28%	+4.9 49%	+28 58%	+43 55%	+60 54%	+76 49%	-1 34%	+1.8 39%	+2.3 29%	+32 45%	+3.0 31%	-1.2 32%	-1.5 39%	- -	-0.2 27%	- -	+0.03 33%	+0.01 32%	+\$ 50	+\$ 23
12	+0.2 34%	+5.7 52%	+33 56%	+53 58%	+71 58%	+93 55%	+1 39%	+2.0 45%	+3.3 35%	+37 48%	+4.7 37%	-1.6 38%	-2.2 47%	+1.4 28%	-0.3 32%	- -	+0.11 40%	-0.17 38%	+\$ 62	+\$ 22
13	-1.1 26%	+4.0 49%	+25 54%	+37 54%	+51 57%	+64 53%	-1 36%	+1.8 42%	+1.9 34%	+25 46%	+2.9 35%	-1.1 36%	-1.3 46%	+0.9 25%	-0.2 30%	- -	-0.01 40%	+0.09 37%	+\$ 37	+\$ 22
14	-1.2 32%	+3.6 54%	+22 56%	+33 58%	+42 60%	+60 57%	-2 41%	-0.7 47%	+4.2 39%	+20 50%	+5.0 42%	-1.1 43%	-0.9 53%	+1.1 29%	-0.3 35%	-0.3 26%	+0.04 47%	+0.19 43%	+\$ 20	+\$ 10
15	0.0 26%	+2.1 50%	+15 54%	+24 55%	+36 57%	+34 54%	-2 37%	+0.5 41%	-4.1 34%	+17 46%	+2.5 37%	-0.1 38%	+0.4 48%	+0.6 25%	-0.1 31%	- -	+0.03 42%	+0.25 39%	+\$ 33	+\$ 40
16	+0.2 27%	+2.0 52%	+15 54%	+20 55%	+26 57%	+27 54%	0 39%	+1.1 41%	-4.0 34%	+14 47%	+2.9 37%	0.0 38%	+0.1 48%	+0.5 26%	0.0 31%	- -	-0.01 41%	+0.17 38%	+\$ 14	+\$ 28
17	-0.2 25%	+2.9 50%	+16 54%	+25 55%	+38 58%	+55 54%	-3 36%	-0.2 41%	-2.2 34%	+19 46%	+4.5 36%	-0.9 37%	-0.9 47%	- -	-0.2 30%	- -	-0.03 41%	+0.20 37%	+\$ 31	+\$ 31
18	-0.4 29%	+3.1 53%	+20 56%	+28 57%	+31 59%	+36 55%	-3 40%	+0.2 44%	+3.2 37%	+19 48%	+4.1 39%	-0.8 40%	-1.1 50%	+1.0 27%	-0.2 32%	- -	+0.04 44%	+0.07 41%	+\$ 8	+\$ 10
19	+0.9 43%	+2.8 58%	+11 62%	+12 62%	+20 62%	+25 59%	+1 47%	+1.1 48%	-2.5 39%	+12 53%	+1.9 40%	-0.8 41%	-0.3 50%	+0.7 30%	-0.1 34%	- -	-0.05 43%	+0.23 41%	\$ 0	+\$ 17
20	+1.1 43%	+3.6 59%	+16 62%	+22 63%	+37 63%	+49 60%	+1 48%	+1.7 49%	-6.6 39%	+20 53%	+2.4 40%	-0.9 41%	-1.1 50%	+0.8 30%	-0.2 34%	- -	-0.01 43%	+0.10 42%	+\$ 36	+\$ 37
21	+1.0 51%	+4.1 63%	+28 65%	+34 66%	+50 67%	+53 63%	+1 40%	+0.5 53%	+1.3 42%	+26 56%	+2.6 47%	-0.2 48%	+0.2 59%	+0.8 31%	-0.2 39%	- -	+0.02 57%	+0.03 50%	+\$ 35	+\$ 22
22	-0.3 37%	+3.2 50%	+19 53%	+29 54%	+42 56%	+53 53%	-1 40%	+0.8 43%	+2.3 38%	+19 47%	+4.2 39%	-0.9 40%	-0.5 49%	+0.9 29%	-0.2 34%	- -	+0.09 50%	+0.13 42%	+\$ 25	+\$ 20
23	+1.7 51%	+3.2 64%	+16 66%	+15 66%	+28 67%	+31 63%	0 42%	+0.7 53%	-0.4 41%	+14 56%	+2.9 46%	-0.4 47%	-0.1 59%	+0.9 31%	-0.2 37%	+1.5 25%	-0.02 57%	+0.35 48%	+\$ 10	+\$ 18

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
24	-0.5 35%	+6.1 69%	+35 67%	+40 70%	+48 69%	+62 66%	-2 51%	-1.9 70%	+5.4 46%	+28 58%	+5.3 49%	-2.2 49%	-2.8 61%	+1.3 35%	-0.4 42%	+2.7 38%	-0.13 62%	+0.18 51%	+\$ 21	\$ 0
25	-2.3 52%	+2.8 70%	+20 69%	+31 73%	+43 71%	+65 68%	-3 49%	+0.7 71%	-5.2 50%	+21 63%	+6.2 59%	-1.3 58%	-1.0 66%	+1.3 38%	-0.2 51%	+2.2 45%	-0.04 62%	+0.34 58%	+\$ 51	+\$ 46
26	-2.0 53%	+1.7 72%	+17 71%	+24 72%	+31 73%	+26 70%	-4 54%	+1.2 68%	-6.1 51%	+15 65%	+4.4 61%	-0.4 60%	+1.0 68%	+1.0 41%	-0.1 53%	+1.6 47%	-0.04 66%	+0.55 61%	+\$ 37	+\$ 46
27	-0.8 37%	+6.3 72%	+30 70%	+35 73%	+47 77%	+58 70%	-1 53%	+0.2 73%	+1.2 47%	+26 61%	+3.0 51%	-1.6 51%	-2.3 63%	+1.1 37%	-0.3 43%	+5.7 51%	-0.01 66%	+0.14 53%	+\$ 28	+\$ 11
28	-1.7 42%	+4.3 71%	+24 69%	+31 72%	+49 76%	+56 69%	-2 46%	+0.8 72%	+0.6 45%	+24 61%	+4.2 52%	-1.1 51%	-1.6 61%	+1.0 36%	-0.3 44%	+0.3 51%	+0.09 66%	-0.01 54%	+\$ 40	+\$ 27
29	-0.6 37%	+5.1 71%	+31 70%	+37 73%	+44 77%	+58 70%	-1 52%	+1.2 72%	-2.6 47%	+20 61%	+5.4 50%	-1.7 51%	-1.5 62%	+1.5 36%	-0.1 43%	+1.6 39%	-0.08 66%	+0.26 52%	+\$ 41	+\$ 28
30	-1.6 43%	+2.2 68%	+14 66%	+13 68%	+20 71%	+17 66%	-3 46%	+1.0 66%	-1.1 45%	+11 59%	+3.7 52%	+0.1 52%	+0.4 62%	+0.8 36%	-0.1 45%	-1.8 47%	+0.13 64%	-0.02 54%	+\$ 3	+\$ 20
31	-1.5 44%	+1.5 66%	+11 66%	+11 67%	+15 69%	+10 66%	-3 47%	+0.3 59%	-1.7 46%	+13 59%	+2.1 53%	-0.1 52%	+0.7 63%	+0.6 36%	-0.1 45%	+0.9 42%	-0.09 64%	+0.36 55%	-\$ 5	+\$ 17
32	-0.4 26%	+6.9 57%	+36 68%	+49 65%	+68 75%	+88 65%	-1 44%	+0.8 46%	+4.7 37%	+37 55%	+3.7 40%	-1.7 40%	-2.4 50%	+1.1 30%	-0.3 34%	- -	-0.04 43%	+0.01 41%	+\$ 48	+\$ 7
33	-0.3 27%	+5.5 58%	+30 68%	+46 65%	+60 75%	+78 65%	0 44%	+1.2 47%	-0.9 37%	+35 55%	+3.1 39%	-1.1 40%	-1.1 50%	+0.9 30%	-0.3 33%	- -	-0.11 44%	+0.35 40%	+\$ 51	+\$ 24
34	+0.2 46%	+6.0 59%	+28 67%	+34 65%	+45 75%	+73 64%	-1 42%	+0.1 50%	+6.7 37%	+31 55%	+2.0 39%	-1.7 41%	-2.6 51%	+1.0 29%	-0.4 34%	+0.6 26%	-0.07 49%	-0.05 42%	+\$ 8	-\$ 11
35	- -	+3.6 57%	+21 68%	+30 65%	+31 74%	+33 64%	+1 46%	+0.4 44%	+0.4 35%	+19 55%	+2.9 38%	-0.3 39%	-0.6 49%	+0.6 29%	-0.1 33%	- -	-0.03 42%	+0.17 39%	+\$ 6	+\$ 10
36	-0.1 27%	+2.6 58%	+16 68%	+27 65%	+26 75%	+25 65%	-1 43%	+0.6 47%	-2.5 37%	+19 55%	+2.1 40%	-0.1 40%	+0.7 50%	+0.4 30%	-0.1 34%	- -	-0.13 44%	+0.51 41%	+\$ 8	+\$ 20
37	+0.3 29%	+5.6 60%	+31 68%	+44 65%	+57 74%	+60 65%	+3 47%	+1.3 50%	+1.7 39%	+33 56%	+3.6 41%	-0.6 42%	-0.3 52%	+0.8 32%	-0.2 36%	+1.3 25%	-0.05 46%	+0.18 43%	+\$ 38	+\$ 14
38	+0.2 32%	+6.3 59%	+31 67%	+38 64%	+51 73%	+65 64%	-1 48%	-1.4 45%	+10.0 39%	+31 55%	+4.5 43%	-1.6 43%	-2.1 52%	+0.9 32%	-0.4 37%	- -	-0.11 46%	+0.31 43%	+\$ 10	-\$ 14
39	0.0 28%	+2.7 61%	+18 68%	+27 65%	+30 74%	+23 65%	+3 49%	+1.2 50%	-4.2 39%	+20 56%	+1.3 41%	-0.1 42%	+0.6 52%	+0.3 32%	0.0 35%	+2.3 25%	-0.09 46%	+0.42 42%	+\$ 14	+\$ 26
40	-0.7 45%	+6.9 59%	+36 61%	+50 62%	+67 63%	+97 60%	-4 45%	+0.2 52%	+7.8 42%	+39 53%	+3.5 44%	-1.8 44%	-3.3 54%	+1.3 31%	-0.4 37%	+2.0 26%	+0.05 48%	-0.23 45%	+\$ 42	-\$ 2
41	-0.1 28%	+3.7 50%	+26 55%	+38 57%	+53 57%	+71 54%	+2 38%	-0.6 42%	+6.5 35%	+25 47%	+4.6 36%	-1.3 37%	-1.5 47%	+0.9 26%	-0.3 30%	- -	+0.04 41%	+0.15 38%	+\$ 26	+\$ 8
42	-2.5 54%	+4.7 68%	+26 68%	+37 69%	+55 71%	+79 68%	-5 50%	+0.8 61%	+1.0 50%	+27 64%	+6.1 61%	-1.5 59%	-1.1 67%	+1.4 40%	-0.4 53%	-2.4 45%	0.00 65%	+0.17 60%	+\$ 52	+\$ 28
43	-2.1 54%	+5.3 66%	+27 67%	+37 68%	+48 70%	+66 67%	-4 49%	+1.7 59%	+1.3 49%	+29 62%	+4.6 59%	-1.3 58%	-0.6 65%	+1.4 39%	-0.3 52%	-1.9 44%	0.00 63%	+0.18 59%	+\$ 39	+\$ 20
44	+0.4 37%	+4.8 60%	+28 62%	+38 63%	+47 64%	+60 61%	-2 47%	+1.4 50%	+2.6 43%	+25 54%	+4.2 45%	-0.6 45%	-0.8 55%	+1.1 32%	-0.2 38%	+0.5 28%	-0.01 53%	+0.20 47%	+\$ 29	+\$ 13
45	-0.3 30%	+2.9 49%	+19 54%	+29 55%	+36 56%	+52 53%	-1 38%	+0.2 45%	+2.8 34%	+18 46%	+3.1 37%	-0.1 37%	0.0 47%	+0.3 26%	0.0 30%	-0.9 26%	+0.03 43%	-0.04 38%	+\$ 8	+\$ 8
46	+0.7 29%	+2.9 50%	+15 54%	+20 55%	+29 57%	+48 53%	-2 39%	-0.8 46%	-0.8 35%	+17 46%	+3.2 37%	-0.9 38%	-1.1 48%	+0.5 26%	-0.1 31%	-1.3 27%	-0.09 44%	+0.09 39%	+\$ 9	+\$ 16
47	-0.2 31%	+1.9 51%	+12 55%	+20 57%	+27 58%	+41 55%	-2 40%	+0.2 47%	-1.9 36%	+13 48%	+1.9 39%	-0.2 39%	-0.4 50%	+0.3 27%	0.0 32%	-2.0 28%	-0.04 45%	+0.16 40%	+\$ 9	+\$ 21
48	0.0 29%	+4.5 50%	+26 54%	+38 55%	+49 57%	+60 54%	+1 39%	0.0 42%	+2.5 36%	+26 47%	+4.8 38%	-1.3 39%	-1.3 49%	+1.0 26%	-0.1 32%	- -	-0.07 43%	+0.16 40%	+\$ 30	+\$ 14
49	+0.9 30%	+1.4 51%	+11 55%	+18 56%	+22 58%	+26 54%	-1 39%	0.0 47%	+0.3 36%	+11 47%	+3.2 38%	+0.4 39%	+1.3 50%	+0.4 27%	0.0 32%	+1.2 28%	-0.02 45%	+0.31 40%	-\$ 2	+\$ 15
50	+0.6 29%	+3.0 50%	+21 54%	+31 55%	+45 57%	+57 53%	-1 39%	+0.4 46%	+2.0 35%	+22 46%	+3.8 38%	-0.4 38%	0.0 49%	+0.6 26%	-0.1 31%	+1.0 27%	+0.01 44%	+0.10 39%	+\$ 28	+\$ 20
51	+0.8 31%	+4.8 51%	+26 55%	+37 56%	+52 58%	+78 55%	-1 40%	+1.0 44%	+1.0 37%	+26 48%	+4.3 40%	-1.2 41%	-1.9 51%	+1.4 27%	-0.2 33%	- -	+0.02 45%	+0.04 42%	+\$ 43	+\$ 22
52	+0.3 31%	+3.2 51%	+20 54%	+33 55%	+47 57%	+60 54%	-2 39%	+1.7 44%	-3.0 38%	+22 47%	+2.2 40%	-0.6 41%	-1.0 51%	+0.9 27%	0.0 33%	- -	-0.02 45%	+0.25 42%	+\$ 47	+\$ 39
