

Waroona Murray Greys Production Sale

Friday 21st August, 2020 - Commencing at 12pm

Waroona 550 Packham Drive MOLONG NSW 2866

13 Stud Bulls 12 Stud Females 20 PTIC Commercial Heifers



Waroona Murray Greys Production Sale

Friday 21st August, 2020 - Commencing at 12pm

Waroona 550 Packham Drive MOLONG NSW 2866



Waroona Murray Grey Stud Graham Hobbs

M: 0429 076 617

E: g.khobbs@bigpond.com



AGENT

Kevin Miller, Whitty, Lennon & Co.

106 Lachlan Street Forbes NSW 2871 Ph: 02 6852 3355

http://www.kmiller.com.au/ Luke Whitty - M: 0427 524 442

Cattle available for inspection 10am on sale day or prior by arrangement with vendor.

Light refreshments and lunch provided.

Numerous accommodation options in Molong and Orange.

The buyer friendly **Helmsman system** is being used where bids are placed over time and all lots knocked down together (see details under Sale). Enables us to talk to everyone and enjoy the day also.

WAROONA LARRY P46 (PB)

Born: 18/10/2018 Colour: Silver Tattoo: ASH P46 Sex: M

> GNOLEDA ZAC (PB) NAWARRA BANANA BENDER (PB) SPRINGWELL BANANA T43 (PB)

Sire: WOODBOURN LARRY L9 (PB)

THE GLEN HONESTY W67 (PB) WOODBOURN MISS CARRIE Z85 (PB) WOODBOURN CARRIE X2 (PB)

SHELLGARDI MISTER CHARMER (PB) (AI) SHELLGARDI MISTER REALITY (PB) (AI)

WOODBOURN RADIANT R55 (PB)

Dam: WAROONA CLARETTE H4 (PB)

GLENCAIRN HERCULES R31 (PB) WAROONA CLARETTE A4 (PB) WAROONA CLARETTE 4TH (PB)

| JURRAY ON | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|-----------|------|-------------|----|-----|-----|-----|------|-------|--------|------|------|-----|-----|-----|------|-----|-----|
| Sans S | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | -2.0 | | | | | | | +57 | | | | | | | -1.1 | | |
| Acc | 36% | | | 76% | 68% | 62% | 62% | 51% | 42% | | | 50% | 37% | 47% | 47% | 43% | 39% |

Notes: This bull has thickness and good depth of body, good figures with good eye appeal. He is the youngest bull of the day.

\$ Index Values Vealer Super Heavy Terminal Market +\$35 +\$32 +\$49

Vealer

Terminal

Super

Market

Heavy

Steer

Purchaser:

WAROONA LARRY P41 (PB)

Notes: This young bull has shape and thickness. Moves very freely.

Born: 07/10/2018 Colour: Silver Tattoo: ASH P41 Sex: M

> GNOLEDA ZAC (PB) NAWARRA BANANA BENDER (PB) SPRINGWELL BANANA T43 (PB)

Sire: WOODBOURN LARRY L9 (PB)

THE GLEN HONESTY W67 (PB) WOODBOURN MISS CARRIE Z85 (PB) WOODBOURN CARRIE X2 (PB)

KELSO CRACKER C17 (PB) WOODBOURN FRANCE F48 (PB) WOODBOURN PEPPER A9 (PB)

Dam: WAROONA PEARL K48 (PB)

WAROONA VERBAL (PB) WAROONA PEARL C11 (PB) WAROONA PEARL 3RD (PB)

| NERAY ON | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|------------|-----------------|-------------|----|----|-----|-----|------|----------------|--------|------|------|-----|-----|-----|-----------------|-----|-----|
| (Care | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV Acc | -0.1 35% | | | | | | | +51 58% | _ | | | | | | -0.2 54% | | |

\$ Index Values

+\$44 +\$38 +\$54

LOT 3 WAROONA FRANCE P35 (PB)

Born: 26/09/2018 Colour: Silver Tattoo: ASH P35 Sex: M

KELSO CRACKER C17 (PB)

KELSO YOGO Y13 (PB) (AI)
LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

WOODBOURN PEPPER A9 (PB)

JYNDARRA WARRIOR W3 (PB) (AI)
WOODBOURN MISS PEPPER X38 (PB)

MONTEREY SUNDOWNER (PB)

MONTEREY SUNDOWNER Z26 (PB)

MONTEREY MISS ANNABELLE W71 (PB)

Dam: WAROONA TAREE F15 (PB)

WAROONA TAREE 14TH (PB)

WAROONA NAVIGATOR (PB)
WAROONA TAREE 7TH (PB)

| AURRAY ON | | | | | | May | 2020 | Murr | ay Gre | y BR | EEDP | LAN | | | | | |
|-----------|------|-------------|------|------|-------|-----|------|------|--------|------|------|-----|-----|-----|-----------------|-----|------|
| (and | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | -1.3 | | | +4.6 | | | | | | | | | | | -1.2 | | |
| Acc | 43% | | | 78% | | | | | | | | | | | -1.2 59% | | |
| ACC | 43% | | 3270 | 10% | 1 170 | 00% | 1270 | 03% | 32% | | | 01% | 30% | 39% | 39% | 33% | 7370 |

Notes: A smooth soft bull with a good head that moves very well.

Vealer Super Terminal Market Steer
+\$35 +\$24 +\$46

Purchaser: \$_____

LOT 4 WAROONA LARRY P26 (PB)

Born: 05/09/2018 Colour: Silver Tattoo: ASH P26 Sex: M

NAWARRA BANANA BENDER (PB)

GNOLEDA ZAC (PB)
SPRINGWELL BANANA T43 (PB)

Sire: WOODBOURN LARRY L9 (PB)

WOODBOURN MISS CARRIE Z85 (PB)

THE GLEN HONESTY W67 (PB) WOODBOURN CARRIE X2 (PB)

WOODBOURN FRANCE F48 (PB)

KELSO CRACKER C17 (PB)
WOODBOURN PEPPER A9 (PB)

Dam: WAROONA ALICE K68 (PB)

WAROONA ALICE D11 (PB)

