



Woodland Foremost. High selling bull is 2013 sale. ABS Global description: **Foremost** for Balance. One of the most well rounded bulls you will find from both a phenotype and data standpoint. Sound structured, moderate, big bodied and easy fleshing. A standout for calving ease, docility and muscle.



Genetic Value Bull Sale

March 27, 2014

Glasgow Stockyards

1 p.m.

Selling:
11 Bulls
And a few cows

Woodland Farms

C. K. Allen

362 Hwy 537, P O Box 186

Hinsdale, MT 59241

406-648-7130
ckallen@nemont.net

The Woodland Story

C. K. Allen and Woodland Farms are new to the Hi-Line moving to Hinsdale in April of 2009. Originally from southwest Virginia, C. K. moved to Missouri after receiving graduate degrees in ruminant nutrition from Michigan State University in 1972. He was in charge of performance programs for the American Polled Hereford Association for 6 years, CEO of the Angus Association for 3 years, served on the board of the American Gelbvieh Association for 6 years and was President in his final year.

C. K. was raised with registered Hereford and Polled Hereford cattle and started his Angus herd in 1977. His first Angus production sale was in 1982. He also experimented with registered Simmental, Gelbvieh, Charolais and produced both F1 and F2 Angus based composites of these Continental breeds while in Missouri.

Woodland Farms fed cattle in a commercial feedlot on a small scale for about 30 years prior to moving to Montana, to get carcass data on sires used in the Woodland herd. C. K. decided to concentrate strictly on Angus in the early 2000's for simplicity and after discovering that his purebred Angus grew as fast or faster in the feedlot and had much better yield grades than expected. In addition he discovered that his purebred Angus cows stayed in the herd longer, had less calving problems and higher pregnancy rates than his half Angus Composites. He did learn that larger rib eyes and more carcass weight would enhance the carcass value. In recent years, Woodland Farms has made progress in REA, carcass weight, growth and docility but insist on maintaining fertility and calving ease as we improve other traits.

C. K. was honored in 2002 when Certified Angus Beef LLC presented him with a special Pioneer award and named him its 2002 Seedstock Commitment to Excellence Award winner.

C. K. retired as an Associate Professor in Agriculture at Northwest Missouri State University after 20 years and started looking for a place in Northeast Montana to be near his grand children. He sold his Angus cowherd as a unit to a group of progressive young men in December 2006 and they continue to operate the herd in Mt. Ayr, Iowa as Woodland Angus LLC.

The current Angus herd is small in numbers and, we think, high in genetic merit. The descend primarily from our embryo transfer program with our pick of ET heifers born in commercial herds in the spring and fall of 2007.

General Sale Information

Sale will be at the Glasgow Stockyards in Glasgow starting at 1 p.m. Sale Day Phone: 406-228-9306. C.K. Allen cell Phone 406-648-7130.

We will use the regular Auctioneer and sale crew normally at the Stockyards.

Cattle will sell under the Suggested Terms and Conditions published by the American Angus Association (www.angus.org/pub/suggested_sale_terms.pdf)

Free delivery on all bulls selling into Montana or \$50 rebate per bull if you haul your own.

All bulls selling will have passed a breeding soundness exam and are guaranteed breeders. Bulls have been vaccinated twice with mlv for viruses, vibrio-letpo and for foot rot. All cows are annually vaccinated for the same diseases and were given Scour Bos 9 prior to calving.

All bulls have had their DNA evaluated by Zoetis 50K and that data has been incorporated into their EPD's. Registration papers will be transferred to new owners.

Woodland Farms has evaluated all yearlings for Carcass traits with Ultrasound since 1996. They will be evaluated again this year and that data will be put in this sale brochure.

The American Angus Association runs the Angus National Cattle Evaluation (NCE) weekly. If new data is received by Tuesday it is included in the updated EPDs available Friday. We have listed most EPD's in this book but have left out accuracies and EPDs for a few traits. **You can get all current EPDs and accuracies by logging on to the Angus web site.** www.angus.org and inputting the registration number into the Animal Search space. You do not have to be a member nor do you have to own the animal in question. **EPDs printed here as of 2/28/14.**

New Genetic Condition Discovered in Angus cattle traces back to at least 1977.

Many prominent bulls have been identified as carriers and since their descendants have been used heavily in other breeds the condition is not limited to the Angus breed. The earliest identified carrier is Ken Carl Mr Angus 8017 (reg. # 8989216). Mr Angus was born on May 2, 1977, was a popular show bull and sired thousands of calves including 3,119 daughters that produced registered offspring. All carriers appear to trace to this sire but DNA samples (hair, blood or semen) are not available from his ancestors.