53	0.0 27%	+4.7 49%	+26 53%	+35 54%	+50 56%	+71 53%	-2 39%	+0.8 43%	-0.6 36%	+25 46%	+2.7 38%	-0.4 39%	-1.1 49%	+0.8 26%	-0.1 32%	- -	-0.05 43%	+0.09 40%	+\$ 39	+\$ 22
55	-0.8 26%	+2.4 50%	+11 54%	+16 55%	+16 58%	+20 54%	-4 36%	+0.1 42%	-2.2 34%	+11 46%	+2.8 37%	-0.5 38%	-0.9 48%	+0.8 25%	0.0 30%	- -	-0.03 41%	0.00 38%	-\$ 1	+\$ 20

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
56	-0.4 33%	+4.3 52%	+25 56%	+39 57%	+53 59%	+71 55%	-3 39%	+1.3 46%	+2.1 36%	+29 48%	+3.0 38%	-1.0 39%	-1.2 49%	+0.7 27%	-0.1 32%	- -	+0.03 43%	-0.13 40%	+\$ 39	+\$ 21
57	-0.5 31%	+3.3 52%	+21 56%	+32 58%	+43 59%	+49 56%	-3 40%	0.0 47%	+8.1 37%	+23 49%	+3.9 39%	-0.7 40%	0.0 50%	+0.7 28%	-0.2 33%	- -	0.00 44%	+0.07 40%	+\$ 12	+\$ 3
58	-1.0 35%	+3.1 55%	+17 58%	+24 59%	+30 61%	+41 57%	-3 42%	-0.7 48%	+2.0 40%	+18 51%	+3.1 43%	-0.8 44%	-0.2 54%	+0.8 30%	-0.2 36%	-1.1 27%	+0.01 48%	+0.15 45%	+\$ 8	+\$ 12
59	+0.3 37%	+3.9 57%	+23 61%	+33 62%	+43 62%	+53 59%	0 43%	+1.3 47%	+0.5 40%	+22 52%	+5.3 43%	-1.0 44%	-1.0 54%	+1.2 30%	-0.2 36%	-2.4 27%	+0.05 47%	+0.02 44%	+\$ 31	+\$ 23
60	+0.1 37%	+4.2 57%	+25 60%	+37 62%	+54 62%	+67 59%	0 42%	+1.4 47%	+2.0 40%	+26 53%	+4.7 44%	-0.4 44%	-0.3 54%	+1.1 30%	-0.3 36%	-0.2 28%	+0.07 48%	+0.15 45%	+\$ 44	+\$ 26
61	+2.0 35%	+5.1 52%	+27 55%	+38 56%	+54 58%	+68 55%	-2 41%	+0.7 44%	+0.4 39%	+28 48%	+3.4 41%	-0.8 42%	-0.7 52%	+1.1 28%	-0.3 34%	- -	+0.02 46%	+0.20 43%	+\$ 46	+\$ 25
62	+0.5 40%	+2.6 53%	+17 56%	+28 57%	+35 59%	+40 56%	-2 42%	+1.4 46%	-2.9 38%	+19 49%	+2.7 40%	-0.3 41%	-0.1 51%	+0.7 28%	-0.2 34%	- -	+0.05 45%	+0.31 42%	+\$ 26	+\$ 30
63	+0.3 39%	+5.6 52%	+29 56%	+36 57%	+50 58%	+73 55%	-1 42%	+0.3 45%	+4.7 38%	+31 48%	+2.7 39%	-1.4 40%	-1.6 50%	+0.8 28%	-0.5 33%	- -	-0.01 44%	+0.11 41%	+\$ 20	-\$ 2
64	+0.9 31%	+2.8 50%	+17 54%	+24 54%	+31 56%	+33 53%	-1 42%	+0.2 44%	-2.5 38%	+21 46%	+1.5 38%	-0.5 38%	-0.6 48%	+0.6 28%	-0.2 32%	- -	-0.01 42%	+0.30 39%	+\$ 17	+\$ 25
65	-0.1 32%	+3.9 50%	+20 54%	+23 55%	+32 56%	+43 53%	-2 36%	+0.1 42%	+3.5 35%	+21 46%	+3.9 39%	-1.2 40%	-0.9 50%	+1.0 26%	-0.2 32%	-1.4 25%	-0.05 44%	+0.01 41%	+\$ 6	+\$ 5
66	+1.1 39%	+3.2 52%	+19 56%	+29 57%	+40 58%	+55 55%	-2 41%	+0.8 45%	-4.1 38%	+22 48%	+2.3 40%	-1.0 41%	-1.7 51%	+0.8 28%	-0.2 34%	- -	-0.05 45%	+0.36 42%	+\$ 37	+\$ 36
67	+0.8 44%	+3.0 57%	+20 66%	+27 62%	+25 62%	+31 58%	-1 54%	-0.4 51%	+1.6 49%	+16 54%	+3.9 43%	-1.2 42%	-1.0 48%	+0.8 36%	-0.2 38%	-1.1 26%	-0.07 42%	+0.31 42%	-\$ 2	+\$ 8
68	- -	+5.1 51%	+30 62%	+40 57%	+58 58%	+70 53%	+1 46%	+1.6 39%	+3.7 33%	+29 47%	+3.3 33%	-0.8 34%	-1.3 42%	+0.8 25%	-0.2 28%	- -	+0.06 36%	-0.12 34%	+\$ 38	+\$ 14
69	- -	+2.2 53%	+12 64%	+21 59%	+30 57%	+36 53%	-3 41%	-0.9 42%	+3.2 27%	+15 48%	+2.6 31%	-0.2 31%	0.0 38%	+0.3 25%	-0.1 27%	- -	+0.04 34%	+0.22 32%	+\$ 2	+\$ 10
70	-0.8 29%	+4.0 50%	+25 54%	+32 55%	+46 57%	+54 53%	0 39%	+0.3 46%	+2.0 37%	+23 47%	+3.4 39%	-0.4 39%	-0.7 49%	+0.9 27%	-0.1 32%	- -	-0.02 43%	+0.11 40%	+\$ 29	+\$ 18
71	-0.9 37%	+3.5 57%	+21 61%	+33 61%	+44 63%	+56 60%	0 46%	+1.7 52%	-6.4 43%	+22 53%	+1.8 45%	-0.4 46%	-0.7 55%	+0.8 32%	-0.2 39%	+2.6 26%	+0.05 49%	+0.29 46%	+\$ 46	+\$ 41
72	-0.4 27%	+3.0 49%	+19 53%	+32 54%	+46 56%	+59 52%	+1 36%	+0.8 41%	-0.8 33%	+23 45%	+2.8 35%	-0.5 37%	-1.0 47%	- -	0.0 29%	- -	-0.03 40%	+0.07 37%	+\$ 36	+\$ 29
73	-1.0 48%	+1.2 60%	+14 62%	+16 63%	+30 64%	+29 60%	+1 35%	+0.7 50%	+0.8 38%	+15 52%	+4.2 42%	+0.3 44%	-0.2 56%	+0.8 28%	-0.1 34%	- -	+0.05 54%	+0.04 45%	+\$ 12	+\$ 23
74	-2.2 25%	+2.3 51%	+23 57%	+34 57%	+48 59%	+58 54%	-1 34%	+1.4 42%	-0.7 34%	+28 47%	+4.3 36%	-0.4 37%	-0.6 48%	+1.1 25%	-0.1 30%	- -	-0.10 41%	+0.07 38%	+\$ 46	+\$ 38
75	-0.2 35%	+4.6 55%	+24 59%	+33 60%	+46 59%	+64 57%	-4 43%	+0.5 44%	+2.3 38%	+25 52%	+3.6 43%	-0.7 43%	-0.6 52%	+0.8 31%	-0.2 36%	-1.0 28%	-0.05 46%	+0.21 44%	+\$ 28	+\$ 12
76	-0.6 38%	+4.1 54%	+26 62%	+36 68%	+45 60%	+59 57%	-6 43%	+0.1 46%	+6.3 41%	+27 52%	+4.3 45%	-1.6 44%	-1.6 52%	+1.2 32%	-0.2 38%	-1.6 28%	-0.06 47%	+0.07 45%	+\$ 23	+\$ 8
77	-1.2 47%	+5.8 61%	+29 62%	+39 63%	+54 63%	+80 61%	-4 49%	+0.2 52%	+6.0 43%	+31 55%	+2.3 45%	-1.2 45%	-2.1 53%	+0.9 34%	-0.3 39%	+0.9 28%	+0.02 48%	-0.05 46%	+\$ 26	-\$ 1
78	-0.3 33%	+3.2 45%	+21 50%	+30 51%	+43 51%	+53 49%	-2 36%	+1.0 40%	+0.4 33%	+21 43%	+3.1 32%	-0.6 33%	-0.8 42%	- -	0.0 28%	- -	-0.01 35%	+0.04 33%	+\$ 31	+\$ 25
79	+2.1 54%	+5.2 65%	+22 66%	+30 66%	+39 66%	+58 63%	-1 44%	+1.2 49%	+1.1 41%	+22 57%	+1.8 45%	-0.8 46%	-1.6 57%	+0.7 33%	-0.2 39%	-0.8 26%	+0.13 58%	-0.15 49%	+\$ 15	+\$ 7
80	0.0 34%	+4.7 52%	+27 62%	+38 68%	+48 60%	+65 57%	-4 40%	+0.3 43%	+5.2 37%	+27 52%	+4.6 41%	-1.0 40%	-0.7 48%	+1.2 31%	-0.3 35%	-3.1 27%	-0.02 43%	+0.28 41%	+\$ 27	+\$ 7
81	-0.1 37%	+2.8 52%	+16 61%	+19 68%	+27 60%	+39 57%	-7 41%	+0.1 45%	+2.7 40%	+17 51%	+2.4 43%	-0.6 43%	-0.2 51%	+0.6 31%	-0.2 37%	-2.4 28%	-0.03 46%	+0.34 44%	+\$ 2	+\$ 7
82	-0.2 35%	+4.6 55%	+24 59%	+33 60%	+46 59%	+64 57%	-4 43%	+0.5 44%	+2.3 38%	+25 52%	+3.6 43%	-0.7 43%	-0.6 52%	+0.8 31%	-0.2 36%	-1.0 28%	-0.05 46%	+0.21 44%	+\$ 28	+\$ 12
83	-0.1 27%	+3.1 50%	+16 60%	+20 67%	+29 58%	+36 54%	-3 33%	+0.8 35%	-1.3 29%	+16 48%	+3.0 34%	-0.6 34%	-0.5 41%	- -	-0.1 28%	- -	-0.08 36%	+0.27 35%	+\$ 15	+\$ 22
84	+2.4 51%	+5.3 62%	+23 63%	+31 63%	+36 64%	+61 60%	0 38%	+1.0 48%	+3.8 38%	+21 54%	+2.9 42%	-1.3 44%	-2.5 56%	+1.0 29%	-0.1 35%	- -	+0.13 56%	-0.53 46%	+\$ 5	-\$ 3
85	+1.6 50%	+4.2 62%	+18 62%	+27 63%	+30 64%	+43 60%	-2 37%	+1.7 47%	+1.5 38%	+18 53%	+2.4 42%	-0.6 43%	-1.3 55%	+0.8 29%	0.0 34%	- -	+0.20 56%	-0.42 46%	+\$ 5	+\$ 7

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
86	+2.3 52%	+2.4 63%	+12 64%	+18 65%	+16 65%	+22 62%	-1 39%	+0.7 48%	-1.3 40%	+11 55%	+1.6 43%	0.0 45%	-0.2 57%	+0.5 30%	0.0 36%	- -	+0.19 58%	-0.22 47%	-\$ 9	+\$ 12
87	+0.6 35%	+1.0 52%	+9 55%	+17 56%	+25 58%	+23 55%	0 43%	+0.1 46%	-1.3 42%	+10 49%	+3.4 43%	+0.8 44%	+1.5 53%	0.0 32%	0.0 37%	+1.3 25%	+0.08 47%	+0.22 45%	+\$ 3	+\$ 21
88	+0.3 27%	+4.8 49%	+23 52%	+32 52%	+43 55%	+67 52%	-1 36%	+0.7 41%	+5.7 34%	+25 44%	+3.3 36%	-1.1 37%	-1.6 48%	- -	-0.2 29%	- -	+0.05 41%	-0.07 38%	+\$ 14	-\$ 1
89	+0.6 36%	+4.3 55%	+19 57%	+28 58%	+36 60%	+51 57%	+1 41%	+0.6 46%	+0.8 41%	+19 50%	+2.5 43%	-0.7 44%	-1.4 55%	+0.8 29%	-0.1 36%	-1.3 26%	+0.09 49%	0.00 45%	+\$ 14	+\$ 12
90	+0.3 27%	+3.7 53%	+18 57%	+30 59%	+43 61%	+54 57%	-2 42%	+1.2 52%	+0.8 38%	+22 49%	+1.2 39%	-0.1 40%	-0.5 51%	+0.4 28%	-0.1 33%	+1.0 25%	+0.05 44%	+0.04 41%	+\$ 24	+\$ 17
91	-0.5 33%	+3.2 51%	+23 55%	+32 56%	+45 58%	+46 54%	-1 39%	+2.5 44%	-3.2 36%	+23 47%	+2.7 37%	-0.8 38%	-1.1 48%	+1.0 27%	0.0 31%	- -	+0.07 41%	-0.10 39%	+\$ 45	+\$ 40
92	+0.2 29%	+4.1 53%	+21 57%	+28 59%	+43 61%	+50 57%	+1 42%	+1.5 52%	-2.5 38%	+23 50%	+1.7 41%	-0.9 41%	-1.4 51%	+0.8 29%	0.0 34%	0.0 25%	-0.01 45%	0.00 42%	+\$ 34	+\$ 29
93	0.0 27%	+2.3 51%	+12 54%	+18 55%	+20 56%	+22 53%	-1 39%	+0.4 42%	+0.1 35%	+15 46%	+1.1 36%	-0.3 37%	-0.2 47%	+0.4 25%	0.0 30%	- -	+0.03 41%	+0.05 37%	-\$ 7	+\$ 11
94	-0.3 25%	+1.7 58%	+12 62%	+18 63%	+26 65%	+27 62%	-1 54%	+1.0 45%	-5.0 35%	+15 56%	+0.2 41%	+0.9 42%	+0.5 51%	0.0 32%	+0.1 36%	- -	+0.04 43%	-0.02 40%	+\$ 12	+\$ 28
95	+0.4 34%	+3.8 53%	+21 55%	+33 56%	+47 58%	+61 55%	-2 39%	+0.3 45%	+3.3 39%	+23 49%	+3.9 42%	-1.3 43%	-0.5 52%	+0.7 29%	-0.2 37%	-1.4 25%	+0.01 47%	+0.10 44%	+\$ 27	+\$ 15