SHELLGARDI MISTER REALITY (PB) (AI)
WAROONA ALICE Y22 (PB)

| SURRAY CAP | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|------------|------|-------------|----|------|-----|-----|------|-------|--------|------|------|-----|------|------|------|------|------|
| (ans | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | | | | | | | | | | | | | | | | | |
| FRA | -1.6 | | | +4.6 | +30 | +46 | +/0 | +73 | +6 | | | +43 | +1.7 | -0.4 | -0.5 | +1.1 | +0.0 |
| Acc | 35% | | | 76% | 68% | 64% | 69% | 57% | 40% | | | 56% | 46% | 54% | 54% | 50% | 42% |

Notes: A very well structed bull with depth, length and softness and good figures. He has a very good outlook.

| \$ In | dex Value | es |
|--------------------|-----------------|----------------------|
| Vealer Terminal | Super Market | EU Heavy Steer |
| +\$44 | +\$41 | +\$63 |
| | | |

WAROONA LARRY P24 (PB)

Born: 04/09/2018 Colour: Silver Tattoo: ASH P24 Sex: M

> GNOLEDA ZAC (PB) NAWARRA BANANA BENDER (PB)

SPRINGWELL BANANA T43 (PB)

Sire: WOODBOURN LARRY L9 (PB)

THE GLEN HONESTY W67 (PB) WOODBOURN MISS CARRIE Z85 (PB) WOODBOURN CARRIE X2 (PB)

MONTEREY SUNDOWNER (PB) MONTEREY SUNDOWNER Z26 (PB) MONTEREY MISS ANNABELLE W71 (PB)

Dam: WAROONA NORMA D59 (PB)

GLENCAIRN HERCULES R31 (PB) WAROONA NORMA Z59 (PB) WAROONA NORMA 1ST (PB)

May 2020 Murray Grey BREEDPLAN CED BW 200 400 600 MCW MILK SS DTC CWT EMA RIB RUMP RBY IMF -2.2 +4.3 +26 +40 +63 +67 +38 +2.2 -1.1 -1.5 +2.0 -0.5 Acc 37% 69% 65% 70% 60% 46% 47% 55% 55% 51% 44%

Notes: A long bull with smooth shoulders and moves freely.

\$ Index Values EU Vealer Super Heavy **Terminal** Market Steer +\$39 +\$32 +\$56

Super

Market

Terminal

Heavy

Purchaser:

WAROONA FRANCE P21

Tattoo: ASH P21 Born: 02/09/2018 Colour: Silver Sex: M

> KELSO YOGO Y13 (PB) (AI) KELSO CRACKER C17 (PB) LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

JYNDARRA WARRIOR W3 (PB) (AI) WOODBOURN PEPPER A9 (PB) WOODBOURN MISS PEPPER X38 (PB)

WILLALOOKA XEROX X64 (PB) (AI) MONTEREY BLITZEM (PB) MONTEREY JOYCE Y129 (PB) (AI)

Dam: WAROONA TAREE G8 (PB)

WAROONA TODD (PB) WAROONA TAREE X19 (PB) WAROONA TAREE (PB)

| JURSAY ORFO | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|-------------|-----|-------------|----|------|-----|-----|------|-------|--------|------|------|-----|-----|-----|------|-----|-----|
| | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV | | | | +3.7 | | | | | | | | | | | +0.8 | | |
| | 12% | | | 78% | | | | | - | | | | | | 50% | | |

\$ Index Values EU

Notes: A lovely smooth bull with great thickness combined with good figures. Steer +\$34 +\$54 +\$41

WAROONA LARRY P18 (PB)

Born: 30/08/2018 Colour: Silver Tattoo: ASH P18 Sex: M

> GNOLEDA ZAC (PB) NAWARRA BANANA BENDER (PB) SPRINGWELL BANANA T43 (PB)

Sire: WOODBOURN LARRY L9 (PB)

THE GLEN HONESTY W67 (PB) WOODBOURN MISS CARRIE Z85 (PB) WOODBOURN CARRIE X2 (PB)

WILLALOOKA XEROX X64 (PB) (AI) MONTEREY BLITZEM (PB) MONTEREY JOYCE Y129 (PB) (AI)

Dam: WAROONA TAREE J18 (PB)

MONTEREY SUNDOWNER Z26 (PB) WAROONA TAREE C39 (PB) WAROONA TAREE X19 (PB)

| IRRAY ON | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|----------|-----|-----|----|----|-----|-----|------|-------|--------|------|------|-----|-----|-----|------|-----|-----|
| Ens. | CED | CED | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV | | | | | | | | +72 | | | | | | | -0.7 | | |
| | 25% | | | | | | | 57% | | | | | | | 56% | | |

Notes: Another Woodbourn Larry son that is long and has plenty of height will grow into a big bull.

\$ Index Values EU Super Vealer Heavy **Terminal** Market Steer +\$61 +\$43 +\$38

Purchaser:

WAROONA FRANCE P16 (PB

Born: 25/08/2018 Colour: Silver Tattoo: ASH P16 Sex: M

> KELSO YOGO Y13 (PB) (AI) KELSO CRACKER C17 (PB) LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

JYNDARRA WARRIOR W3 (PB) (AI) WOODBOURN PEPPER A9 (PB) WOODBOURN MISS PEPPER X38 (PB)

MONTEREY TALENT SCOUT A316 (PB) (ET) WOODBOURN FLOYD F42 (PB)

WOODBOURN MISS HAMPERS PRIDE (PB)

Dam: SABER MIMOSA J28 (PB)

MONTEREY UNIT HOLDER Z2 (PB) (ET) SABER MIMOSA F22 (PB)

SABER MIMOSA W85 (PB)

| JURRAY OR | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|-----------|------|-------------|----|------|-----|-----|------|-------|--------|------|------|-----|------|------|------|------|------|
| ans. | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV | -1.0 | | | +4.6 | | | | | | | | +34 | +0.6 | -0.5 | -0.6 | +0.8 | -0 3 |
| Acc | 41% | | | 78% | | | | | _ | | | | | | 54% | | |

\$ Index Values EU Super Vealer Notes: A very good bull, he is long, smooth with softness. He has great Milk figures. Heavy **Terminal** Market He has a good outlook. Steer

+\$37 +\$52 +\$42 Purchaser:

WAROONA LARRY P13 (PB)

Born: 23/08/2018 Colour: Silver Tattoo: ASH P13 Sex: M

> GNOLEDA ZAC (PB) NAWARRA BANANA BENDER (PB) SPRINGWELL BANANA T43 (PB)