The condition has been labeled Developmental Duplication (DD) and does not appear to cause death of affected animals (apparently not lethal). Most of the calves with this trait are born with additional limbs, usually duplication of the front legs originating from the neck or shoulder region. The condition has sometimes been labeled co-joined twins that result from incomplete separation of identical twins but it is not known whether all co-joined twins result from this condition.

The cause of DD is a recessive mutation on a single cattle chromosome. DD differs from most identified recessive mutations because not all homozygous recessive animals have any sign of the condition (no extra limbs or other indications). This is genetic phenomenon called incomplete penetrance.

There have been tens of thousands of sons and daughters of carrier animals in the Angus breed alone and there should have been thousands of afflicted calves born and there have been some, but thousands of animals with extra legs should have raised alarm much earlier. Why not? First as stated before, rare occurrences were labeled as co-joined twins. It has been suggested that some of the homozygous recessive animals could have resulted in early embryonic death. Also some calves that are homozygous recessive do not show any abnormality. **In fact an Angus Journal article (page 96, December 2013) stated : ...In rare cases, animals affected with the condition (homozygous recessives) can be born with an extra limb or part of a limb."**

Within weeks after DNA test became available over 100 homozygous recessive animals with **no visible problem** were identified including one calf tested from the Woodland herd.

Labels Denoting tested or suspect animals:

DDA These animals are homozygous recessive with no visible affliction. All of their progeny will receive the DD gene.

DDC Carriers of the defect and 1/2 of their progeny will receive the DD gene and 1/2 will not carry the gene. They will produce defective calves only when bred to other carriers.

DDF Cattle tested free of the defective gene and none of the progeny will receive the defective gene from this tested animal,

DDP Denotes a registered animal that has a known carrier somewhere in his ancestry. This animal is a possible carrier but DNA has not been tested.

Woodland Farms became aware of this condition in late August of 2012. We started testing all our potential carriers as soon as test were available. The bull calves were already weaned and ready to go on feed. We late castrated one DDA individual and a couple of carriers (DDC). We will sell 3 of our top bulls that were identified as DDC. In the future all calves will be tested at birth.

A complete list of animals identified as carriers is available on the Angus web site. Some of the most heavily used carriers include: Ken Caryl Mr Angus 8017, B/R New Design 036, Bon View New Design 1407, Perry Power Design 715, TC Advantage, B/R New Design 323-9150, GAR Predestined, GAR New Design 5050, Rito 2V1 of 2536 1407, GAR Integrity, Sitz New Design 458N, B/R New Day 454, LCC New Standard, GAR Progress and Rito 9M25 of Rita 5F56 Pred.

Bon View Design 878, owned partially by Woodland Farms, is one of the heaviest used sons of B/R New Design 036 and fortunately **does not carry the defective gene (DDF)**.



G A R New Design 5050



Sire of # 31 and #33 (Beefmaker)



Connealy Forward

Sire of the top selling bull in the 2013 sale and #36..

31 Woodland 5050 Design 31 17497898 DDF

Born: Jan.. 8, 2013, BW 50, CE 1, Adj. WW 717, ratio 92;
Adj. YW 1135, ratio 89; Adj. Scrotal 31.7 Calving ease ****
SC EPD -0.41

- B/R New Design 036
- G A R New Design 5050
- G A R Precision 706
- G G Grade & Yield 602
- Woodland Enjerica 135
- Woodland Enjerica 793

Ultrasound	
IMF 5.63, Ratio 93	REA 11.7, Ratio 87
Fat:	
Rib .29, Ratio 91	Rump .33, Ratio 92

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
18	-2.7	50	91	18	15	32	16	.79	.71	-.009
\$W 39.57		RADG 0.19		\$B 77.76						

Elite calving ease prospect that ranks in the top 1% for calving ease and light BW. Other rankings: WW top 35%, YW 30%, docility 25%, Milk 10%, Marb. 10%, REA 15%, RADG 25%, \$W top 10%. . Born unassisted from a two year old.

33 Woodland Beefmaker 33 171497897 DDF

Born: Jan. 13, 2013 BW 70, CE 1, Adj. WW 814, ratio 104;
Adj. YW 1313, ratio 102, Adj. Scrotal 34.8 Calving ease ****
SC EPD -.13.