96	+0.4 34%	+3.5 60%	+21 62%	+31 62%	+40 62%	+47 59%	-2 45%	+1.0 45%	-1.8 38%	+23 53%	+2.4 41%	-1.0 41%	-1.7 51%	+0.8 31%	0.0 35%	- -	-0.05 44%	+0.08 43%	+\$ 30	+\$ 26
97	-0.2 36%	+3.6 60%	+28 61%	+41 61%	+57 62%	+75 59%	-2 45%	+0.1 49%	+2.5 42%	+28 53%	+3.4 44%	-0.9 45%	-1.3 55%	+1.0 32%	-0.2 38%	+3.1 28%	+0.02 49%	+0.13 46%	+\$ 46	+\$ 25
98	-0.8 35%	+3.8 62%	+28 63%	+38 63%	+51 63%	+56 60%	-1 46%	+0.9 48%	-1.4 41%	+25 54%	+3.0 44%	-1.0 44%	-2.0 54%	+1.0 32%	-0.1 37%	+0.1 26%	-0.04 47%	+0.11 45%	+\$ 47	+\$ 33
99	+0.1 35%	+4.4 60%	+24 61%	+35 62%	+48 62%	+67 59%	-5 45%	-0.1 48%	+2.6 41%	+26 53%	+2.8 44%	-1.5 44%	-2.3 54%	+1.0 32%	-0.2 37%	+0.5 27%	+0.04 48%	-0.02 45%	+\$ 34	+\$ 19
100	+0.7 37%	+4.7 65%	+29 60%	+37 60%	+50 62%	+65 59%	-3 46%	-0.4 48%	+9.5 42%	+31 53%	+3.1 44%	-1.2 45%	-1.1 54%	+0.8 33%	-0.3 38%	-0.2 28%	+0.03 48%	+0.02 46%	+\$ 13	-\$ 8
101	-0.8 46%	+4.5 65%	+24 63%	+37 64%	+50 65%	+70 61%	-2 47%	+0.3 54%	+1.9 42%	+31 54%	+0.5 43%	-1.0 44%	-2.4 53%	+0.7 32%	-0.2 38%	+3.4 25%	+0.06 47%	-0.19 45%	+\$ 31	+\$ 14
102	-0.8 33%	+4.6 60%	+26 69%	+31 72%	+48 76%	+63 68%	-3 46%	+0.1 71%	+2.7 41%	+26 56%	+3.3 42%	-1.7 43%	-2.4 52%	+0.8 31%	-0.4 36%	- -	+0.03 46%	+0.02 43%	+\$ 27	+\$ 12
103	+0.8 32%	+3.8 68%	+25 68%	+32 70%	+54 74%	+57 67%	+1 47%	+2.0 69%	-3.9 41%	+26 57%	+2.3 41%	-0.9 42%	-0.8 52%	+0.7 30%	-0.2 36%	- -	+0.06 45%	+0.17 43%	+\$ 54	+\$ 41
104	+1.1 31%	+3.9 60%	+22 63%	+26 64%	+43 66%	+48 63%	+2 46%	+1.1 55%	-1.7 40%	+23 54%	+1.8 40%	-1.4 41%	-1.8 50%	+0.7 30%	-0.2 35%	- -	+0.09 44%	-0.02 42%	+\$ 30	+\$ 26
105	+0.8 31%	+2.6 68%	+21 68%	+25 70%	+42 74%	+45 67%	-1 46%	+1.7 68%	-4.0 40%	+18 56%	+3.3 41%	-0.9 42%	-0.9 51%	+0.8 30%	-0.1 35%	- -	+0.11 45%	+0.03 42%	+\$ 41	+\$ 39
106	+0.6 29%	+5.7 51%	+28 55%	+36 56%	+48 57%	+64 54%	0 39%	-0.3 43%	+5.9 36%	+28 47%	+3.0 38%	-1.3 40%	-1.9 51%	+1.1 26%	-0.2 31%	- -	-0.09 43%	+0.04 40%	+\$ 18	-\$ 4
107	+0.2 28%	+2.2 49%	+14 53%	+20 54%	+28 56%	+35 53%	-4 36%	+0.6 42%	-0.6 35%	+18 45%	+2.4 37%	-0.1 38%	-0.5 49%	- -	-0.1 30%	- -	+0.04 42%	-0.07 39%	+\$ 12	+\$ 21
108	+0.7 29%	+3.3 49%	+17 53%	+23 55%	+32 56%	+44 53%	-1 38%	0.0 42%	+0.8 35%	+17 46%	+1.7 37%	-0.1 38%	+0.2 49%	+0.1 26%	0.0 31%	- -	-0.09 42%	+0.20 39%	+\$ 5	+\$ 10
109	+0.2 30%	+1.3 51%	+9 55%	+11 57%	+15 58%	+20 55%	-3 40%	-0.8 47%	+2.5 37%	+8 47%	+3.4 39%	-0.3 39%	-0.3 50%	+0.2 27%	0.0 32%	+1.3 28%	-0.01 45%	+0.06 41%	-\$ 20	+\$ 3
110	+0.5 32%	+1.4 52%	+8 57%	+12 58%	+15 60%	+19 56%	-2 42%	-1.6 48%	+2.7 38%	+8 49%	+3.3 40%	0.0 41%	0.0 51%	0.0 28%	0.0 34%	-0.5 28%	-0.07 46%	+0.17 42%	-\$ 23	+\$ 1
111	+0.9 36%	+4.3 51%	+24 56%	+31 56%	+44 57%	+62 53%	+1 38%	+0.2 42%	+6.0 35%	+24 47%	+2.7 37%	-0.1 38%	0.0 48%	+0.6 26%	-0.2 30%	- -	+0.05 41%	-0.10 38%	+\$ 11	\$ 0
112	-1.1 30%	+3.0 49%	+17 53%	+17 53%	+29 55%	+40 52%	-2 40%	-0.1 43%	+4.4 36%	+16 45%	+3.2 37%	-0.5 38%	-0.3 48%	+0.5 27%	-0.3 32%	- -	-0.01 42%	+0.16 39%	-\$ 5	+\$ 1
113	-1.1 34%	+2.3 48%	+16 52%	+23 53%	+29 55%	+29 51%	0 37%	+0.9 41%	+0.6 34%	+17 44%	+2.1 36%	-1.1 38%	-1.5 47%	+0.8 25%	+0.1 30%	- -	-0.04 41%	+0.05 38%	+\$ 9	+\$ 19
114	+0.9 38%	+4.0 51%	+26 55%	+36 56%	+48 57%	+59 53%	-1 38%	+0.4 42%	+6.3 36%	+26 47%	+4.1 38%	-0.8 39%	-0.3 48%	+0.9 27%	-0.2 31%	- -	+0.04 42%	-0.05 39%	+\$ 22	+\$ 6
115	+0.8 36%	+2.8 51%	+18 56%	+23 56%	+36 57%	+41 53%	0 39%	+0.2 41%	+1.4 33%	+20 46%	+2.6 35%	-0.4 36%	-0.5 46%	+0.6 25%	-0.2 29%	- -	+0.04 40%	+0.10 37%	+\$ 14	+\$ 16

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
116	-1.6 54%	+4.8 67%	+27 68%	+38 69%	+50 70%	+71 67%	-6 49%	+1.6 59%	+3.1 50%	+29 63%	+5.2 60%	-1.3 59%	-0.4 66%	+1.5 41%	-0.3 53%	-2.4 43%	-0.02 63%	+0.16 60%	+\$ 40	+\$ 18
117	-1.7 54%	+3.3 67%	+24 68%	+35 69%	+43 70%	+51 68%	-5 49%	+1.2 59%	+5.5 50%	+25 64%	+4.6 60%	-0.7 59%	+0.5 66%	+1.2 41%	-0.3 53%	-0.9 44%	+0.05 64%	+0.24 60%	+\$ 25	+\$ 14
120	+0.4 51%	+6.2 63%	+30 65%	+34 66%	+60 68%	+89 64%	-5 47%	+0.4 53%	+7.9 49%	+33 60%	+2.6 51%	-2.1 55%	-3.1 62%	+0.7 35%	-0.3 49%	- -	-0.11 58%	-0.15 55%	+\$ 29	-\$ 3
121	- -	+3.8 38%	+21 41%	+28 41%	+42 42%	+50 40%	+1 33%	+0.3 34%	+3.9 27%	+23 36%	+2.6 29%	-0.3 29%	0.0 36%	- -	-0.2 25%	- -	+0.04 32%	+0.21 30%	+\$ 17	+\$ 9
123	-1.1 37%	+4.7 49%	+29 53%	+38 54%	+49 56%	+65 52%	-2 35%	+1.6 43%	+3.2 35%	+29 45%	+2.3 36%	-1.0 38%	-1.5 48%	+1.0 25%	-0.1 30%	- -	-0.06 43%	-0.10 38%	+\$ 29	+\$ 10
124	+1.0 29%	+2.8 49%	+20 52%	+29 53%	+38 55%	+42 52%	-1 37%	+0.5 42%	+1.6 34%	+20 44%	+3.0 37%	+0.4 38%	+0.8 48%	- -	-0.1 30%	- -	-0.06 41%	+0.38 38%	+\$ 18	+\$ 17
125	+1.2 30%	+4.3 49%	+19 53%	+21 54%	+31 56%	+42 52%	0 37%	-0.5 42%	+3.8 35%	+18 45%	+3.3 37%	-0.7 38%	-1.0 49%	+0.7 25%	-0.3 31%	- -	+0.02 42%	+0.15 39%	-\$ 2	\$ 0
126	-0.3 38%	+3.8 53%	+26 56%	+39 58%	+44 60%	+59 56%	-3 42%	+1.2 50%	+0.2 41%	+24 50%	+4.3 42%	-2.1 43%	-2.1 52%	+1.2 31%	-0.1 36%	+1.3 26%	-0.09 46%	+0.16 43%	+\$ 34	+\$ 24
127	-1.1 42%	+5.8 60%	+33 63%	+46 63%	+64 65%	+87 62%	0 50%	+0.7 54%	+2.8 47%	+34 56%	+1.8 49%	-1.5 49%	-2.7 59%	+1.0 36%	-0.4 43%	+0.4 31%	-0.06 53%	+0.39 50%	+\$ 47	+\$ 15
128	- -	+3.5 45%	+21 48%	+30 49%	+46 52%	+58 48%	+2 33%	+1.4 37%	+2.9 31%	+23 41%	+2.5 33%	-0.4 35%	-0.6 45%	- -	-0.2 27%	- -	+0.08 38%	+0.01 35%	+\$ 24	+\$ 14
129	-0.6 33%	+4.2 53%	+21 56%	+30 57%	+40 58%	+58 55%	-2 42%	+0.4 46%	+3.1 40%	+25 49%	+1.4 42%	-1.3 43%	-1.4 52%	+0.8 30%	-0.2 36%	+1.0 27%	+0.02 46%	+0.03 43%	+\$ 16	+\$ 9
156	-0.3 53%	+5.0 64%	+27 66%	+33 67%	+47 68%	+61 66%	-2 58%	+0.5 60%	+7.6 51%	+28 61%	+2.0 53%	-0.1 53%	+0.6 61%	+0.9 43%	-0.3 48%	+2.3 36%	+0.06 56%	+0.21 53%	+\$ 15	-\$ 4
157	-0.1 28%	+4.1 49%	+23 54%	+30 55%	+44 57%	+64 53%	-2 35%	+0.2 41%	+6.4 33%	+28 46%	+3.2 35%	-0.9 37%	-0.9 47%	+0.8 25%	-0.3 29%	- -	0.00 41%	-0.06 37%	+\$ 14	+\$ 2
158	0.0 38%	+3.7 50%	+19 55%	+21 55%	+31 56%	+36 53%	-2 36%	-0.4 41%	+6.4 34%	+16 46%	+3.6 36%	-0.6 38%	-1.2 47%	+0.6 25%	-0.2 30%	- -	+0.12 41%	-0.10 38%	-\$ 7	-\$ 6
159	+0.8 34%	+3.3 50%	+22 55%	+27 55%	+38 56%	+40 53%	+2 37%	+0.9 41%	+4.6 34%	+20 46%	+3.1 36%	+0.1 37%	+0.2 47%	+0.5 26%	-0.2 30%	- -	+0.02 40%	+0.18 37%	+\$ 6	+\$ 5
160	-0.9 33%	+5.5 53%	+27 57%	+38 57%	+49 59%	+75 55%	-5 41%	-0.8 45%	+10.9 37%	+31 48%	+3.2 39%	-1.6 40%	-2.1 50%	+1.0 28%	-0.4 32%	- -	-0.01 43%	-0.06 40%	+\$ 8	-\$ 18
161	+0.7 35%	+1.3 53%	+12 57%	+18 59%	+27 59%	+21 56%	0 40%	+0.3 44%	+0.3 39%	+9 50%	+3.9 40%	+0.1 43%	+1.4 52%	+0.6 28%	-0.1 35%	+0.6 26%	+0.14 46%	+0.23 43%	+\$ 8	+\$ 22
162	-0.4 25%	+2.8 50%	+15 55%	+19 57%	+29 57%	+38 54%	-1 37%	-1.0 40%	+9.8 34%	+14 46%	+4.2 37%	-0.1 38%	-0.1 48%	+0.7 25%	-0.1 30%	- -	+0.09 41%	+0.02 38%	-\$ 16	-\$ 14
163	-0.4 25%	+4.3 48%	+24 52%	+31 53%	+42 55%	+54 51%	-1 35%	-1.1 41%	+8.6 33%	+23 44%	+4.0 34%	-1.5 36%	-1.6 46%	- -	-0.4 28%	- -	-0.10 40%	+0.24 36%	+\$ 6	-\$ 4
164	0.0 30%	+1.5 55%	+13 60%	+22 62%	+23 62%	+34 59%	+2 40%	-0.1 45%	+0.3 38%	+13 51%	+4.0 41%	-0.4 42%	-0.5 53%	+1.1 28%	-0.1 34%	- -	-0.01 46%	+0.19 43%	+\$ 2	+\$ 16
165	+0.4 30%	+0.9 54%	+15 59%	+24 61%	+29 61%	+25 58%	+1 40%	+1.3 45%	-0.6 38%	+13 51%	+4.1 40%	+0.1 42%	+0.7 52%	+0.7 28%	0.0 34%	- -	+0.04 45%	+0.32 42%	+\$ 13	+\$ 25
166	-1.8 52%	+5.1 59%	+29 61%	+45 62%	+60 63%	+88 60%	-2 44%	-0.1 51%	+8.0 41%	+34 53%	+3.3 42%	-1.2 43%	-2.0 53%	+1.0 31%	-0.2 36%	-0.5 25%	+0.05 47%	-0.15 44%	+\$ 33	+\$ 3
167	-1.3 52%	+5.5 58%	+28 60%	+41 61%	+57 63%	+78 59%	-2 44%	-0.9 51%	+10.0 41%	+33 52%	+3.5 43%	-1.4 43%	-2.6 53%	+1.0 31%	-0.4 37%	+0.7 26%	+0.06 47%	-0.08 44%	+\$ 21	-\$ 9