Sire: WOODBOURN LARRY L9 (PB)

THE GLEN HONESTY W67 (PB) WOODBOURN MISS CARRIE Z85 (PB) WOODBOURN CARRIE X2 (PB)

MONTEREY SUNDOWNER (PB) MONTEREY SUNDOWNER Z26 (PB) MONTEREY MISS ANNABELLE W71 (PB)

Dam: WAROONA PANSY D14 (PB)

WAROONA PRIME+94 (PB) WAROONA PANSY 12TH (PB) WAROONA PANSY 9TH (PB)

| SURRAY OFF | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|------------|------|------|----|------|-----|-----|------|-------|--------|------|------|-----|------|------|------|------|------|
| ERS. | CED | CED | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | | DIKO | | | | | | | | | | | | | | | |
| EBV | -2.4 | | | +4.1 | +27 | +40 | +60 | +69 | +0 | | | +36 | +0.7 | -1.5 | -2.1 | +1.8 | -0.9 |
| Acc | 36% | | | 77% | 69% | 65% | 70% | 60% | 44% | | | 56% | 46% | 54% | 54% | 50% | 42% |

Notes: A big upstanding long bull. He has lots of loose skin. I think he will grow into a big bull.

\$ Index Values EU Super Vealer Heavy **Terminal** Market Steer +\$36 +\$25 +\$46

Vealer

Terminal

Super

Market

Heavy

Steer

Purchaser:

WAROONA FRANCE P10 (PB

Born: 22/08/2018 Colour: Silver Tattoo: ASH P10 Sex: M

Notes: A good, middle of the road bull. He has plenty of thickness and moves freely.

KELSO YOGO Y13 (PB) (AI) KELSO CRACKER C17 (PB) LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

JYNDARRA WARRIOR W3 (PB) (AI) WOODBOURN PEPPER A9 (PB) WOODBOURN MISS PEPPER X38 (PB)

MONTEREY SUNDOWNER (PB) MONTEREY SUNDOWNER Z26 (PB) MONTEREY MISS ANNABELLE W71 (PB)

Dam: WAROONA TAREE C54 (PB)

GLENCAIRN HERCULES R31 (PB) WAROONA TAREE X56 (PB) WAROONA TAREE 7TH (PB)

| AURRAY ORFI | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|-------------|-----------------|-------------|----|-----------------|-----|-----|------|-------|--------|------|------|-----|-----|-----|-----------------|-----|-----|
| | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV Acc | -1.8 43% | | | +4.9 78% | | | | | | | | | | | -0.9 51% | | |

\$ Index Values EU

+\$32 +\$53 +\$37

LOT 11 WAROONA FRANCE P3 (PB)

Born: 14/08/2018 Colour: Silver Tattoo: ASH P3 Sex: M

> KELSO YOGO Y13 (PB) (AI) KELSO CRACKER C17 (PB) LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

JYNDARRA WARRIOR W3 (PB) (AI) WOODBOURN PEPPER A9 (PB) WOODBOURN MISS PEPPER X38 (PB)

WILLALOOKA XEROX X64 (PB) (AI) MONTEREY BLITZEM (PB) MONTEREY JOYCE Y129 (PB) (AI)

Dam: WAROONA OPERA STAR G6 (PB)

GLENCAIRN HERCULES R31 (PB) WAROONA OPERA STAR X3 (PB) WAROONA OPERA STAR 19TH (PB)

| BURNAY ONE. | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|-------------|--------------------|-------------|------|-----------------|-----|-----|------|-------|--------|------|------|-----|------|------|-----------------|------|------|
| 0 | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | -0.2 43% | | -0.6 | +3.9 78% | +22 | +34 | +56 | +56 | +6 | | | +30 | +1.7 | +0.3 | +0.5 58% | +0.5 | +0.0 |

Notes: This bull has very good thickness and high milk figures, a very good all round

Super Heavy **Terminal** Market Steer +\$57 +\$35 +\$35

Purchaser:

WAROONA FRANCE P2 (P

Colour: Silver Tattoo: ASH P2 Born: 12/08/2018 Sex: M

> KELSO YOGO Y13 (PB) (AI) KELSO CRACKER C17 (PB) LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

JYNDARRA WARRIOR W3 (PB) (AI) WOODBOURN PEPPER A9 (PB) WOODBOURN MISS PEPPER X38 (PB)

WILLALOOKA XEROX X64 (PB) (AI) MONTEREY BLITZEM (PB)

MONTEREY JOYCE Y129 (PB) (AI)

Dam: WAROONA CLARETTE E12 (PB)

WAROONA SPIRIT W6 (PB) WAROONA CLARETTE Y2 (PB) WAROONA CLARETTE 7TH (PB)

| SURRAY ONE | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|------------|------|-------------|------|------|-----|-----|------|-------|--------|------|------|-----|------|-------|--------|------|------|
| Ens. | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | | | | | | | | | | | | | | | | | |
| EBV | -1.0 | | -0.4 | +4.2 | +23 | +34 | +56 | +52 | +3 | | | +31 | +2.1 | +0.0 | +0.1 | +0.9 | -0.2 |
| Acc | 42% | | 51% | 78% | 71% | 68% | 72% | 61% | 50% | | | 60% | 48% | 56% | 56% | 52% | 45% |
| | | | | | | | | | | | | | | \$ In | dex Va | lues | |

FU Vealer Super Heavy Notes: Very well muscled bull would be ok to use on heifers or cows. **Terminal** Market Steer +\$34 +\$56 +\$36

Purchaser:

\$ Index Values

Vealer

EU

LOT 13 WAROONA LARRY P1 (PB)

Born: 10/06/2018 Colour: Silver Tattoo: ASH P1 Sex: M

NAWARRA BANANA BENDER (PB)

GNOLEDA ZAC (PB)
SPRINGWELL BANANA T43 (PB)

Sire: WOODBOURN LARRY L9 (PB)

WOODBOURN MISS CARRIE Z85 (PB)

THE GLEN HONESTY W67 (PB)
WOODBOURN CARRIE X2 (PB)

MONTEREY BLITZEM (PB)

WILLALOOKA XEROX X64 (PB) (AI)

MONTEREY JOYCE Y129 (PB) (AI)