- B/R New Design 036
- G A R New Design 5050
- G A R Precision 706
- G G Grade & Yield 602
- Woodland Enjerica 141
- Woodland Enjerica 791

Ultrasound	
IMF 6.77, Ratio 112	REA 14.0, Ratio 104
Fat:	
Rib .24, Ratio 75	Rump .30, Ratio 83

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
13	-0.3	56	102	21	12	31	26	.95	.96	-.023
\$W 42.76		RADG 0.23		\$B 97.34						

Heifer bull, negative BW and born unassisted from a two year old. Rankings in the Angus breed (top): CED 3%, BW 10%, WW 15%, YW 10%, RADG 10%, Docility 15%, CEM 15%, Marb. 4%, REA 4%, \$W 3% & \$B 4%. Multi-trait balance of EPDs **See note**. In addition his DNA analysis puts him in the top 1% of all Angus on tenderness. He is a standout on muscle, docility, clean profile and attractiveness.

36 Woodland Forward 36 17493102 DDF

Born: Jan.23, 2013, BW 78, CE 1, Adj. WW 806, ratio 103;
Adj. YW 1340, ratio 104; Adj. Scrotal 37.1 Calving ease ****
SC EPD 0.73

- Connealy Onward
- Connealy Forward
- Becky Lee of Conanga 74
- S S Objective T510 0T26
- Woodland Burgess Pride 114
- Woodland Burgess Pride 710

Ultrasound	
IMF 7.28, Ratio 120	REA 14.1, Ratio 104
Fat:	
Rib .43, Ratio 134	Rump .32, Ratio 89

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
15	1.4	64	113	23	11	36	30	.90	.89	.003
\$W 50.87		RADG 0.13		\$B 98.77						

Herd sire prospect & high growth, heifer bull born unassisted out of an excellent two year old. Rankings: Top 1% for CED, milk and \$W. Top 2% for WW & YW; and top 3% for \$B. Top 10% for docility. **See note**.



Woodland Burgess Pride 113

Twin sister to the dam of #36. She sold to Keith Arntzen in the 2012 NILE

Maternal grand dam of #36 & her 2012 calf. 710 is now 7 and has weaned 6 calves averaging 105 on both weaning & yearling ratios



Woodland Burgess Pride 710

Note:

We compared the EPDs & dollar values of # 33 and then #36 to all other non-parent Angus bulls on 2/28/14. No other bull matched or exceeded either of them.



A A R Ten X 7008 S A. One of the most used sires in 2013. He is earning a reputation for one of the best balanced and most powerful Angus sires. 311, 317, 321 & 324 are sons; 323 and 326 are grandsons.

311 Woodland Ten X 311 17492491 DDC

Born: Feb. 3, 2013, BW 86, CE 1, Adj. WW 835, ratio 107; Adj. YW , ratio NC; Adj. Scrotal 37.1 Calving ease **** SC EPD 1.52

Mytty In Focus
A A R Ten X 7008 S A
A A R Lady Kelton 5551
Gardens Wave
Woodland Enjerica 931
Woodland Enjerica 790

Ultrasound	
IMF , Ratio NC	REA , Ratio NC
Fat:	
Rib ., Ratio NC	Rump , Ratio NC

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
8	0.9	61	114	14	9	30	43	1.24	.80	.005
\$W 50.30		RADG 0.29		\$B 114.39						

High growth heifer bull and a bull that will catch your eye. EPD rankings: CED top 25%, WW top 4%, YW top 2%, RADG, marbling, \$W & \$B all in top 1%. His yearling wt and ultrasound was not taken with the other bulls. DDC.

322 Woodland Rito 9M25 Son 322 17492502 DDC

Born: Feb. 17, 2013, BW 90, CE 1, Adj. WW 853, ratio 110; Adj. YW 1362, ratio 106; Adj. Scrotal 40.9 Calving ease ** SC EPD 1.71

G A R Presdestined
Rito 9M25 of Rita5F56 Pred
Rita 5F56 of 1198 FD
SydGen C C & 7
Woodland Enjerica 127
Woodland Enjerica 793

Ultrasound	
IMF 4.41, Ratio 73	REA 14.6, Ratio 108
Fat:	
Rib .31, Ratio 97	Rump .31, Ratio 86

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
6	2.5	62	106	11	8	35	45	.78	1.12	-.003
\$W 48.65		RADG 0.18		\$B 109.41						

Born unassisted from a 2 yr. old. The heaviest bull at weaning and has the largest REA EPD of any bull selling. EPD rankings: Top 1% REA. \$W & \$B. WW top 4%; YW top 5%, Marbling top 15% & Docility top 40%. DDC

317 Woodland Ten X 317 17492504 DDF

Born: Feb. 10, 2013, BW 80, CE 3, Adj. WW 824, ratio 105; Adj. YW 1290, ratio 100; Adj. Scrotal 40.7 Calving ease ** SC EPD 1.54

Mytty In Focus
A A R Ten X 7008 S A
A A R Lady Kelton 5551
Gardens Wave
Woodland Power 116
Woodland Power 914

Ultrasound	
IMF 5.30, Ratio 88	REA 12.8, Ratio 95
Fat:	
Rib .34, Ratio 106	Rump .32, Ratio 89

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
6	0.3	63	115	10	6	30	43	1.27	.47	.006
\$W 48.97		RADG 0.22		\$B 111.03						

High growth bull that was pulled out of a first calf heifer, EPD rankings: WW top 3%; top 1% for YW, marbling, \$W and \$B. RADG top 10%.