168	-0.3 31%	+2.5 51%	+20 54%	+31 55%	+41 57%	+51 54%	-1 40%	+0.8 45%	+1.6 37%	+18 47%	+2.7 40%	+0.2 41%	+0.2 51%	+0.5 27%	0.0 33%	- -	+0.06 44%	+0.06 41%	+\$ 21	+\$ 18
169	-0.1 28%	+3.8 49%	+23 53%	+33 54%	+48 56%	+54 52%	-2 37%	+1.0 43%	-4.4 35%	+24 45%	+2.0 38%	-0.3 38%	-0.9 49%	+0.7 25%	-0.1 31%	- -	+0.06 42%	+0.10 39%	+\$ 48	+\$ 39
170	-2.3 53%	+0.3 72%	+13 70%	+27 72%	+32 73%	+30 71%	-5 52%	+1.5 61%	-8.9 51%	+17 65%	+3.5 61%	+0.1 60%	+1.3 68%	+0.8 40%	-0.2 53%	+2.7 46%	+0.05 65%	+0.60 60%	+\$ 46	+\$ 60
171	-0.2 34%	+3.7 58%	+18 61%	+24 62%	+31 63%	+44 61%	-2 47%	+0.8 52%	+0.9 42%	+19 53%	+3.2 43%	-1.2 44%	-1.0 54%	+1.1 31%	-0.1 36%	-1.0 31%	-0.14 62%	+0.29 47%	+\$ 12	+\$ 12
172	+0.5 49%	+3.0 62%	+20 63%	+27 64%	+43 66%	+53 61%	-3 39%	+0.8 52%	+5.3 40%	+21 54%	+2.5 43%	0.0 45%	-0.3 56%	+0.5 30%	-0.3 36%	- -	+0.22 55%	+0.01 46%	+\$ 16	+\$ 9
173	+1.1 51%	+3.5 64%	+23 65%	+31 66%	+45 67%	+52 63%	-1 40%	+0.9 53%	+4.1 41%	+20 56%	+3.4 45%	-0.2 46%	-0.5 58%	+0.9 31%	-0.2 38%	- -	+0.20 57%	-0.03 48%	+\$ 23	+\$ 12
176	0.0 31%	+3.5 66%	+19 64%	+26 68%	+35 61%	+43 58%	-1 43%	+1.1 43%	-3.7 36%	+22 52%	+1.3 38%	-0.6 39%	-0.5 48%	+0.6 29%	-0.1 33%	- -	-0.01 41%	+0.07 40%	+\$ 24	+\$ 25

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
177	+0.7 34%	+3.6 67%	+21 65%	+23 68%	+36 62%	+39 59%	0 44%	+0.3 44%	+1.5 37%	+21 53%	+1.2 39%	-0.4 40%	-0.5 49%	+0.5 30%	-0.2 34%	- -	0.00 42%	+0.05 41%	+\$ 11	+\$ 10
178	-0.1 36%	+2.7 68%	+19 65%	+21 69%	+32 64%	+29 61%	-4 46%	+0.4 49%	-2.5 42%	+16 54%	+2.6 45%	-0.1 45%	-0.2 55%	+0.8 33%	-0.1 38%	-0.7 28%	+0.04 49%	+0.20 46%	+\$ 24	+\$ 29
179	+0.6 34%	+4.5 67%	+21 66%	+26 69%	+43 63%	+54 60%	0 46%	+1.6 45%	-1.9 38%	+22 54%	+1.1 41%	-0.4 41%	-0.7 51%	+0.6 31%	-0.1 35%	- -	+0.04 43%	-0.08 42%	+\$ 29	+\$ 20
180	-1.0 34%	+4.1 64%	+27 59%	+31 60%	+42 62%	+52 59%	-2 46%	+0.9 51%	+4.5 41%	+24 52%	+3.0 42%	-1.0 43%	-1.7 53%	+1.2 30%	-0.1 36%	+0.7 27%	+0.03 48%	-0.10 44%	+\$ 20	+\$ 9
181	+0.2 33%	+2.1 66%	+17 63%	+27 64%	+34 62%	+44 60%	+2 45%	+1.8 45%	-5.8 38%	+18 53%	+1.5 40%	-0.4 41%	-0.6 50%	+0.4 30%	+0.1 34%	- -	-0.05 43%	+0.08 42%	+\$ 27	+\$ 36
182	+0.4 36%	+5.3 65%	+32 60%	+45 59%	+52 60%	+64 57%	-2 45%	+0.2 47%	+6.1 41%	+33 51%	+3.7 43%	-1.8 44%	-2.0 53%	+1.0 32%	-0.4 37%	-1.3 27%	-0.01 47%	+0.14 44%	+\$ 25	+\$ 5
183	+0.2 46%	+3.6 59%	+19 61%	+24 62%	+38 62%	+47 58%	+1 39%	+0.2 49%	+5.8 36%	+23 52%	+1.0 39%	-0.3 40%	-0.6 49%	+0.3 28%	-0.4 33%	+1.6 25%	+0.02 48%	+0.19 42%	-\$ 1	-\$ 4
184	+0.8 41%	+6.1 54%	+35 58%	+52 59%	+68 60%	+86 57%	-1 47%	0.0 50%	+5.8 42%	+37 52%	+4.3 44%	-1.8 44%	-2.1 52%	+1.2 33%	-0.4 38%	-0.9 27%	0.00 47%	+0.25 45%	+\$ 50	+\$ 12
185	+0.8 41%	+6.1 54%	+35 58%	+52 59%	+68 60%	+86 57%	-1 47%	0.0 50%	+5.8 42%	+37 52%	+4.3 44%	-1.8 44%	-2.1 52%	+1.2 33%	-0.4 38%	-0.9 27%	0.00 47%	+0.25 45%	+\$ 50	+\$ 12
186	+0.2 41%	+4.8 53%	+30 56%	+45 57%	+57 58%	+71 55%	0 43%	+1.2 49%	+0.8 40%	+31 50%	+3.6 41%	-1.4 41%	-2.0 49%	+1.1 31%	-0.2 36%	+0.4 25%	+0.03 44%	+0.11 42%	+\$ 47	+\$ 25
187	+0.2 41%	+4.8 53%	+30 56%	+45 57%	+57 58%	+71 55%	0 43%	+1.2 49%	+0.8 40%	+31 50%	+3.6 41%	-1.4 41%	-2.0 49%	+1.1 31%	-0.2 36%	+0.4 25%	+0.03 44%	+0.11 42%	+\$ 47	+\$ 25
188	+0.8 41%	+6.1 54%	+35 58%	+52 59%	+68 60%	+86 57%	-1 47%	0.0 50%	+5.8 42%	+37 52%	+4.3 44%	-1.8 44%	-2.1 52%	+1.2 33%	-0.4 38%	-0.9 27%	0.00 47%	+0.25 45%	+\$ 50	+\$ 12
189	-0.4 29%	+5.0 49%	+29 60%	+43 67%	+55 58%	+74 54%	-4 33%	+0.3 37%	+5.2 31%	+31 48%	+5.0 35%	-1.4 35%	-1.4 43%	+1.3 26%	-0.3 30%	- -	-0.03 37%	+0.10 36%	+\$ 39	+\$ 13
190	+0.1 34%	+5.2 52%	+29 62%	+42 68%	+49 60%	+67 56%	+2 38%	+1.6 38%	+1.3 33%	+31 50%	+3.6 35%	-1.4 35%	-1.7 42%	+1.3 27%	-0.2 30%	- -	-0.05 37%	-0.08 36%	+\$ 34	+\$ 17
191	-0.7 37%	+4.4 50%	+25 53%	+38 53%	+50 53%	+70 50%	-1 36%	+0.9 41%	+0.2 33%	+28 46%	+4.4 40%	-1.4 39%	-1.5 46%	+1.2 27%	-0.3 34%	-0.1 26%	+0.01 42%	+0.09 40%	+\$ 42	+\$ 28
192	+0.1 30%	+4.1 50%	+23 61%	+32 66%	+41 58%	+55 54%	-2 40%	0.0 38%	+3.7 32%	+24 49%	+3.1 35%	-0.9 35%	-1.0 40%	+0.9 29%	-0.2 30%	- -	-0.01 36%	+0.13 35%	+\$ 18	+\$ 9
193	-0.2 47%	+3.7 56%	+18 64%	+20 69%	+30 62%	+44 58%	-2 37%	-0.2 47%	+3.6 35%	+20 52%	+1.5 37%	-0.8 38%	-1.2 45%	+0.5 29%	-0.4 33%	+1.0 25%	+0.02 46%	+0.15 40%	-\$ 4	-\$ 1
194	- -	+3.7 51%	+27 63%	+37 70%	+49 60%	+61 56%	0 33%	+0.9 34%	+5.7 26%	+28 49%	+4.2 30%	-0.6 30%	-1.0 37%	+0.9 25%	- -	- -	+0.05 31%	-0.16 30%	+\$ 23	+\$ 8
195	+0.3 32%	+4.7 50%	+25 61%	+34 67%	+46 58%	+62 55%	-1 39%	-0.3 37%	+6.4 34%	+29 49%	+3.2 36%	-1.2 36%	-1.4 43%	+0.9 28%	-0.3 31%	- -	-0.04 38%	+0.09 36%	+\$ 15	-\$ 1
196	- -	+3.3 51%	+22 64%	+26 71%	+39 60%	+48 57%	+1 35%	+0.5 34%	+3.0 26%	+22 50%	+3.4 29%	-0.6 29%	-1.1 36%	+0.5 25%	- -	- -	+0.02 30%	-0.10 29%	+\$ 12	+\$ 11
197	+0.6 30%	+5.2 51%	+28 60%	+40 66%	+53 59%	+69 55%	0 42%	-0.5 42%	+4.8 35%	+33 49%	+2.2 37%	-1.1 38%	-0.9 47%	+0.6 28%	-0.4 31%	- -	-0.07 41%	+0.24 38%	+\$ 25	+\$ 6
198	- -	+4.2 52%	+28 65%	+39 71%	+55 62%	+69 58%	+1 38%	+0.9 36%	+0.5 30%	+32 52%	+3.5 34%	-1.1 33%	-1.8 39%	+0.7 27%	-0.2 29%	- -	+0.01 34%	-0.16 33%	+\$ 43	+\$ 26
199	+0.2 29%	+3.0 50%	+17 62%	+17 69%	+26 60%	+32 56%	-3 33%	-0.5 34%	+3.5 28%	+17 49%	+2.4 31%	-1.0 31%	-1.1 38%	+0.5 25%	-0.3 25%	- -	-0.02 32%	+0.18 31%	-\$ 7	+\$ 2
200	- -	+3.2 51%	+23 65%	+30 71%	+43 61%	+50 57%	+2 36%	+0.5 32%	- -	+24 50%	+3.3 28%	-0.3 27%	-0.7 34%	- -	- -	- -	+0.06 27%	-0.16 27%	+\$ 15	+\$ 10
202	+0.9 31%	+3.8 48%	+23 58%	+29 57%	+40 53%	+51 50%	+1 37%	-0.2 35%	+4.4 28%	+23 45%	+3.5 31%	-0.8 32%	-0.1 40%	- -	-0.3 26%	- -	-0.07 34%	+0.11 32%	+\$ 10	+\$ 4
203	+0.6 46%	+2.8 56%	+14 64%	+15 70%	+19 62%	+23 58%	-2 33%	-0.3 40%	+6.7 31%	+17 51%	+1.4 33%	-0.7 34%	-0.6 41%	+0.5 26%	-0.3 28%	- -	0.00 48%	+0.05 38%	-\$ 26	-\$ 13
204	+0.4 37%	+4.9 53%	+28 63%	+36 69%	+43 61%	+57 57%	0 38%	+0.5 39%	+1.6 34%	+29 51%	+2.3 35%	-1.6 36%	-2.0 44%	+1.0 27%	-0.4 30%	- -	-0.05 38%	+0.11 36%	+\$ 21	+\$ 10
205	+0.2 37%	+3.3 51%	+19 63%	+20 69%	+24 60%	+32 56%	-3 33%	+0.2 37%	+4.5 31%	+21 49%	+1.2 33%	-1.0 33%	-1.5 42%	+0.7 25%	-0.2 28%	- -	-0.08 37%	-0.01 34%	-\$ 11	-\$ 3
206	- -	+2.6 52%	+17 65%	+20 71%	+28 61%	+38 57%	+1 38%	+0.8 35%	+1.4 27%	+17 50%	+2.6 30%	-0.4 30%	-0.8 37%	+0.6 25%	-0.1 25%	- -	0.00 30%	-0.10 30%	\$ 0	+\$ 8
207	-0.5 33%	+3.7 50%	+23 63%	+28 70%	+40 61%	+48 56%	-2 32%	+0.3 35%	+2.7 28%	+25 49%	+3.2 30%	-1.2 30%	-1.5 38%	- -	- -	- -	-0.03 33%	+0.06 30%	+\$ 18	+\$ 12

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
208	+0.5 27%	+5.8 47%	+32 56%	+39 55%	+53 51%	+76 49%	0 36%	-0.8 36%	+10.1 30%	+31 43%	+4.5 33%	-1.5 33%	-1.7 40%	+1.0 25%	-0.4 28%	- -	-0.02 35%	-0.10 33%	+\$ 12	-\$ 15
209	-0.5 32%	+3.8 50%	+22 63%	+28 70%	+38 61%	+48 57%	-3 33%	0.0 35%	+3.2 28%	+24 50%	+3.3 30%	-1.3 31%	-1.9 38%	+0.7 25%	-0.3 25%	- -	-0.03 34%	+0.01 31%	+\$ 12	+\$ 8
210	+0.2 28%	+3.0 50%	+17 62%	+17 68%	+28 60%	+36 55%	-3 32%	+0.2 34%	+1.6 26%	+19 49%	+2.5 29%	-1.0 29%	-1.1 37%	- -	- -	- -	-0.05 31%	+0.08 29%	+\$ 4	+\$ 11
211	+0.8 26%	+5.6 50%	+28 59%	+36 57%	+50 54%	+70 50%	-2 37%	-0.8 35%	+10.6 29%	+28 45%	+4.5 32%	-1.4 33%	-1.5 40%	+0.9 25%	-0.5 27%	- -	0.00 34%	+0.04 33%	+\$ 8	-\$ 17
212	- -	+4.2 52%	+28 63%	+34 62%	+47 57%	+55 53%	+2 40%	+0.1 37%	+3.9 30%	+26 48%	+4.6 33%	-0.8 33%	-1.3 40%	+0.9 28%	-0.3 29%	- -	0.00 33%	-0.07 33%	+\$ 23	+\$ 12