Dam: WAROONA OPERA STAR H37 (PB)

WAROONA OPERA STAR X3 (PB)

GLENCAIRN HERCULES R31 (PB)
WAROONA OPERA STAR 19TH (PB)

| NIMERAY OFFI | | | | | | May | 2020 | Murray Gre | y BR | EEDPI | _AN | | | | | |
|--------------|------|------|----|------|-----|-----|------|------------|------|-------|-----|------|------|------|------|------|
| Sans Co | CED | CED | GL | BW | 200 | 400 | 600 | MCW MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | | Dino | | | | | | | | | | | | | | |
| EBV | -1.5 | | | +3.7 | +27 | +39 | +62 | +3 | | | | +2.8 | -0.7 | -0.9 | +1.9 | -0.3 |
| Acc | 35% | | | 61% | 56% | 54% | 54% | 42% | | | | 38% | 46% | 46% | 43% | 40% |

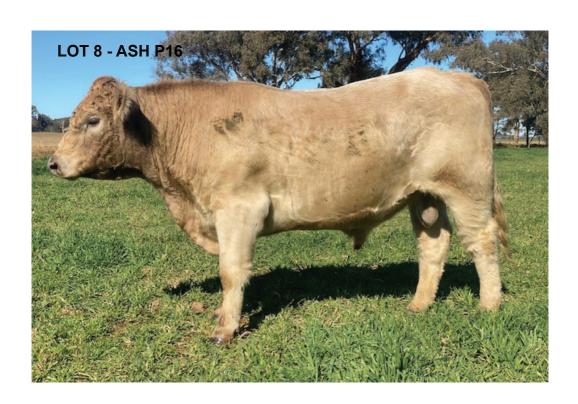
Notes: First son of Woodbourn Larry, A very smooth soft bull with a very good head and moves freely

Vealer Super Heavy Steer +\$44 +\$38 +\$61











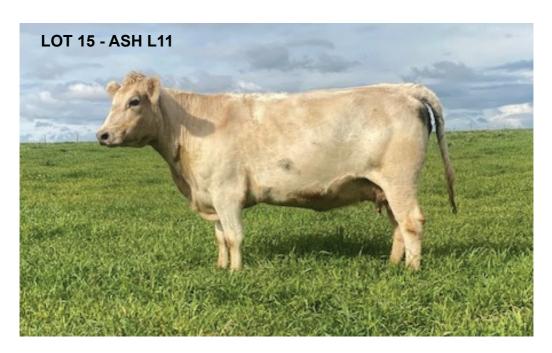




LOT 14 - CALF AT FOOT HEIFER WAROONA TAREE Q68 ASH Q68 DOB: 8/12/2019



LOT 15 - CALF AT FOOT BULL WAROONA QUENTIN Q47 ASH Q47 DOB: 28/09/2019







LOT 14 WAROONA TAREE M42 (PB)

Born: 19/08/2016 Colour: Silver Tattoo: ASH M42 Sex: F

KELSO CRACKER C17 (PB)

KELSO YOGO Y13 (PB) (AI)
LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

WOODBOURN PEPPER A9 (PB)

JYNDARRA WARRIOR W3 (PB) (AI)
WOODBOURN MISS PEPPER X38 (PB)

MONTEREY SUNDOWNER Z26 (PB)

MONTEREY SUNDOWNER (PB)
MONTEREY MISS ANNABELLE W71 (PB)

Dam: WAROONA TAREE E56 (PB)

WAROONA TAREE B27 (PB)

DEVANAH ZANZIBAR Z23 (PB) (AI)
WAROONA TAREE Y15 (PB)

| JURRAY ORF. | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|-------------|-----------------|-------------|------|------|-----|-----|------|----------------|--------|------|------|----------------|-----|-----|------|-----|-----|
| | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | ss | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV Acc | -1.1 43% | | -0.5 | +4.3 | +24 | +36 | +54 | +58 61% | +5 | | | +30 59% | | | | | |

Notes: Silver cow with good length and milking ability. Has a silver heifer calf at foot by Woodbourn Larry. Depastured with Woodbourn Larry.

| \$ In | dex Value | es |
|--------------------|-----------------|----------------------|
| Vealer Terminal | Super Market | EU Heavy Steer |
| +\$35 | +\$29 | +\$48 |
| | | |

LOT 15 WAROONA JOAN L11 (PB)

Born: 17/03/2015 Colour: Silver Tattoo: ASH L11 Sex: F

> KELSO YOGO Y13 (PB) (AI) KELSO CRACKER C17 (PB) LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

JYNDARRA WARRIOR W3 (PB) (AI) WOODBOURN PEPPER A9 (PB) WOODBOURN MISS PEPPER X38 (PB)

SHELLGARDI MISTER CHARMER (PB) (AI) SHELLGARDI MISTER REALITY (PB) (AI) WOODBOURN RADIANT R55 (PB)

Dam: WAROONA JOAN H40 (PB)

MONTEREY SUNDOWNER Z26 (PB) WAROONA JOAN D29 (PB)

WAROONA JOAN 1ST (PB)

| JERAY ON | | | | | | May | 2020 | Murr | ay Gre | y BR | EEDP | LAN | | | | | |
|----------|------|-------------|------|------|-----|-----|------|------|--------|------|------|-----|-----|-----|------|-----|-----|
| Ent. | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV | -1.9 | | +0.3 | +4.5 | +22 | +35 | +52 | +51 | +6 | | | +29 | | | | | |
| Acc | 43% | | 51% | 77% | 70% | 66% | 71% | 60% | 49% | | | 57% | | | | | |

Notes: Silver cow with smoothness, length and plenty of milk as is evident by her excellent grey bull calf at foot, ASH Q47 by Woodbourn Larry. Rejoined to Woodbourn Larry. PTIC.