321 Woodland Ten X 321 17492506 DDC

Born: Feb. 16, 2013, BW 96, CE 1, Adj. WW 772, ratio 99; Adj. YW 1242, ratio 97; Adj. Scrotal 40.1 Calving ease ** SC EPD 1.61

Mytty In Focus
A A R Ten X 7008 S A
A A R Lady Kelton 5551
Gardens Wave
Woodland Enjerica 933
Woodland Enjerica 791

Ultrasound	
IMF 7.08, Ratio 117	REA 13.8, Ratio 102
Fat:	
Rib .21, Ratio 66	Rump .25, Ratio 69

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
5	2.1	58	111	7	5	27	47	1.35	.96	-.003
\$W 42.16		RADG 0.31		\$B 121.91						

He is the top bull selling on RADG and \$B. EPD rankings: WW top 10%, YW top 2%, \$W top 4% and REA top 4%. RADG, marbling and \$ B all in the top 1%. DDC



Woodland Enjerica 126, flush sister to dam of #322.

EPDs current on 2/28/14. All EPDs enhanced by Genomic (DNA) analysis.		Average EPDs for Non-Parent Angus Bulls (Spring 2014)												
CED	BW	WW	YW	RADG	SC	Docility	CEM	Milk	CW	Marb	REA	Fat	\$W	\$B
5	1.8	47	83	0.16	.73	11	8	24	25	.46	.42	.008	30.10	69.56

323 Woodland 1309 Son 323 17492495 DDF

Born: Feb.20, 2013, BW 60, CE 1, Adj. WW 686, ratio 88;
 Adj. YW 1214, ratio 95; Adj. Scrotal 37.0 Calving ease ****
 SC EPD 1.67

A A R Ten X 7008 S A
 A A R Ten X 1309
 K A Elluna 9349
 Woodland Highmark 738
 Woodland Blackbird 119
 Woodland Blackbird 718

Ultrasound	
IMF	6.32, Ratio 104
REA	13.8, Ratio 102
Fat:	
Rib	.36, Ratio 113
Rump	.51, Ratio 142

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
19	-3.9	38	80	-2	15	27	36	.68	.69	.001
		\$W 37.27		RADG 0.21		\$B 93.75				

Sleep all night heifer bull born unassisted from a two year old dam. EPD rankings: Top of the breed for CED and birth weight. Top 15% for \$W and top 10% for \$B. ADG 3.30, ratio 105. Highest bull in sale for \$EN (0.60).



A A R Ten X 1309 (17039484) as a yearling. He was the top selling bull in 2012 Arntzen's sale and is proving to be a super calving ease sire. Sons sell as #323 & #326.

324 Woodland Ten X 324 17492507 DDF

Born: Feb. 23, 2013, BW 83, CE 1, Adj. WW 794, ratio 102;
 Adj. YW 1336, ratio 104; Adj. Scrotal 37.3 Calving ease **
 SC EPD 0.80

Mytty In Focus
 A A R Ten X 7008 S A
 A A R Lady Kelton 5551
 Gardens Wave
 Woodland Enjerica 930
 Woodland Enjerica 793

Ultrasound	
IMF	6.40, Ratio 106
REA	12.3, Ratio 91
Fat:	
Rib	.40, Ratio 125
Rump	.49, Ratio 136

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
4	1.3	53	106	22	5	25	43	1.37	.67	.017
		\$W 40.26		RADG 0.23		\$B 113.77				

He has great carcass EPDs. EPD rankings: Top 1% for marbling and \$B. \$W top 25%, WW top 25%, YW top 15%, & RADG top 10%.