213	+0.5 29%	+3.8 49%	+22 53%	+30 54%	+39 56%	+58 52%	0 37%	+0.9 42%	-0.5 34%	+19 45%	+5.2 36%	-1.6 37%	-1.9 48%	- -	-0.1 29%	- -	-0.01 41%	-0.15 38%	+\$ 26	+\$ 21
214	+0.9 31%	+6.0 50%	+29 53%	+41 54%	+54 57%	+84 53%	-1 38%	-0.4 43%	+7.3 36%	+36 46%	+3.2 38%	-2.0 39%	-2.5 49%	+0.9 26%	-0.4 31%	- -	-0.07 43%	0.00 40%	+\$ 20	-\$ 7
215	+0.3 30%	+3.5 50%	+21 53%	+24 55%	+31 57%	+47 53%	+1 38%	+0.3 42%	+3.7 35%	+15 46%	+5.5 37%	-1.2 38%	-1.4 49%	- -	-0.1 30%	- -	-0.03 42%	-0.18 39%	+\$ 2	+\$ 2
216	+0.1 29%	+4.0 49%	+22 53%	+28 54%	+37 56%	+57 52%	+2 37%	+0.7 42%	+0.4 34%	+18 45%	+5.3 36%	-1.4 37%	-1.7 47%	- -	-0.1 29%	- -	-0.03 41%	-0.18 37%	+\$ 18	+\$ 15
217	+0.4 30%	+3.5 49%	+19 52%	+24 54%	+32 56%	+53 52%	+1 37%	+0.3 42%	-0.6 34%	+17 45%	+4.2 36%	-1.1 37%	-1.6 48%	- -	-0.1 29%	- -	-0.02 41%	-0.15 38%	+\$ 11	+\$ 13
218	+0.5 32%	+6.4 52%	+30 55%	+39 56%	+54 59%	+88 55%	-3 39%	-0.9 45%	+13.2 38%	+35 48%	+3.0 40%	-2.1 41%	-2.9 51%	+0.8 27%	-0.5 33%	- -	-0.08 45%	-0.07 41%	+\$ 4	-\$ 26
219	+0.7 30%	+2.8 49%	+17 53%	+20 54%	+22 56%	+42 52%	-1 37%	+0.1 42%	+3.9 34%	+13 45%	+5.3 36%	-1.2 38%	-1.3 48%	- -	0.0 29%	- -	-0.07 42%	-0.19 38%	-\$ 10	-\$ 2
220	+0.7 42%	+5.6 57%	+28 61%	+36 62%	+46 63%	+65 59%	-2 42%	-0.5 48%	+7.8 42%	+31 52%	+2.0 43%	-2.0 43%	-3.4 54%	+1.0 30%	-0.4 36%	-0.8 28%	-0.07 48%	+0.16 44%	+\$ 8	-\$ 12
221	+0.5 28%	+3.9 49%	+22 54%	+31 55%	+38 57%	+51 53%	-2 35%	-0.1 40%	+9.3 32%	+25 45%	+3.5 34%	-1.1 36%	-0.8 46%	- -	-0.3 28%	- -	+0.03 40%	-0.10 36%	-\$ 3	-\$ 11
222	+0.6 35%	+2.5 52%	+18 58%	+23 58%	+33 59%	+37 55%	-1 39%	+0.6 43%	+4.4 36%	+20 48%	+0.7 38%	+0.4 39%	+0.8 49%	0.0 27%	-0.1 31%	- -	+0.13 43%	-0.06 40%	-\$ 4	\$ 0
223	+0.3 32%	+3.7 50%	+21 55%	+25 55%	+37 56%	+54 53%	-4 36%	-0.6 42%	+5.3 35%	+21 46%	+3.4 36%	-0.8 38%	-0.7 47%	+0.6 26%	-0.3 30%	- -	-0.07 41%	+0.13 38%	+\$ 6	\$ 0
224	+0.8 34%	+5.8 53%	+33 59%	+42 58%	+64 61%	+76 57%	-3 40%	+0.7 50%	+3.8 39%	+32 50%	+3.5 40%	-2.0 42%	-2.7 52%	+1.1 28%	-0.3 35%	- -	0.00 46%	0.00 43%	+\$ 50	+\$ 17
225	+1.0 34%	+6.2 54%	+33 59%	+41 59%	+64 62%	+85 58%	-4 41%	-0.5 50%	+8.8 40%	+34 51%	+3.6 42%	-2.0 44%	-2.5 53%	+1.2 29%	-0.4 37%	-1.3 25%	-0.04 47%	+0.09 44%	+\$ 39	+\$ 2
226	+0.3 40%	+4.8 56%	+31 61%	+38 62%	+53 64%	+66 59%	-6 42%	+0.9 53%	+3.3 42%	+32 53%	+2.4 44%	-1.6 46%	-2.8 55%	+1.0 30%	-0.2 38%	-0.3 29%	-0.10 50%	-0.01 46%	+\$ 38	+\$ 16
227	+1.2 33%	+4.3 54%	+20 58%	+27 59%	+23 60%	+36 57%	-5 43%	-1.7 48%	+7.6 41%	+21 50%	+2.9 43%	-0.6 43%	-0.4 53%	+0.3 31%	-0.5 36%	-3.2 26%	-0.02 47%	+0.13 44%	-\$ 26	-\$ 19
228	+0.9 33%	+6.4 52%	+27 54%	+33 55%	+51 57%	+73 54%	-1 38%	-1.3 43%	+9.8 36%	+32 46%	+1.3 38%	-1.1 39%	-1.7 50%	+0.3 26%	-0.4 31%	- -	+0.03 46%	-0.21 40%	+\$ 4	-\$ 20
230	+0.3 28%	+3.2 51%	+20 55%	+30 56%	+38 58%	+43 54%	-2 40%	-0.2 42%	-0.2 34%	+21 47%	+2.5 36%	-0.1 38%	+0.3 48%	+0.3 25%	-0.2 30%	- -	-0.01 41%	+0.23 38%	+\$ 20	+\$ 21
231	-0.6 30%	+3.0 53%	+16 56%	+19 57%	+23 60%	+19 56%	-1 41%	-0.1 45%	+3.3 38%	+15 49%	+3.8 40%	0.0 41%	+0.9 52%	+0.6 28%	-0.2 33%	- -	-0.01 45%	+0.37 42%	-\$ 9	+\$ 3
244	+1.3 49%	+3.5 62%	+19 67%	+19 66%	+21 73%	+26 65%	-1 45%	-0.8 48%	+8.3 40%	+19 57%	+1.9 42%	-1.0 43%	-1.1 52%	+0.6 32%	-0.4 37%	-0.9 25%	0.00 55%	+0.04 46%	-\$ 30	-\$ 22
245	+1.3 49%	+3.7 62%	+20 64%	+20 64%	+26 64%	+31 61%	-1 45%	-0.7 49%	+8.3 40%	+21 55%	+2.0 42%	-1.0 43%	-1.1 52%	+0.6 32%	-0.4 37%	-0.9 25%	+0.02 55%	+0.04 47%	-\$ 22	-\$ 18
246	+1.5 42%	+3.2 60%	+26 64%	+30 65%	+39 66%	+47 62%	-4 49%	+0.7 54%	+7.3 44%	+26 56%	+2.7 46%	-0.7 46%	0.0 56%	+0.6 35%	-0.2 40%	+1.9 30%	-0.07 51%	+0.10 47%	+\$ 5	-\$ 1
247	+0.9 36%	+4.7 58%	+27 62%	+32 62%	+39 64%	+42 60%	-2 47%	-0.8 51%	+7.2 44%	+29 54%	+3.1 46%	-1.6 46%	-1.0 56%	+0.8 34%	-0.3 39%	-0.8 29%	-0.06 51%	+0.04 47%	+\$ 2	-\$ 8
248	+0.5 51%	+4.6 64%	+26 67%	+36 67%	+43 68%	+51 65%	-2 55%	-1.5 58%	+8.3 55%	+30 60%	+3.0 53%	-1.5 52%	-1.4 62%	+0.7 41%	-0.4 46%	-1.1 39%	-0.04 59%	+0.27 53%	+\$ 4	-\$ 9
249	+0.6 40%	+6.1 62%	+26 64%	+32 65%	+40 67%	+46 64%	-5 55%	-2.3 56%	+5.9 50%	+26 58%	+5.5 51%	-1.7 51%	-1.9 60%	+0.6 40%	-0.5 45%	-1.6 34%	-0.05 55%	+0.28 52%	+\$ 4	-\$ 8
250	+1.2 29%	+4.4 54%	+21 57%	+24 57%	+31 58%	+43 55%	-4 41%	-0.9 43%	+4.1 38%	+23 48%	+3.6 40%	-1.2 40%	-1.4 50%	+0.8 29%	-0.4 33%	-1.6 25%	-0.05 44%	+0.15 41%	+\$ 1	+\$ 2

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
251	+1.1 53%	+5.0 65%	+27 67%	+32 68%	+46 70%	+60 66%	-2 49%	+0.4 55%	+7.4 52%	+28 62%	+1.2 53%	-1.6 57%	-2.0 64%	+0.5 37%	-0.2 51%	-4.9 33%	-0.05 61%	-0.04 57%	+\$ 8	-\$ 8
252	+1.1 48%	+4.3 63%	+28 65%	+33 66%	+48 68%	+60 64%	-4 46%	+1.4 53%	+5.5 49%	+30 60%	+1.9 51%	-1.0 55%	-0.4 62%	+0.6 35%	-0.4 49%	+0.7 31%	-0.06 58%	+0.12 55%	+\$ 21	+\$ 7
253	+0.1 50%	+4.8 64%	+29 67%	+35 68%	+53 70%	+67 66%	-4 49%	+1.0 55%	+8.1 51%	+32 62%	+2.7 53%	-1.8 57%	-2.4 63%	+0.8 38%	-0.3 51%	-2.2 31%	-0.03 59%	-0.10 56%	+\$ 22	-\$ 1
254	+1.1 48%	+5.4 63%	+29 65%	+34 66%	+48 68%	+54 64%	-3 47%	+0.1 53%	+10.4 48%	+28 60%	+2.3 50%	-0.9 55%	-1.4 62%	+0.5 35%	-0.4 49%	-2.6 29%	+0.12 57%	-0.22 54%	+\$ 4	-\$ 14
255	+1.0 49%	+4.0 64%	+23 67%	+24 68%	+35 70%	+35 66%	-5 48%	+0.5 54%	+9.2 50%	+26 61%	+0.4 52%	-1.4 56%	-2.2 63%	+0.4 36%	-0.3 50%	-4.1 31%	+0.04 59%	-0.15 56%	-\$ 10	-\$ 13
263	+0.4 33%	+4.1 56%	+22 60%	+31 61%	+47 63%	+60 59%	-3 45%	-0.8 46%	+7.6 41%	+26 52%	+2.5 44%	-0.9 44%	-1.2 53%	+0.5 31%	-0.6 37%	- -	+0.13 47%	+0.17 44%	+\$ 13	+\$ 1
264	-1.1 31%	+4.6 55%	+29 60%	+40 60%	+57 63%	+69 58%	0 44%	-0.1 45%	+6.5 39%	+34 51%	+3.0 42%	-1.0 42%	-2.0 52%	+0.6 30%	-0.6 35%	- -	-0.03 46%	+0.15 43%	+\$ 27	+\$ 5
265	+0.9 28%	+5.3 56%	+29 62%	+42 62%	+61 63%	+64 59%	0 45%	-0.8 45%	+6.6 37%	+37 52%	+1.9 41%	-1.4 41%	-2.5 50%	+0.4 31%	-0.6 34%	- -	+0.08 44%	+0.14 41%	+\$ 31	+\$ 8
266	+1.3 29%	+4.3 56%	+25 61%	+30 61%	+49 63%	+45 59%	-2 49%	-0.3 46%	+11.3 37%	+29 52%	+2.2 41%	-0.2 41%	+0.4 50%	+0.3 31%	-0.5 35%	- -	+0.07 44%	+0.27 41%	+\$ 5	-\$ 9
267	+1.0 30%	+5.9 52%	+36 55%	+49 56%	+69 58%	+90 55%	-1 39%	+0.5 44%	+10.5 36%	+37 47%	+5.0 38%	-1.3 39%	-1.4 50%	+1.2 26%	-0.4 31%	- -	+0.08 43%	-0.27 39%	+\$ 40	-\$ 2
268	-0.1 32%	+5.3 56%	+31 60%	+40 61%	+59 64%	+70 59%	-2 46%	+0.2 47%	+7.8 40%	+33 52%	+4.3 43%	-1.4 44%	-2.2 53%	+0.9 31%	-0.6 37%	- -	+0.05 47%	+0.05 44%	+\$ 31	+\$ 5
269	+0.1 28%	+5.2 56%	+28 62%	+32 62%	+47 63%	+53 59%	-2 44%	-1.0 46%	+10.5 37%	+31 52%	+3.1 40%	-1.3 41%	-1.6 51%	+0.5 30%	-0.4 34%	- -	-0.02 44%	+0.08 41%	+\$ 2	-\$ 14
270	+0.3 28%	+4.5 53%	+25 57%	+37 58%	+48 59%	+70 56%	0 43%	0.0 47%	+2.4 37%	+26 49%	+4.2 39%	-1.3 40%	-1.8 49%	+0.8 28%	-0.5 33%	- -	+0.13 43%	-0.13 40%	+\$ 25	+\$ 11
271	+0.3 30%	+4.8 54%	+28 58%	+42 59%	+62 61%	+69 57%	-4 44%	-0.8 47%	+7.4 40%	+32 50%	+4.7 42%	-1.4 43%	-1.9 53%	+0.7 29%	-0.4 35%	- -	+0.10 46%	+0.08 43%	+\$ 39	+\$ 11
272	-0.5 33%	+5.9 57%	+31 62%	+42 62%	+66 65%	+79 60%	-2 48%	-0.4 48%	+8.7 41%	+38 54%	+2.9 44%	-1.3 44%	-1.9 54%	+0.5 32%	-0.7 37%	+0.5 25%	+0.11 48%	+0.11 45%	+\$ 33	-\$ 1
273	+0.5 30%	+4.7 53%	+25 57%	+34 57%	+44 59%	+71 56%	-1 40%	-0.7 46%	+6.6 39%	+28 49%	+3.1 41%	-1.8 42%	-2.5 52%	+0.8 28%	-0.5 34%	- -	-0.09 45%	+0.11 42%	+\$ 8	-\$ 6
274	+0.2 28%	+4.7 52%	+25 56%	+31 58%	+51 59%	+65 55%	-2 40%	-0.8 46%	+11.6 37%	+27 48%	+4.0 39%	-1.8 40%	-2.7 51%	+0.9 27%	-0.4 32%	- -	+0.08 44%	-0.04 41%	+\$ 10	-\$ 12
275	+0.7 26%	+2.2 52%	+18 56%	+23 58%	+39 59%	+43 55%	0 39%	+0.1 47%	0.0 37%	+20 48%	+2.8 38%	-0.7 39%	-0.9 50%	+0.4 26%	-0.2 31%	- -	+0.02 44%	+0.13 40%	+\$ 22	+\$ 25