\$ Index Values ΕU Vealer Super Heavy Terminal Market Steer +\$29 +\$27 +\$42

Purchaser:

.OT 16 WAROONA TAREE M43 (PB)

Tattoo: ASH M43 Born: 20/08/2016 Colour: Silver Sex: F

> KELSO YOGO Y13 (PB) (AI) KELSO CRACKER C17 (PB) LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

JYNDARRA WARRIOR W3 (PB) (AI) WOODBOURN PEPPER A9 (PB) WOODBOURN MISS PEPPER X38 (PB)

EU

Heavy

Steer

+\$53

WILLALOOKA XEROX X64 (PB) (AI) MONTEREY BLITZEM (PB)

MONTEREY JOYCE Y129 (PB) (AI)

Dam: WAROONA TAREE E25 (PB)

WAROONA VERBAL (PB) WAROONA TAREE Z1 (PB) WAROONA TAREE 12TH (PB)

| BURRAY OFF | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|--|-----------------|-------------|----|-----------------|-----|-----|------|-------|--------|------|------|----------------|-----|-----|------|-----|-----|
| British State of Stat | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV Acc | -0.2 43% | | | +3.6 79% | | | | | | | | +31 60% | | | | | |

\$ Index Values Vealer Super Notes: A very smooth appealing young cow with good length. Joined to Woodbourn Terminal Market Larry. PTIC. +\$37 +\$32

LOT 17 WAROONA ALICE L45 (PB)

Born: 26/07/2015 Colour: Silver Tattoo: ASH L45 Sex: F

KELSO CRACKER C17 (PB)

KELSO YOGO Y13 (PB) (AI)
LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

WOODBOURN PEPPER A9 (PB)

JYNDARRA WARRIOR W3 (PB) (AI)
WOODBOURN MISS PEPPER X38 (PB)

SHELLGARDI MISTER REALITY (PB) (AI)

SHELLGARDI MISTER CHARMER (PB) (AI)
WOODBOURN RADIANT R55 (PB)

Dam: WAROONA ALICE D11 (PB)

WAROONA ALICE Y22 (PB)

WAROONA VERBAL (PB)

WAROONA ALICE 10TH (PB)

| AURRAY CAP | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|-------------------|--------------------|-------------|------|------|-----|-----|------|----------------|--------|------|------|-----|------|------|-----------------|------|-----|
| | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV Acc | -1.8 44% | | +0.3 | +4.9 | +23 | +36 | +55 | +55 64% | +7 | | | +29 | +0.8 | +0.0 | +0.1 51% | +0.3 | |

Notes: A silver cow with length and good figures. Joined to Woodbourn Larry. PTIC.

\$ Index Values

Vealer Super EU
Heavy
Terminal Market Steer
+\$30 +\$31 +\$47

Purchaser: \$

LOT 18 WAROONA TAREE L41 (PB)

Born: 24/07/2015 Colour: Silver Tattoo: ASH L41 Sex: F

KELSO CRACKER C17 (PB)

KELSO YOGO Y13 (PB) (AI)
LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

WOODBOURN PEPPER A9 (PB)

JYNDARRA WARRIOR W3 (PB) (AI)
WOODBOURN MISS PEPPER X38 (PB)

GLENCAIRN HERCULES R31 (PB)

HIGHWOOD AMBASSADOR (PB) (AI)
GLENCAIRN MAGNOLIA 504 (PB)

Dam: WAROONA TAREE Z13 (PB)

WAROONA TAREE 5TH (PB)

HILLVIEW MARCUS (PB) (AI)
WAROONA TAREE (PB)

| ı | URRAY CA | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|---|----------|-----------------|-------------|------|-----------------|-----|-----|------|-------|--------|------|------|------------|-----|-----|------|-----|-----|
| | | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | | -2.7 45% | | -0.1 | +5.2 79% | +23 | +29 | +51 | +54 | +5 | | | +23 | | | | | |
| | | | | | | | | | | | | | | | | | | |

Notes: Another traditional type of Murray Grey showing good thickness and depth with good milking figures. Joined to Woodbourn Larry. PTIC.

| \$ In | dex Value | es |
|--------------------|-----------------|----------------------|
| Vealer Terminal | Super Market | EU Heavy Steer |
| +\$28 | +\$22 | +\$44 |

Purchaser:_____\$____

WAROONA TAREE L30 (PB)

Born: 14/07/2015 Colour: Silver Tattoo: ASH L30 Sex: F

> KELSO YOGO Y13 (PB) (AI) KELSO CRACKER C17 (PB) LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

JYNDARRA WARRIOR W3 (PB) (AI) WOODBOURN PEPPER A9 (PB) WOODBOURN MISS PEPPER X38 (PB)

SHELLGARDI MISTER CHARMER (PB) (AI) SHELLGARDI MISTER REALITY (PB) (AI) WOODBOURN RADIANT R55 (PB)

Dam: WAROONA TAREE E11 (PB)

WAROONA VERBAL (PB) WAROONA TAREE Y19 (PB) WAROONA TAREE 10TH (PB)

| JERRY CA. | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDP | LAN | | | | | |
|-----------|-----|-------------|------|------|-----|-----|------|-------|--------|------|------|-----|-----|-----|------|-----|-----|
| | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV | | | +0.0 | +3.5 | +19 | +32 | +48 | +46 | +6 | | | +29 | | | | | |

Notes: A more traditional type of cow showing good thickness. Joined to Woodbourn Larry. PTIC.

\$ Index Values Vealer Super Heavy Terminal Market Steer +\$31 +\$31 +\$45

Purchaser:

.OT 20 WAROONA JOAN L27 (PB)

Born: 11/07/2015 Colour: Silver Tattoo: ASH L27 Sex: F

> WILLALOOKA XEROX X64 (PB) (AI) MONTEREY BLITZEM (PB) MONTEREY JOYCE Y129 (PB) (AI)

Sire: GOLDEN HERO H7 (PB)

PANDORA PARNELL (PB) GOLDEN ADELLE C22 (PB) GOLDEN ADELLE V1 (PB) (AI)

MONTEREY SUNDOWNER (PB) MONTEREY SUNDOWNER Z26 (PB) MONTEREY MISS ANNABELLE W71 (PB)

Dam: WAROONA JOAN D29 (PB)

HILLVIEW MARCUS (PB) (AI) WAROONA JOAN 1ST (PB) MALPARARA JOAN 384 (PB)

| AURRAY ON P. | | | | | | May | 2020 | Murra | ay Gre | y BR | EEDPLAN | | | | |
|--------------|--------------------|-------------|-----|------|-----|-----|------|----------------|--------|------|--------------------|-------|-----|----------|-----|
| | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC CW | т ЕМА | RIB | RUMP RBY | IMF |
| EBV Acc | -2.7 40% | + | 0.2 | +3.6 | +19 | +28 | +35 | +33 62% | -2 | | +2 ′ 57% | l | | | |