276	+0.6 26%	+4.3 55%	+27 61%	+34 61%	+54 63%	+51 58%	+3 42%	+0.1 45%	+8.0 36%	+28 51%	+2.9 39%	-0.4 39%	-0.6 49%	+0.5 28%	-0.3 32%	- -	+0.14 43%	0.00 40%	+\$ 20	+\$ 3
277	-0.5 31%	+3.9 55%	+23 61%	+35 61%	+51 63%	+60 59%	-1 44%	+0.2 48%	+2.0 40%	+28 52%	+2.3 42%	-0.7 43%	-0.7 53%	+0.6 30%	-0.5 36%	- -	+0.11 46%	+0.15 43%	+\$ 34	+\$ 21
278	+0.2 30%	+4.9 54%	+31 59%	+40 59%	+60 62%	+70 58%	0 44%	+0.5 45%	+4.3 39%	+32 50%	+4.1 41%	-1.1 42%	-0.6 51%	+1.0 29%	-0.6 35%	- -	+0.07 45%	+0.20 42%	+\$ 42	+\$ 17
279	-1.0 32%	+5.6 56%	+29 60%	+34 61%	+57 64%	+70 59%	-2 45%	+0.1 47%	+4.6 41%	+33 52%	+4.1 43%	-1.6 44%	-1.7 54%	+0.9 31%	-0.6 37%	- -	0.00 48%	+0.16 44%	+\$ 34	+\$ 8
280	+1.0 29%	+3.3 52%	+23 56%	+26 57%	+42 58%	+46 55%	-3 39%	+0.2 45%	+5.6 35%	+24 47%	+2.8 37%	-0.4 39%	+0.1 49%	+0.6 26%	-0.3 31%	- -	+0.06 42%	-0.04 39%	+\$ 15	+\$ 9
281	+1.4 27%	+3.6 56%	+23 63%	+25 64%	+41 63%	+50 59%	-1 41%	-0.6 54%	+10.0 37%	+23 52%	+2.4 39%	-0.4 40%	-0.9 50%	+0.4 28%	-0.5 33%	- -	+0.08 43%	-0.03 40%	-\$ 5	-\$ 13
282	+0.7 29%	+5.2 57%	+29 62%	+35 62%	+50 64%	+49 60%	0 43%	-1.0 47%	+9.9 39%	+31 52%	+2.2 41%	-1.0 42%	-1.1 52%	+0.6 30%	-0.5 34%	- -	+0.08 46%	+0.13 43%	+\$ 8	-\$ 10
283	+0.5 29%	+2.7 53%	+17 57%	+22 58%	+31 60%	+37 57%	0 42%	-0.7 48%	+3.9 39%	+17 49%	+3.1 41%	-1.5 42%	-2.6 52%	+0.7 29%	-0.2 34%	- -	+0.03 46%	+0.05 42%	\$ 0	+\$ 5
284	+0.7 30%	+5.1 52%	+31 55%	+42 56%	+60 58%	+69 54%	+1 39%	-0.3 44%	+8.1 35%	+32 47%	+5.2 37%	-1.2 38%	-0.3 48%	+1.1 26%	-0.4 31%	- -	0.00 42%	+0.11 38%	+\$ 34	+\$ 6
285	+0.9 29%	+4.4 51%	+27 55%	+38 57%	+53 58%	+70 54%	-3 38%	+0.1 44%	+6.3 35%	+30 47%	+4.8 37%	-1.3 38%	-0.8 48%	+0.9 26%	-0.4 30%	- -	-0.15 42%	+0.28 38%	+\$ 30	+\$ 11
286	+0.7 33%	+5.1 56%	+28 60%	+38 60%	+55 62%	+69 58%	0 44%	-1.1 47%	+11.0 42%	+32 51%	+3.2 45%	-1.6 45%	-1.3 55%	+0.8 30%	-0.6 37%	-5.4 25%	0.00 49%	+0.22 46%	+\$ 15	-\$ 9

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
287	- -	+3.9 55%	+22 62%	+27 63%	+38 63%	+45 59%	+3 41%	+0.8 51%	+3.1 35%	+25 51%	+1.3 38%	-0.2 39%	-0.3 49%	+0.4 27%	-0.2 31%	- -	+0.06 41%	-0.19 39%	+\$ 5	+\$ 3
300	+0.8 40%	+5.4 54%	+26 58%	+32 58%	+47 60%	+64 57%	-5 42%	-1.4 47%	+10.0 41%	+33 50%	+1.4 43%	-1.4 43%	-1.7 53%	+0.3 31%	-0.6 36%	-2.0 26%	-0.06 47%	+0.20 44%	+\$ 2	-\$ 15
301	+0.7 35%	+3.6 54%	+24 57%	+30 58%	+37 59%	+44 56%	-5 44%	+0.9 47%	+4.6 42%	+25 50%	+3.2 44%	-1.0 44%	-0.8 54%	+0.7 32%	-0.3 37%	-0.2 28%	-0.01 48%	+0.14 45%	+\$ 9	+\$ 4
302	+0.9 37%	+5.6 56%	+28 60%	+35 61%	+51 62%	+63 59%	-4 46%	+0.7 49%	+7.3 44%	+32 53%	+1.6 46%	-1.3 46%	-1.2 56%	+0.6 34%	-0.4 39%	-0.2 29%	+0.10 50%	-0.09 47%	+\$ 16	-\$ 7
303	+1.0 42%	+6.4 59%	+32 63%	+37 63%	+50 65%	+63 62%	-3 50%	-0.2 52%	+12.3 47%	+32 56%	+2.8 49%	-2.5 49%	-3.1 59%	+0.9 36%	-0.4 42%	-5.3 32%	+0.07 53%	-0.22 50%	+\$ 3	-\$ 22
304	+0.4 35%	+4.4 52%	+23 55%	+27 56%	+39 58%	+53 55%	-2 43%	+0.5 46%	+4.3 41%	+23 48%	+2.1 42%	-0.9 43%	-1.9 52%	+0.3 31%	-0.3 36%	+0.7 28%	+0.11 47%	-0.09 43%	+\$ 5	+\$ 1
305	+0.4 34%	+5.3 55%	+29 59%	+38 60%	+53 61%	+67 58%	-5 42%	-1.0 47%	+8.6 38%	+32 51%	+3.9 41%	-1.5 42%	-1.8 52%	+0.8 29%	-0.5 34%	- -	+0.03 45%	+0.08 42%	+\$ 22	-\$ 1
306	-0.2 35%	+7.1 56%	+35 59%	+44 60%	+63 62%	+90 59%	-4 43%	-1.1 48%	+10.1 39%	+40 51%	+4.2 42%	-2.2 42%	-2.9 53%	+1.1 30%	-0.7 35%	-2.0 25%	0.00 46%	-0.06 43%	+\$ 27	-\$ 12
307	-1.5 25%	+1.7 46%	+20 50%	+32 51%	+31 53%	+33 50%	-2 34%	+0.7 39%	+6.5 32%	+21 42%	+4.8 33%	+0.4 35%	+0.7 45%	- -	-0.2 27%	- -	+0.06 39%	-0.11 35%	+\$ 2	+\$ 5
308	-2.1 32%	+2.0 50%	+19 53%	+25 54%	+38 56%	+41 53%	0 36%	+0.7 41%	+9.0 36%	+24 46%	+4.4 41%	-0.3 41%	+0.3 50%	+0.9 26%	-0.2 34%	- -	-0.01 45%	0.00 42%	+\$ 3	\$ 0
309	- -	0.0 38%	+18 41%	+24 42%	+39 45%	+40 41%	+4 26%	+1.4 31%	+2.8 25%	+25 33%	+3.2 26%	+1.2 28%	+1.2 38%	- -	- -	- -	+0.06 31%	-0.20 28%	+\$ 16	+\$ 22
314	+0.5 46%	+6.4 63%	+34 68%	+48 67%	+69 75%	+64 66%	-4 54%	+0.8 53%	+11.1 50%	+37 61%	+2.7 55%	-0.8 55%	-1.5 62%	+0.5 39%	-0.4 49%	-1.7 30%	+0.16 59%	+0.08 55%	+\$ 35	-\$ 3
315	+1.1 38%	+4.3 57%	+20 60%	+26 61%	+29 62%	+34 59%	-6 47%	-1.4 48%	+5.3 44%	+25 54%	+3.7 47%	-1.6 47%	-2.2 56%	+0.6 33%	-0.4 41%	-2.2 26%	-0.13 51%	+0.35 49%	-\$ 6	-\$ 3
316	+0.8 40%	+4.2 58%	+27 63%	+43 63%	+53 68%	+67 61%	-4 49%	+1.2 53%	+3.1 44%	+30 55%	+2.0 46%	-1.3 46%	-1.3 56%	+0.8 35%	-0.3 40%	-1.4 29%	+0.08 50%	+0.13 47%	+\$ 37	+\$ 19
317	+0.1 39%	+5.7 58%	+33 63%	+47 62%	+59 72%	+82 62%	-1 48%	+0.9 52%	+7.3 44%	+38 54%	+2.0 46%	-2.1 46%	-2.5 55%	+1.0 34%	-0.5 39%	-1.9 28%	+0.01 49%	+0.02 46%	+\$ 28	-\$ 3
318	+0.7 32%	+4.4 56%	+29 63%	+33 63%	+49 68%	+58 59%	+1 45%	-0.4 45%	+8.8 39%	+27 52%	+4.7 41%	-1.1 42%	-0.9 52%	+0.8 29%	-0.3 34%	- -	-0.06 46%	+0.09 43%	+\$ 13	-\$ 2
319	+1.9 51%	+6.7 64%	+32 65%	+46 65%	+60 66%	+80 62%	-1 42%	-0.5 47%	+6.3 40%	+36 55%	+5.2 43%	-2.4 45%	-3.5 57%	+1.1 31%	-0.4 36%	- -	0.00 58%	-0.08 47%	+\$ 31	-\$ 3
320	+1.6 51%	+5.7 64%	+26 65%	+32 65%	+50 66%	+80 62%	-2 43%	-0.2 46%	+7.1 39%	+27 55%	+4.2 43%	-2.5 44%	-3.0 56%	+0.8 31%	-0.4 36%	- -	-0.05 57%	-0.08 47%	+\$ 14	-\$ 9
321	+1.1 36%	+5.4 54%	+27 56%	+32 57%	+47 59%	+62 56%	-1 40%	-0.6 44%	+8.8 38%	+26 48%	+3.7 40%	-1.2 41%	-2.0 52%	+0.6 28%	-0.4 33%	- -	+0.09 47%	-0.12 42%	+\$ 6	-\$ 10
322	+1.1 35%	+6.8 53%	+35 55%	+47 56%	+69 58%	+93 55%	-1 38%	-0.1 43%	+7.3 36%	+37 47%	+3.9 38%	-1.6 40%	-2.0 51%	+0.9 26%	-0.5 31%	- -	+0.09 46%	-0.08 41%	+\$ 41	-\$ 1
323	+0.3 35%	+5.4 56%	+30 59%	+40 60%	+53 62%	+78 59%	-5 43%	+0.2 47%	+8.1 40%	+31 52%	+4.8 42%	-1.7 43%	-1.6 53%	+1.2 30%	-0.4 36%	+0.5 25%	-0.09 47%	+0.17 44%	+\$ 27	+\$ 1
324	+0.7 35%	+5.3 55%	+32 57%	+44 58%	+59 59%	+73 56%	-1 39%	+0.1 44%	+4.5 37%	+31 49%	+5.2 39%	-1.1 40%	-0.9 51%	+1.1 27%	-0.4 32%	- -	0.00 46%	+0.14 41%	+\$ 42	+\$ 16
325	+1.0 37%	+4.1 55%	+23 57%	+25 58%	+36 60%	+47 56%	-1 41%	+1.1 45%	+1.4 37%	+22 49%	+2.9 39%	-1.1 41%	-0.7 52%	+0.7 27%	-0.3 33%	- -	-0.03 47%	+0.13 42%	+\$ 12	+\$ 11
326	+0.7 36%	+6.4 56%	+36 58%	+47 58%	+67 60%	+79 57%	-2 40%	-0.1 45%	+5.1 38%	+38 50%	+4.8 40%	-1.6 41%	-1.9 52%	+1.1 27%	-0.5 33%	- -	-0.01 48%	+0.07 43%	+\$ 50	+\$ 15
327	- -	+2.9 54%	+19 66%	+29 62%	+35 59%	+42 54%	-3 40%	-0.3 36%	+2.5 30%	+24 49%	+3.3 33%	-0.9 34%	-1.1 42%	+0.8 26%	-0.3 28%	- -	-0.03 35%	+0.22 34%	+\$ 13	+\$ 14
328	-0.4 27%	+3.9 55%	+28 66%	+41 62%	+41 59%	+52 55%	-1 40%	0.0 40%	+4.4 35%	+28 50%	+4.5 35%	-1.2 35%	-1.4 43%	+1.1 28%	-0.3 30%	- -	-0.06 36%	+0.16 35%	+\$ 16	+\$ 8
329	- -	+3.6 54%	+26 65%	+39 61%	+43 59%	+51 54%	-1 37%	+0.4 37%	+3.4 31%	+27 49%	+3.8 34%	-0.9 34%	-1.3 42%	+0.9 26%	-0.2 28%	- -	-0.02 36%	+0.07 34%	+\$ 20	+\$ 11
330	+0.5 26%	+4.2 52%	+25 59%	+31 57%	+38 57%	+47 54%	-4 43%	0.0 39%	-0.1 33%	+24 48%	+2.5 36%	-0.8 36%	-0.5 45%	+0.6 27%	-0.3 30%	- -	+0.01 38%	+0.01 37%	+\$ 21	+\$ 17
331	- -	+5.5 54%	+31 66%	+42 70%	+52 63%	+64 59%	+3 44%	-0.5 45%	+5.2 29%	+33 53%	+2.7 34%	-1.0 33%	-1.5 40%	+0.5 28%	-0.5 29%	- -	+0.07 33%	-0.18 33%	+\$ 16	-\$ 4
332	+0.8 28%	+5.8 51%	+31 61%	+40 59%	+55 55%	+73 51%	0 36%	-0.4 37%	+7.6 32%	+30 46%	+4.8 35%	-1.7 35%	-1.8 42%	+1.0 26%	-0.4 29%	- -	+0.03 36%	-0.05 35%	+\$ 22	-\$ 4

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
333	- -	+5.4 50%	+31 60%	+41 58%	+55 54%	+76 50%	+1 34%	0.0 34%	+9.7 27%	+30 45%	+4.9 30%	-1.2 31%	-1.6 39%	- -	-0.3 25%	- -	+0.03 32%	-0.20 31%	+\$ 19	-\$ 6
334	+0.7 28%	+4.9 48%	+26 54%	+31 56%	+43 53%	+61 50%	-3 36%	-0.4 37%	+7.1 31%	+25 45%	+4.4 34%	-1.4 34%	-1.2 41%	+0.9 26%	-0.4 28%	- -	+0.02 35%	+0.04 34%	+\$ 10	-\$ 5
335	+0.7 25%	+5.6 51%	+29 61%	+37 61%	+48 56%	+69 53%	+1 37%	-0.6 34%	+10.1 28%	+27 47%	+4.6 31%	-1.4 31%	-1.7 39%	+0.9 25%	-0.4 26%	- -	+0.01 33%	-0.10 31%	+\$ 3	-\$ 19
336	+0.5 27%	+5.3 50%	+28 61%	+39 60%	+49 55%	+72 52%	-2 36%	-0.5 36%	+8.6 30%	+28 46%	+4.5 32%	-1.5 33%	-1.7 40%	+1.0 25%	-0.4 27%	- -	+0.03 34%	-0.02 33%	+\$ 15	-\$ 6
337	+0.8 27%	+3.6 51%	+19 62%	+22 69%	+29 59%	+41 56%	-4 38%	-0.8 36%	+4.8 30%	+21 50%	+2.5 33%	-1.0 33%	-0.5 41%	+0.6 27%	-0.3 27%	- -	-0.11 35%	+0.29 33%	-\$ 5	-\$ 4
338	+0.4 35%	+4.2 59%	+27 63%	+34 64%	+50 65%	+61 61%	-3 43%	+0.7 48%	+6.8 40%	+25 55%	+4.6 44%	-0.9 44%	-0.8 54%	+1.0 31%	-0.2 37%	-3.1 25%	+0.09 50%	+0.03 45%	+\$ 26	+\$ 8
339	+1.1 43%	+4.8 57%	+27 58%	+32 59%	+39 60%	+51 57%	-4 42%	+0.2 43%	+5.7 37%	+27 50%	+3.1 39%	-1.6 40%	-1.8 50%	+1.2 28%	-0.4 33%	- -	-0.08 43%	+0.09 41%	+\$ 10	-\$ 1
340	- -	+1.5 49%	+12 52%	+13 53%	+24 56%	+20 52%	-1 35%	+0.6 41%	+4.2 33%	+11 44%	+2.0 35%	+0.1 37%	+0.8 48%	- -	-0.1 29%	- -	+0.26 41%	-0.30 37%	-\$ 12	+\$ 2
341	+0.4 26%	+2.7 41%	+16 43%	+19 44%	+28 45%	+35 43%	-3 32%	+0.1 35%	+5.1 28%	+16 37%	+2.8 30%	-0.3 31%	-0.3 39%	- -	-0.2 25%	- -	+0.12 33%	-0.11 31%	-\$ 8	-\$ 2
342	+1.4 26%	+6.2 51%	+29 54%	+32 55%	+49 57%	+62 54%	-3 38%	-2.1 43%	+12.7 36%	+33 47%	+2.9 39%	-1.8 40%	-2.2 50%	+0.7 26%	-0.5 32%	- -	-0.06 44%	+0.02 40%	-\$ 1	-\$ 24
343	-0.2 31%	+2.8 46%	+17 50%	+24 50%	+36 53%	+51 51%	-3 39%	+0.9 39%	-0.2 32%	+20 43%	+3.0 34%	-0.4 34%	0.0 41%	+0.5 26%	-0.1 29%	- -	+0.06 38%	-0.20 35%	+\$ 20	+\$ 20
344	-0.3 25%	+1.1 47%	+8 51%	+7 52%	+8 54%	+16 50%	-2 36%	+0.3 40%	+5.1 31%	+6 43%	+3.1 34%	+0.3 35%	+0.6 46%	- -	-0.1 27%	- -	+0.06 39%	-0.21 35%	-\$ 38	-\$ 11
346	+0.2 25%	+4.5 57%	+28 66%	+41 65%	+53 75%	+70 65%	-3 43%	-0.1 71%	+1.0 39%	+24 55%	+6.2 42%	-1.8 43%	-2.3 54%	+1.2 31%	-0.4 36%	+3.3 39%	+0.03 47%	+0.11 43%	+\$ 44	+\$ 24
347	+0.2 27%	+5.7 56%	+29 62%	+38 64%	+50 66%	+56 61%	+1 43%	+0.3 56%	+1.8 40%	+30 53%	+4.0 43%	-2.0 43%	-2.8 53%	+1.0 31%	-0.3 36%	+4.4 32%	-0.01 46%	+0.02 43%	+\$ 29	+\$ 11
348	+0.4 26%	+5.4 57%	+32 64%	+43 64%	+67 67%	+79 62%	+3 46%	+2.1 57%	+4.0 39%	+34 55%	+5.1 43%	-1.6 43%	-1.0 54%	+1.5 32%	-0.4 37%	+0.6 31%	+0.01 45%	+0.14 43%	+\$ 58	+\$ 25
349	+0.6 31%	+2.0 57%	+17 56%	+22 56%	+24 59%	+27 55%	0 39%	-0.1 44%	+2.8 38%	+15 49%	+4.0 40%	-0.6 41%	-0.2 51%	+0.6 27%	-0.2 34%	- -	-0.07 45%	+0.31 42%	-\$ 7	+\$ 6
350	+1.1 34%	+4.0 54%	+22 56%	+28 56%	+35 58%	+43 55%	-2 42%	-0.7 45%	+12.0 39%	+20 49%	+5.1 41%	-1.4 42%	-1.1 51%	+0.9 29%	-0.3 35%	-4.1 25%	+0.03 45%	+0.13 42%	-\$ 13	-\$ 19
351	+0.3 31%	+4.2 56%	+27 56%	+36 56%	+41 58%	+48 55%	-3 40%	-0.7 44%	+6.7 39%	+29 49%	+3.6 41%	-1.8 42%	-0.7 52%	+1.0 29%	-0.3 35%	- -	-0.08 46%	+0.34 43%	+\$ 12	+\$ 2
352	+1.0 36%	+4.9 56%	+27 58%	+33 58%	+46 60%	+57 57%	-2 40%	+0.5 44%	+7.0 37%	+26 49%	+4.0 39%	-0.7 41%	-0.5 52%	+0.8 27%	-0.4 33%	- -	+0.02 47%	+0.07 42%	+\$ 13	-\$ 3
353	+0.8 35%	+5.3 53%	+26 55%	+31 56%	+43 58%	+57 54%	-1 39%	-1.2 43%	+7.0 37%	+26 47%	+3.2 38%	-1.6 40%	-2.2 50%	+0.6 27%	-0.4 32%	- -	+0.04 46%	-0.10 41%	+\$ 5	-\$ 7
354	-0.6 31%	+4.4 50%	+30 52%	+42 53%	+58 55%	+81 52%	-1 35%	+0.5 40%	+9.6 33%	+36 44%	+3.2 35%	-0.3 37%	-1.1 48%	- -	-0.3 29%	- -	+0.05 43%	-0.33 38%	+\$ 26	\$ 0
355	+0.9 53%	+4.1 63%	+19 64%	+25 64%	+28 65%	+44 61%	-3 40%	-0.4 49%	+5.8 41%	+22 54%	+2.2 43%	-1.5 44%	-2.7 54%	+0.5 31%	-0.3 36%	+0.2 26%	+0.02 58%	-0.12 47%	-\$ 13	-\$ 10
356	+1.0 54%	+6.8 64%	+36 64%	+44 63%	+55 64%	+75 61%	-3 42%	-0.1 48%	+12.5 42%	+37 54%	+3.1 44%	-2.4 45%	-3.1 55%	+1.2 31%	-0.3 37%	-2.7 27%	-0.07 59%	-0.38 48%	+\$ 9	-\$ 26
357	+0.9 56%	+6.3 66%	+33 66%	+42 65%	+55 66%	+73 63%	-3 44%	0.0 50%	+13.4 44%	+34 56%	+3.3 46%	-2.0 47%	-2.5 57%	+1.0 33%	-0.2 39%	-1.9 28%	-0.09 61%	-0.19 50%	+\$ 9	-\$ 22
358	+1.1 52%	+5.9 62%	+31 65%	+46 66%	+54 67%	+80 64%	0 50%	+0.3 56%	+10.6 51%	+33 58%	+4.5 49%	-1.7 49%	-1.2 60%	+1.1 37%	-0.3 42%	-1.6 36%	-0.07 58%	+0.21 51%	+\$ 14	-\$ 16
359	+0.2 52%	+5.2 61%	+30 65%	+42 65%	+50 67%	+75 63%	0 50%	-0.2 55%	+7.6 51%	+31 57%	+4.3 48%	-1.7 48%	-1.7 59%	+0.9 36%	-0.4 41%	-2.7 35%	-0.12 58%	+0.32 50%	+\$ 15	-\$ 5
360	+0.7 54%	+6.6 64%	+35 65%	+48 65%	+56 66%	+81 62%	0 44%	+0.4 49%	+6.9 43%	+36 56%	+3.4 46%	-2.5 47%	-3.4 58%	+1.1 33%	-0.2 39%	-5.0 27%	0.00 59%	-0.20 49%	+\$ 21	-\$ 11
361	+1.0 55%	+4.4 65%	+26 66%	+31 64%	+38 66%	+39 62%	-3 43%	+0.1 49%	+8.8 43%	+25 56%	+3.0 45%	-1.4 46%	-1.6 56%	+0.7 32%	-0.1 38%	-1.6 28%	-0.08 60%	-0.03 49%	-\$ 2	-\$ 9
362	+1.2 35%	+6.0 52%	+34 55%	+47 56%	+64 58%	+82 55%	-1 41%	+0.7 46%	+4.6 39%	+38 48%	+1.7 39%	-1.3 40%	-0.9 50%	+0.8 28%	-0.5 33%	-1.1 25%	+0.15 45%	-0.05 41%	+\$ 42	+\$ 9
363	+1.4 54%	+4.7 64%	+29 64%	+36 63%	+43 64%	+57 61%	-4 42%	+0.5 48%	+0.6 41%	+28 54%	+4.3 43%	-1.6 44%	-2.1 55%	+1.1 31%	-0.2 37%	-3.2 27%	-0.13 59%	0.00 48%	+\$ 29	+\$ 16

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
364	+0.8 55%	+7.0 65%	+35 66%	+49 66%	+60 67%	+88 63%	-2 45%	0.0 50%	+10.5 44%	+36 56%	+3.9 47%	-2.7 48%	-4.3 59%	+1.2 34%	-0.3 40%	-4.8 28%	+0.04 60%	-0.27 50%	+\$ 21	-\$ 17
365	+0.6 49%	+4.8 61%	+25 62%	+33 62%	+38 64%	+54 59%	+1 39%	+0.1 45%	+4.1 37%	+24 52%	+3.4 41%	-1.9 42%	-2.6 55%	+0.9 28%	0.0 33%	- -	-0.10 56%	-0.11 45%	+\$ 6	-\$ 2
366	+0.9 53%	+5.0 63%	+28 63%	+37 62%	+45 63%	+61 60%	-3 41%	-0.3 46%	+6.0 40%	+27 53%	+3.9 42%	-1.6 43%	-1.9 53%	+1.0 30%	-0.2 36%	-0.9 26%	-0.05 58%	0.00 46%	+\$ 16	\$ 0
367	+0.6 32%	+3.3 53%	+18 56%	+20 57%	+30 59%	+41 56%	-4 41%	+0.3 45%	+2.9 35%	+17 48%	+4.3 39%	-0.7 40%	-0.5 51%	+1.0 26%	-0.1 31%	- -	+0.08 44%	-0.27 40%	+\$ 8	+\$ 11
368	0.0 33%	+5.1 54%	+26 58%	+26 59%	+41 61%	+58 57%	0 42%	+0.4 46%	+9.1 37%	+24 49%	+4.6 40%	-0.5 41%	-1.0 52%	+0.8 27%	-0.2 32%	- -	+0.08 45%	-0.45 41%	-\$ 2	-\$ 15
370	+0.8 25%	+4.0 40%	+22 42%	+26 42%	+37 44%	+47 42%	-2 31%	-1.0 34%	+5.3 30%	+22 37%	+2.5 32%	-1.0 32%	-1.5 40%	- -	-0.3 27%	- -	-0.03 35%	+0.14 33%	+\$ 3	-\$ 1
376	0.0 43%	+4.7 59%	+28 62%	+36 63%	+44 63%	+56 60%	-1 51%	+0.8 50%	+1.1 46%	+29 55%	+2.6 47%	-1.5 47%	-1.7 55%	+0.9 36%	-0.4 41%	-3.4 32%	0.00 50%	+0.15 48%	+\$ 24	+\$ 13
377	0.0 43%	+4.7 59%	+28 62%	+36 63%	+44 63%	+56 60%	-1 51%	+0.8 50%	+1.1 46%	+29 55%	+2.6 47%	-1.5 47%	-1.7 55%	+0.9 36%	-0.4 41%	-3.4 32%	0.00 50%	+0.15 48%	+\$ 24	+\$ 13
378	+0.8 53%	+5.5 65%	+28 67%	+40 68%	+51 69%	+74 67%	-3 59%	-0.2 60%	+5.5 57%	+32 62%	+2.6 57%	-2.4 56%	-3.0 64%	+0.7 46%	-0.4 51%	-4.0 39%	0.00 60%	+0.19 57%	+\$ 20	-\$ 3
379	+0.6 52%	+3.5 64%	+25 66%	+39 67%	+44 68%	+57 66%	-1 58%	+0.4 59%	-0.2 56%	+25 61%	+3.1 56%	-1.5 55%	-1.2 62%	+0.5 45%	-0.2 50%	-2.1 38%	-0.04 58%	+0.34 56%	+\$ 26	+\$ 19
380	+0.1 57%	+4.5 69%	+30 71%	+40 71%	+51 73%	+62 70%	-3 62%	+0.8 63%	+3.3 60%	+34 66%	+0.8 61%	-1.0 60%	-1.0 68%	+0.5 48%	-0.4 55%	-2.6 42%	+0.01 64%	+0.36 61%	+\$ 27	+\$ 9
381	+0.5 37%	+2.8 55%	+17 59%	+17 60%	+22 61%	+20 58%	-3 44%	-0.1 48%	+1.1 40%	+14 51%	+4.0 42%	-0.6 43%	-0.4 53%	+0.7 31%	-0.2 36%	+0.9 27%	-0.08 48%	+0.19 44%	-\$ 3	+\$ 10
382	+1.0 35%	+3.5 57%	+22 62%	+29 62%	+37 63%	+46 60%	-3 46%	-0.2 49%	+6.4 43%	+23 53%	+2.7 45%	-0.5 45%	+0.4 55%	+0.6 32%	-0.3 37%	-0.8 29%	0.00 49%	+0.30 46%	+\$ 3	-\$ 3