Notes: Easy doing cow with depth of body and softness. Joined to Woodbourn Larry. PTIC.

| \$ In | idex Value | es |
|--------------------|-----------------|----------------------|
| Vealer Terminal | Super Market | EU Heavy Steer |
| +\$23 | +\$19 | +\$26 |
| | • | |

LOT 21 WAROONA NORMA K52 (PB)

Born: 29/07/2014 Colour: Silver Tattoo: ASH K52 Sex: F

KELSO CRACKER C17 (PB)

KELSO YOGO Y13 (PB) (AI)
LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

WOODBOURN PEPPER A9 (PB)

JYNDARRA WARRIOR W3 (PB) (AI)
WOODBOURN MISS PEPPER X38 (PB)

MONTEREY SUNDOWNER Z26 (PB)

MONTEREY SUNDOWNER (PB)
MONTEREY MISS ANNABELLE W71 (PB)

Dam: WAROONA NORMA G9 (PB)

WAROONA NORMA Z59 (PB)

GLENCAIRN HERCULES R31 (PB)
WAROONA NORMA 1ST (PB)

| AURRAY ORF | | | | | | May | 2020 | Murr | ay Gre | y BR | EEDP | LAN | | | | | |
|------------|------|-------------|-----|------|-----|-----|------|------|--------|------|------|-----|-----|-----|------|-----|-----|
| | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | ss | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | -1.4 | | | +5.1 | | | | | | | | | | | -0.6 | | |
| Acc | 45% | | 53% | 79% | 73% | 69% | 73% | 62% | 54% | | | 60% | 43% | 53% | 53% | 50% | 46% |

Notes: A silver cow with thickness and softness that has good milking figures. Joined to Woodbourn Larry, PTIC.

 Index Values

 Vealer Terminal
 Super Market
 EU Heavy Steer

 +\$41
 +\$33
 +\$56

Purchaser: \$

LOT 22 WAROONA NORMA K49 (PB)

Born: 26/07/2014 Colour: Silver Tattoo: ASH K49 Sex: F

KELSO CRACKER C17 (PB)

KELSO YOGO Y13 (PB) (AI)
LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

WOODBOURN PEPPER A9 (PB)

JYNDARRA WARRIOR W3 (PB) (AI)
WOODBOURN MISS PEPPER X38 (PB)

GLENCAIRN HERCULES R31 (PB)

HIGHWOOD AMBASSADOR (PB) (AI)
GLENCAIRN MAGNOLIA 504 (PB)

Dam: WAROONA NORMA Z59 (PB)

WAROONA NORMA 1ST (PB)

SPRINGDALE STEPHEN M7 (PB) (AI) (ET)
WAROONA NORMA (PB)

| NIRRAY CA | | | | | May 2020 Murray Grey BREEDPLAN 200 400 600 MCW MILK SS DTC CWT EMA RIB RUMP RBY IMF | | | | | | | | | | | | |
|-----------|------|-----|------|------|--|-----|-----|-----|------|----|-----|-----|------|------|------|------|-----|
| | CED | CED | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | | 2 | | | | | | | | | | | | | | | |
| EBV | -1.4 | | -0.5 | +5.2 | +20 | +30 | +00 | +00 | +3 | | | +33 | ±1.0 | -0.2 | -0.2 | ±1.2 | |
| Acc | 46% | | 54% | 81% | 74% | 70% | 74% | 65% | 58% | | | 61% | 43% | 52% | 52% | 49% | |

Notes: A silver cow with softness, length and a good udder. Joined to Woodbourn Larry. PTIC.

| \$ Index Values | | | | | | | | | |
|--------------------|-----------------|----------------------|--|--|--|--|--|--|--|
| Vealer Terminal | Super Market | EU Heavy Steer | | | | | | | |
| +\$39 | +\$31 | +\$61 | | | | | | | |

Purchaser:______\$_____

LOT 23 WAROONA OPERA STAR K28 (PB)

Born: 11/07/2014 Colour: Silver Tattoo: ASH K28 Sex: F

KELSO CRACKER C17 (PB)

KELSO YOGO Y13 (PB) (AI)
LINDSAY DONNA Z13 (GR2)

Sire: WOODBOURN FRANCE F48 (PB)

WOODBOURN PEPPER A9 (PB)

JYNDARRA WARRIOR W3 (PB) (AI)
WOODBOURN MISS PEPPER X38 (PB)

GLENCAIRN HERCULES R31 (PB)

HIGHWOOD AMBASSADOR (PB) (AI)
GLENCAIRN MAGNOLIA 504 (PB)

Dam: WAROONA OPERA STAR X3 (PB)

WAROONA OPERA STAR 19TH (PB)

SPRINGDALE STEPHEN M7 (PB) (AI) (ET)
WAROONA OPERA STAR 10TH (PB)

| JURRAY ON | | | | May 2020 Murray Grey BREEDPLAN GL BW 200 400 600 MCW MILK SS DTC CWT EMA RIB RUMP RBY IMF | | | | | | | | | | | | | |
|-----------|-----------------|-------------|------|---|-----|-----|-----|-----|------|----|-----|-----|------|------|-----------------|------|------|
| | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| | -0.9 48% | | -0.4 | +4.5 82% | +23 | +30 | +51 | +51 | +7 | | | +26 | +1.7 | +0.3 | +0.5 54% | +0.7 | +0.0 |

Notes: Another Woodbourn France female with good figures and great milking ability. Joined to Woodbourn Larry. PTIC.

| \$ index values | | | | | | | | | |
|--------------------|-----------------|----------------------|--|--|--|--|--|--|--|
| Vealer Terminal | Super Market | EU Heavy Steer | | | | | | | |
| +\$36 | +\$30 | +\$51 | | | | | | | |

Vealer

Super

Market

+\$13

Heavy

Steer

+\$21

Purchaser: \$

LOT 24 WAROONA TAREE K10 (PB)

Born: 20/04/2014 Colour: Silver Tattoo: ASH K10 Sex: F

SHELLGARDI MISTER CHARMER (PB) (AI)

ROBERN MISTER MUSCLE (PB) (AI)

MT VIEW CHARMAINE T17 (PB)

Sire: SHELLGARDI MISTER REALITY (PB) (AI)