383	+1.2 44%	+6.0 61%	+35 63%	+45 64%	+59 65%	+71 62%	-1 52%	-0.7 52%	+6.6 47%	+36 56%	+3.8 49%	-1.6 49%	-2.3 58%	+1.0 38%	-0.6 43%	-1.8 32%	-0.01 52%	+0.16 50%	+\$ 31	+\$ 2
384	+0.9 32%	+1.7 56%	+8 61%	+1 61%	+1 62%	+2 59%	-3 45%	-1.2 48%	+6.5 42%	+6 52%	+2.2 43%	+0.1 44%	+0.9 53%	+0.1 32%	-0.2 37%	+0.4 26%	-0.08 47%	+0.28 44%	-\$ 54	-\$ 24
385	- -	+4.2 37%	+26 40%	+34 41%	+45 42%	+54 40%	-1 30%	+0.1 33%	+3.5 28%	+27 35%	+4.0 29%	-1.2 30%	-1.4 38%	- -	- -	- -	+0.01 32%	+0.01 30%	+\$ 22	+\$ 12
386	+0.4 27%	+4.7 43%	+27 46%	+33 46%	+43 47%	+54 45%	-1 35%	-0.2 37%	+9.4 33%	+26 40%	+3.6 34%	-1.4 34%	-1.6 43%	+0.8 25%	-0.3 29%	- -	0.00 37%	-0.01 35%	+\$ 1	-\$ 13
388	-0.1 26%	+3.7 60%	+20 70%	+23 66%	+31 75%	+36 66%	-1 51%	-1.6 46%	+12.3 39%	+21 57%	+4.0 42%	-1.0 43%	+0.3 52%	+0.6 32%	-0.4 35%	- -	-0.01 46%	+0.35 43%	-\$ 23	-\$ 25
389	-0.1 28%	+6.7 59%	+32 66%	+38 64%	+59 67%	+74 62%	-3 46%	-0.3 46%	+12.3 39%	+34 54%	+3.7 42%	-1.6 43%	-2.6 53%	+1.1 31%	-0.4 35%	- -	+0.02 46%	-0.05 43%	+\$ 17	-\$ 20
390	-0.5 27%	+3.2 61%	+20 68%	+30 66%	+35 68%	+41 63%	-4 53%	-0.7 47%	+7.4 40%	+22 57%	+2.3 44%	-0.9 44%	-0.9 54%	+0.4 33%	-0.3 37%	- -	+0.13 47%	-0.01 45%	-\$ 3	-\$ 4
394	+1.7 53%	+7.7 64%	+34 65%	+43 65%	+56 66%	+88 62%	0 43%	-0.9 48%	+12.4 41%	+36 55%	+4.4 45%	-2.4 46%	-3.7 58%	+1.0 31%	-0.4 37%	-5.3 25%	+0.02 58%	-0.36 48%	+\$ 2	-\$ 37
395	+0.9 36%	+5.5 59%	+25 63%	+33 64%	+41 65%	+63 62%	-4 51%	-0.2 52%	+1.7 45%	+29 55%	+2.4 46%	-1.4 47%	-1.5 56%	+0.8 36%	-0.3 40%	-3.4 29%	-0.05 50%	+0.01 47%	+\$ 17	+\$ 2
396	+0.8 36%	+5.8 59%	+26 63%	+34 64%	+43 64%	+67 61%	-4 51%	-0.8 51%	+6.2 44%	+28 55%	+3.0 46%	-1.4 46%	-2.1 56%	+0.6 35%	-0.3 40%	-2.7 28%	-0.08 50%	+0.01 47%	+\$ 6	-\$ 11
397	+1.0 50%	+4.3 64%	+22 67%	+26 66%	+29 73%	+45 65%	-1 47%	-0.5 51%	+8.6 42%	+23 57%	+2.4 44%	-1.3 45%	-1.7 55%	+0.8 33%	-0.4 38%	-1.4 26%	0.00 57%	-0.01 48%	-\$ 18	-\$ 17
398	+1.8 39%	+5.1 53%	+26 56%	+29 56%	+45 59%	+57 55%	-4 45%	+0.3 49%	+12.1 42%	+27 51%	+2.1 44%	-1.4 45%	-1.7 52%	+0.7 32%	-0.4 40%	- -	-0.02 48%	+0.06 46%	-\$ 2	-\$ 20
399	+0.2 32%	+5.3 45%	+26 47%	+35 47%	+48 49%	+66 46%	-3 36%	-0.8 36%	+9.0 35%	+31 42%	+3.3 36%	-1.9 37%	-2.1 44%	+0.8 25%	-0.5 31%	- -	-0.08 40%	+0.23 37%	+\$ 11	-\$ 8
400	+1.4 36%	+4.9 61%	+28 67%	+36 65%	+54 68%	+57 63%	+1 51%	-0.2 48%	+7.9 45%	+32 57%	+1.1 48%	-0.5 48%	-0.9 57%	+0.2 35%	-0.4 42%	-0.3 25%	-0.03 52%	+0.39 49%	+\$ 15	-\$ 5
402	+1.6 50%	+3.3 65%	+14 68%	+10 67%	+6 74%	+12 66%	-2 49%	-0.9 51%	+8.6 43%	+11 58%	+1.4 45%	-1.0 46%	-1.5 55%	+0.4 33%	-0.2 39%	+2.2 27%	0.00 57%	-0.12 49%	-\$ 54	-\$ 31
403	+1.4 27%	+5.4 45%	+24 51%	+27 50%	+37 50%	+54 47%	-2 35%	-0.8 35%	+8.9 31%	+26 42%	+2.8 33%	-1.6 34%	-2.2 41%	+0.7 25%	-0.5 28%	- -	-0.05 36%	+0.10 34%	-\$ 8	-\$ 17
404	+1.1 51%	+6.2 64%	+31 65%	+39 66%	+53 67%	+70 63%	0 45%	-0.2 49%	+10.2 40%	+30 56%	+5.2 44%	-2.0 45%	-2.9 57%	+0.8 32%	-0.4 37%	-1.4 26%	+0.03 57%	-0.10 47%	+\$ 10	-\$ 15
405	+0.9 50%	+4.9 63%	+23 64%	+34 64%	+43 66%	+60 62%	-2 42%	+0.2 46%	+5.4 39%	+27 54%	+3.8 43%	-1.9 44%	-3.4 56%	+0.8 30%	-0.3 36%	- -	+0.06 57%	-0.07 46%	+\$ 11	-\$ 1

Lot	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcass Wt (kg)	Eye Muscle Area (sq.cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Percent Normal Sperm (%)	Flight Time (secs)	Shear Force (kgs)	Central Production Index (\$)	Live Export Index (\$)
406	+1.8 36%	+3.0 55%	+17 59%	+18 61%	+20 61%	+23 58%	-1 40%	-0.7 46%	+5.3 38%	+17 50%	+1.7 41%	-0.9 42%	-0.6 52%	+0.6 29%	-0.4 34%	- -	-0.02 45%	+0.19 42%	-\$ 21	-\$ 8
407	+1.2 35%	+5.8 52%	+34 63%	+48 69%	+56 60%	+72 56%	0 34%	+0.6 35%	+5.8 31%	+37 49%	+2.6 34%	-1.9 34%	-2.6 41%	+1.2 26%	-0.5 28%	- -	-0.04 36%	+0.06 34%	+\$ 29	+\$ 2
408	+0.8 26%	+4.4 45%	+26 50%	+31 51%	+41 49%	+53 47%	-2 40%	-0.1 36%	+6.3 31%	+25 43%	+3.2 33%	-1.1 33%	-1.1 39%	+0.6 27%	-0.3 29%	- -	-0.04 35%	+0.10 34%	+\$ 7	-\$ 2
409	+1.1 41%	+4.2 53%	+27 64%	+28 70%	+43 62%	+53 58%	-2 36%	-0.4 48%	+9.1 34%	+24 52%	+4.0 35%	-1.2 36%	-1.8 43%	+0.8 28%	-0.3 30%	- -	-0.01 43%	-0.13 37%	+\$ 5	-\$ 6
410	-0.6 43%	+2.5 52%	+17 64%	+16 70%	+24 62%	+25 58%	-2 37%	+0.1 43%	+3.2 35%	+17 51%	+2.3 36%	-0.7 35%	-0.8 44%	+0.6 27%	-0.1 29%	+1.9 29%	-0.13 43%	+0.03 36%	-\$ 8	+\$ 2
411	+0.5 29%	+3.8 53%	+17 63%	+18 61%	+29 58%	+45 55%	-4 40%	-1.0 40%	+10.1 33%	+17 49%	+3.6 36%	-0.9 37%	-0.8 46%	+0.6 28%	-0.4 30%	- -	+0.02 39%	+0.02 37%	-\$ 19	-\$ 20
412	+0.9 35%	+5.7 58%	+30 63%	+35 63%	+44 65%	+63 60%	-1 48%	+0.2 57%	+8.1 50%	+30 54%	+5.6 44%	-2.1 44%	-1.7 53%	+1.4 32%	-0.5 38%	- -	-0.06 48%	+0.09 45%	+\$ 9	-\$ 11
413	+0.4 32%	+5.2 56%	+27 62%	+29 61%	+43 63%	+51 59%	+1 47%	-0.8 54%	+11.0 48%	+26 52%	+4.3 42%	-1.8 42%	-1.2 51%	+1.0 31%	-0.5 36%	- -	-0.08 46%	+0.24 43%	-\$ 2	-\$ 17
414	+0.2 39%	+3.1 41%	+20 44%	+24 45%	+32 46%	+41 43%	-1 28%	+0.9 34%	+3.4 27%	+19 37%	+3.2 28%	-0.5 29%	-0.5 37%	- -	- -	- -	0.00 33%	-0.13 30%	+\$ 4	+\$ 6
415	+0.4 35%	+3.2 41%	+21 44%	+26 44%	+35 45%	+42 42%	-1 28%	+0.9 33%	+3.9 27%	+21 36%	+2.9 28%	-0.4 29%	-0.3 37%	- -	- -	- -	0.00 33%	-0.11 29%	+\$ 7	+\$ 7
416	+0.4 30%	+2.9 53%	+19 59%	+22 61%	+30 63%	+24 59%	0 41%	-0.8 49%	+2.1 44%	+20 50%	+0.6 42%	+0.1 42%	+0.7 55%	+0.1 29%	-0.2 35%	-0.8 27%	-0.06 53%	+0.35 43%	-\$ 2	+\$ 7
417	+0.7 41%	+4.1 59%	+21 65%	+23 66%	+38 69%	+43 65%	-2 47%	+0.2 60%	-2.4 48%	+26 56%	+0.4 49%	-1.1 49%	-1.5 60%	+0.2 36%	-0.1 42%	-1.7 37%	-0.08 60%	+0.10 51%	+\$ 22	+\$ 22
419	+0.8 52%	+4.6 62%	+21 63%	+30 63%	+35 64%	+52 60%	-3 40%	0.0 48%	+7.4 40%	+26 54%	+2.7 42%	-1.8 43%	-2.5 53%	+0.7 30%	-0.3 35%	-1.4 26%	-0.04 57%	+0.07 47%	-\$ 6	-\$ 13
424	+1.2 35%	+5.5 53%	+25 57%	+29 58%	+35 59%	+52 55%	-2 38%	+0.7 43%	-0.6 36%	+24 48%	+1.3 38%	-1.4 39%	-2.7 49%	+0.9 26%	-0.3 31%	- -	-0.03 43%	-0.05 40%	+\$ 12	+\$ 5
425	-0.4 35%	+5.1 49%	+26 53%	+29 54%	+43 56%	+63 53%	-2 36%	-0.1 43%	+3.3 35%	+28 45%	+2.8 37%	-1.7 38%	-2.5 48%	+0.7 25%	-0.2 30%	- -	-0.11 43%	-0.14 38%	+\$ 16	+\$ 4
426	+0.4 52%	+3.6 65%	+18 66%	+19 66%	+21 67%	+22 63%	+1 46%	-0.5 53%	+3.9 45%	+24 57%	-0.9 47%	-0.7 48%	-0.9 57%	0.0 36%	-0.4 41%	-1.8 30%	-0.07 59%	+0.13 51%	-\$ 27	-\$ 14
429	0.0 34%	+4.0 54%	+22 57%	+28 58%	+39 60%	+48 57%	-3 41%	-0.1 44%	+3.2 38%	+23 50%	+4.9 44%	-0.6 44%	-0.4 53%	+0.8 29%	-0.3 37%	- -	-0.06 47%	+0.34 45%	+\$ 17	+\$ 11
430	+0.7 53%	+4.1 62%	+25 66%	+40 66%	+39 68%	+52 64%	0 51%	+0.8 56%	+4.4 52%	+26 58%	+3.5 49%	-1.4 49%	-1.1 60%	+0.9 37%	-0.1 42%	-0.1 36%	-0.13 59%	+0.35 51%	+\$ 10	+\$ 4
431	+1.5 51%	+5.8 62%	+28 63%	+38 64%	+50 65%	+68 61%	0 41%	-0.3 47%	+4.6 40%	+30 53%	+3.3 42%	-2.0 44%	-3.1 55%	+0.5 31%	-0.4 35%	-4.2 25%	+0.04 57%	-0.14 46%	+\$ 16	-\$ 3
432	+1.6 39%	+3.9 57%	+22 61%	+33 62%	+38 62%	+56 59%	-5 41%	-0.7 46%	+3.1 39%	+24 52%	+4.4 41%	-1.9 42%	-1.9 53%	+0.9 29%	-0.3 34%	-2.1 25%	-0.10 49%	+0.27 43%	+\$ 16	+\$ 10
433	+0.3 36%	+4.6 54%	+27 57%	+36 58%	+52 60%	+74 57%	-4 41%	-0.1 45%	+7.6 42%	+31 50%	+4.8 44%	-2.1 44%	-2.6 54%	+1.2 29%	-0.4 36%	- -	-0.14 48%	+0.25 45%	+\$ 26	+\$ 3
434	+1.2 44%	+5.0 65%	+23 68%	+28 68%	+44 71%	+55 67%	-4 54%	-1.9 53%	+7.8 51%	+27 61%	+2.2 54%	-1.5 53%	-2.0 63%	+0.6 37%	-0.6 46%	-2.5 27%	-0.09 57%	+0.48 55%	+\$ 7	-\$ 6
435	+1.1 36%	+6.0 61%	+28 64%	+34 65%	+52 66%	+59 63%	-3 54%	-1.5 55%	+15.4 45%	+33 57%	+2.5 49%	-1.8 49%	-2.0 59%	+0.8 38%	-0.6 43%	-4.6 28%	+0.10 51%	-0.02 49%	-\$ 1	-\$ 28