WOODBOURN RADIANT R55 (PB)

HILLSIDE MARS BAR (PB)
WOODBOURN MISS RADIANT 719 (PB)

MONTEREY SUNDOWNER Z26 (PB)

MONTEREY SUNDOWNER (PB)

MONTEREY MISS ANNABELLE W71 (PB)

Dam: WAROONA TAREE C54 (PB)

WAROONA TAREE X56 (PB)

GLENCAIRN HERCULES R31 (PB)
WAROONA TAREE 7TH (PB)

| AURRAY ON P. | | | | | | May | May 2020 Murray Grey BREEDPLAN 400 600 MCW MILK SS DTC CWT EMA RIB RUMP RBY IMF | | | | | | | | | | |
|--------------|-----|-----------------|----|----|-----|-----|---|-----|------|----|-----|-----|-----|-----|-----------------|-----|-----|
| ans. | CED | CED DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV Acc | | -1.8 35% | | | | | | | - | | | | | | -1.4 50% | | |

\$ Index Values

Notes: A well grown female. She is long and smooth with good udder. Joined to Woodbourn Larry. PTIC.

| | | |
|------------|------|--|
| | | |
| Purchaser: | \$ | |
| | | |

LOT 25 WAROONA CLARETTE K6 (PB)

Born: 06/03/2014 Colour: Silver Tattoo: ASH K6 Sex: F

SHELLGARDI MISTER CHARMER (PB) (AI)

ROBERN MISTER MUSCLE (PB) (AI)

MT VIEW CHARMAINE T17 (PB)

Sire: SHELLGARDI MISTER REALITY (PB) (AI)

WOODBOURN RADIANT R55 (PB)

HILLSIDE MARS BAR (PB)
WOODBOURN MISS RADIANT 719 (PB)

WILLALOOKA XEROX X64 (PB) (AI)

MONTEREY BLITZEM (PB)

WILLALOUNA XEROX X64 (PB) (AI)

MONTEREY JOYCE Y129 (PB) (AI)

Dam: WAROONA CLARETTE E12 (PB)

WAROONA CLARETTE Y2 (PB)

WAROONA SPIRIT W6 (PB)

WAROONA CLARETTE 7TH (PB)

May 2020 Murray Grey BREEDPLAN

CED CED GL BW 200 400 600 MCW MILK SS DTC CWT EMA RIB RUMP RBY IMF

EBV -3.5 +1.4 +3.8 +13 +23 +37 +39 +1 +23 Acc 45% 53% 79% 71% 67% 70% 60% 57% 57%

Notes: Another outstanding soft female. Joined to Woodbourn Larry. PTIC.

\$ Index Values

Vealer Super EU

Terminal Super Heavy Steer +\$16 +\$17 +\$29

Purchaser: \$

LOT 26 20 COMMERCIAL PTIC HEIFERS



REFERENCE SIRE WOODBOURN FRANCE F48 (PB)

Born: 23/08/2010 Colour: Silver Tattoo: F48

KELSO YOGO Y13 (PB) (AI) JYNDARRA WARRIOR W3 (PB) (AI)

Sire: KELSO CRACKER C17 (PB) Dam: WOODBOURN PEPPER A9 (PB)

LINDSAY DONNA Z13 (GR2) WOODBOURN MISS PEPPER X38 (PB)

May 2020 Murray Grey BREEDPLAN

| | | | | | | ,, | | | | | | | |
|-------|-------|--------|------|-----|-----|-------------|-------|-----|------|------|-------|-------|------|
| | BW | MILK | 200 | 400 | 600 | MCW | SS | CWT | EMA | RIB | RUMP | RBY | IMF |
| EBV | +5.3 | +10 | +33 | +49 | +76 | +72 | +0.8 | +41 | +0.9 | -0.2 | -0.1 | +0.7 | -0.3 |
| Acc | 96% | 76% | 93% | 89% | 93% | 81% | 57% | 81% | 66% | 77% | 77% | 73% | 68% |
| | Veale | r Term | inal | | | Superr | narke | t | | EU | Heavy | Steer | |
| +\$50 | | | | | | +\$46 +\$72 | | | | | | ! | |
| | | | | | | | | | | | | | |



REFERENCE SIRE WOODBOURN LARRY L9 (PB)

Born: 23/03/2015 Colour: Silver Tattoo: L9

GNOLEDA ZAC (PB) THE GLEN HONESTY W67 (PB)

Sire: NAWARRA BANANA BENDER (PB) Dam: WOODBOURN MISS CARRIE Z85 (PB)

SPRINGWELL BANANA T43 (PB) WOODBOURN CARRIE X2 (PB)

May 2020 Murray Grey BREEDPLAN

| | | | | | | ,a. | | | D, | | | | | |
|---|----|-------|--------|------|-----|-----|--------|-------|-----|------|------|-------|-------|------|
| | | BW | MILK | 200 | 400 | 600 | MCW | SS | CWT | ЕМА | RIB | RUMP | RBY | IMF |
| E | BV | +4.2 | +4 | +34 | +54 | +83 | +87 | | +54 | +2.7 | -0.9 | -1.3 | +2.0 | -0.1 |
| A | cc | 90% | 57% | 82% | 78% | 81% | 68% | | 68% | 56% | 65% | 65% | 61% | 56% |
| | | Veale | r Term | inal | | | Supern | narke | t | | EU | Heavy | Steer | |
| | | | +\$54 | | | | +\$5 | 51 | | | | +\$78 | | |
| | | | | | | | | | | | | | | |



EBV's Explained

Calving Ease Direct: Calving Ease (DIR) EBVs are estimates of genetic differences in the ability of a sire's calves to be born unassisted from 2 year old heifers.

Calving Ease Daughters: Calving Ease (DTRS) EBVs are estimates of genetic differences in the ability of a sire's daughters to calve at 2 years of age without assistance.

Gestation Length: Gestation Length EBVs are estimates of genetic differences between animals in the number of days from the date of conception to the calf birth date.

Birth Weight: Birth Weight EBVs are estimates of genetic differences between animals in calf birth weight. Calf birth weight is the biggest genetic contributing factor causing calving difficulty in heifers. Please note, whilst low Birth Weight EBVs are favoured for calving ease they are also generally associated with lower overall growth potential. Consequently, birth weight and growth need to be carefully balanced. Fortunately, animals can be found that have both moderate Birth Weight EBVs and above average EBVs for later growth.

200 Day Milk: 200 Day Milk EBVs are estimates an animal's maternal effect on the 200 day weight of its calf. In the case of sires, this estimates the maternal effect that his daughters will have on the 200 day weight of their progeny. Larger, more positive, 200 Day Milk EBVs are generally more favourable, depending on the environment.

Growth: In general, with all other things being equal, higher growth rates will lead to higher profitability. In most economic analyses conducted positive emphasis on growth is warranted. BREEDPLAN calculates three growth EBVs – 200 Day Growth, 400 Day Weight & 600 Day Weight. These EBVs are the best prediction of the animal's ability to grow to weaning (200 day), yearling (400 day) and later ages (600 day). 200 Day Growth EBVs are therefore important to vealer breeders, 400 Day Weight EBVs for yearling breeders and 600 Day Weight EBVs for breeders of heavy steers.

200 Day Growth: EBVs are estimates of the genetic differences between animals in live weight at 200 days of age due to their genetics for growth. Calculated from the weights of calves taken between 80 and 300 days of age.

400 Day Weight: 400 Day Weight EBVs are estimates of the genetic differences between animals in live weight at 400 days of age. Calculated from the weights of calves taken between 301 and 500 days of age.

600 Day Weight: 600 Day Weight EBVs are estimates of the genetic differences between animals in live weight at 600 days of age. Calculated from the weights of calves taken between 501 and 900 days of age.

Mature Cow Weight: Mature Cow Weight EBVs are estimates of the genetic differences between cows in live weight at 5 years of age. Mature Cow Weight EBVs are expressed in kilograms (kg) and are calculated from weights taken on the cow when her calf's 200 day (weaning) weight is being measured.

Scrotal Size: Scrotal Size EBVs are estimates of the genetic differences between animals in scrotal circumference at 400 days of age. Increased scrotal circumference is associated with increased semen production in bulls, and earlier age at puberty of bull and heifer progeny. Increased scrotal circumference also has a favourable relationship with days to calving, such that bulls with larger scrotal circumference tend to have daughters with shorter days to calving.

Days to Calving: Days to Calving EBVs are estimates of genetic differences between animals in time from the start of the joining period (i.e. when the female is introduced to a bull) until subsequent calving. Lower, or more negative, Days to Calving EBVs are generally more favourable.

Carcase Weight: Carcase Weight EBVs are estimates of the genetic differences between animals in hot standard carcase weight (as defined by AUSMEAT) at 650 days of age. Larger, more positive, Carcase Weight EBVs are generally more favourable.

Eye Muscle Area (EMA): Eye Muscle Area EBVs are estimates of the genetic differences between animals in eye muscle area at 12/13th rib site in a standard weight steer carcase. Larger, more positive, EMA EBVs are generally more favourable.

Rib Fat: Rib Fat EBVs are estimates of the genetic differences between animals in fat depth at the 12/13th rib sitein a standard weight steer carcase. More positive or more negative Rib Fat EBVs may be more favourable, depending on your breeding goals relating to the finishing ability of your animals. A bull with a Rib Fat EBV of -0.4 mm would be expected to produce leaner calves than a bull with a Rib Fat EBV of +0.4 mm, relative to carcase weight.

Rump Fat: Rump Fat EBVs are estimates of the genetic differences between animals in fat depth at the P8 rump site in a standard weight steer carcase. Stock with positive fat EBVs are likely to produce progeny that are fatter, or more earlier maturing, on average than stock with lower or negative fat EBVs. Increasing fat depth leads to a decrease in retail beef yield, however most market specifications require a minimum fat depth. Breeders aiming to breed leaner, higher yielding cattle may select for lower fat EBVs. Breeders wishing to finish their animals earlier may tend to select animals with moderate fat EBVs.

Retail Beef Yield (RBY): Retail Beef Yield (RBY) EBVs are estimates of genetic differences between animals in boned out retail beef yield in a standard weight steer carcase. Larger, more positive, RBY EBVs are generally more favourable.

Intramuscular Fat (IMF): Intramuscular Fat (IMF) EBVs are estimates of genetic differences between animals in intramuscular fat (marbling) at the 12/13 rib site in a standard weight steer carcase. Larger, more positive, IMF EBVs are generally more favourable.

Vealer Terminal Index (\$) – Estimates the genetic differences between animals in net profitability per cow joined for an example crossbred commercial herd (ie. using Murray Grey bulls over British bred females) targeting vealer production. Vealers are finished on grass and marketed at 365 kg live weight (average 200 kg HSCW and 9 mm P8 fat depth) at 10 months of age. Daughters are NOT retained for breeding and so no consideration is given to maternal traits (ie calving ease daughters, female fertility, mature cow weight).

Supermarket Index (\$) - Estimates the genetic differences between animals in net profitability per cow joined for an example Murray Grey commercial herd targeting production of steers for the domestic supermarket trade. Steers are either finished on grass, or grain fed for 70 days, and marketed at 470 kg live weight (average 260kg HSCW and 12mm fat) at 15 months of age. Daughters are retained for breeding.

Heavy Grass Fed Steer Index (\$) - Estimates the genetic differences between animals in net profitability per cow joined for an example Murray Grey commercial herd targeting pasture finished steers for heavier grass fed markets. Steers are assumed marketed at 620 kg live weight (340 kg HSCW and 14 mm P8 fat depth) at 24 months of age. Daughters are retained for breeding.

Breed Average EBV's for 2018 Born Calves

| | CED | | | | | | | | | | | | | | | |
|------|------|------|------|-----|-----|-----|-----|------|------|------|-----|------|------|------|------|------|
| CED | DTRS | GL | BW | 200 | 400 | 600 | MCW | MILK | SS | DTC | CWT | EMA | RIB | RUMP | RBY | IMF |
| -1.1 | -0.2 | -0.7 | +3.5 | +23 | +37 | +53 | +54 | +4 | +0.5 | -1.8 | +33 | +1.7 | -0.2 | -0.2 | +0.9 | +0.0 |

| Vealer Terminal Index (\$) | Supermarket Index (\$) | Heavy Grass Fed Steer Index (\$) |
|-------------------------------|------------------------|-------------------------------------|
| +38 | +39 | +55 |

Notes

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