326 Woodland 1309 Son 326 17492497 DDF

Born: Feb.23, 2013, BW 72, CE 1, Adj. WW 764, ratio 98;
 Adj. YW 1263, ratio 98; Adj. Scrotal 38.6 Calving ease ****
 SC EPD 1.53

A A R Ten X 7008 S A
 A A R Ten X 1309
 K A Elluna 9349
 Woodland Bexter 819
 Woodland Enjerica 120
 Woodland Enjerica 793

Ultrasound	
IMF	4.97, Ratio 82
REA	14.1, Ratio 104
Fat:	
Rib	.21, Ratio 66
Rump	.35, Ratio 97

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
16	-1.9	49	97	-2	13	27	28	.71	.74	-.008
		\$W 42.93		RADG 0.25		\$B 89.58				

Heifer bull, born unassisted from a 22 month old heifer. EPD rankings: CED top 1%, birth weight top 2%, \$W top 3% and \$B top 15%. RADG is in the top 4%.

RADG (Residual average daily gain)

RADG EPD s a measure of **post-weaning feed efficiency** and is presented in pounds per day with a higher number being more favorable.

Like all EPDs, it is best used for comparing animals. **Basically RADG is extra daily gain in pounds produced by cattle fed the same amount of feed during the post-weaning phase of production.**

A difference of 0.10 pounds (between two bulls) would result in a progeny difference of 16 more pounds per head during a 160 day post-weaning period with no additional feed cost.

RADG is not a cow efficiency tool.

328 Woodland Y086 Son 328 17492503 DDF

Born: Mar. 7, 2013, BW 103, CE 1, Adj. WW 809, ratio 103;
 Adj. YW 1383, ratio 107; Adj. Scrotal 38.5 Calving ease *
 SC EPD 1.37

G A R Presdestined
 BDAR Predestined Y086
 BDAR McHenry Blackcap 739T
 EXAR 263C
 Basin Lady 0098
 Basin Lady U261

Ultrasound	
IMF	6.34, Ratio 105
REA	13.9, Ratio 103
Fat:	
Rib	.38, Ratio 119
Rump	.45, Ratio 125

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
-3	4.9	56	106	-1	3	28	35	.82	.69	.045
		\$W 29.15		RADG 0.17		\$B 93.90				

Born unassisted from a three year old. EPD rankings: WW top 15%. YW top 5%, Marbling top 10%, REA top 20% and \$B top 10%.

EPDs current on 2/28/14.
 All EPDs enhanced by
 Genomic (DNA) analysis.

Average EPDs for Non-Parent Angus Bulls (Spring 2014)														
CED	BW	WW	YW	RADG	SC	Docility	CEM	Milk	CW	Marb	REA	Fat	\$W	\$B
5	1.8	47	83	0.16	.73	11	8	24	25	.46	.42	.008	30.10	69.56

Calving Ease Selection

The most accurate way to select bulls to mate to heifers is to consider both **CED EPD (7 or higher)** and **BW EPD (2.0 or less)**. CED stands for calving ease direct or the direct effect a bull has on calving ease. Actual birth weight is one of the least accurate indicators of calving ease. **CEM** or maternal calving ease indicates ease of presentation or how easy daughters of a bull give birth to calves, it is correlated to CED but a different trait.

Over the long haul you will have less calving difficulty with heifers by breeding daughters of bulls with a high CEM EPD to bulls with a high CED EPD.

High growth (EPDs for BW, WW, YW & CW) and more muscle (REA EPD) are antagonistic to calving ease but not exclusive. In other words you can find bulls with more growth and more muscle and still have calving ease but it is much harder to find them. Woodland Farms has selected for antagonistic traits by trying to produce bulls that combine growth, muscle and calving ease.

Calving Ease Ratings for Heifers:

Highly Recommended **, Recommended ***, Should Work on Large frame heifers **, Cows ***

Cows: There may be another pair or two by sale day.

136 Woodland Enjerica 136 17041838 DDF

Born: March 23, 2011, Tattoo 136

G A R Yield Grade
G G Grade & Yield 602
G G Clara 404
S S Objective T510 0T26
Woodland Enjerica 793
Woodland Enjerica 27

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
14	0.4	54	99	8	11	29	31	.73	.27	.026
\$W 41.84		RADG 0.19			\$B 84.09					

Had a replacement heifer born 2/1/13 with a BW of 60 and a 205 day wt of 641, ratio 99. Pasture exposed to BDAR Predestined Y086 (AAA 17172649, DDC) from May 29 to June 30, 2013. Pregnancy test indicates she should calve the last week of March.

142 Woodland Enjerica 142 17065079 DDF

Born: March 27, 2011, Tattoo 142

Basin Rainmaker 747L
Basin Rainmaker P175
Basin Blackcap Lady 693L
S S Objective T510 0T26
Woodland Enjerica 793
Woodland Enjerica 27

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
7	1.6	55	97	4	6	25	22	.94	.52	-.004
\$W 39.74		RADG 0.12			\$B 86.33					

Had a replacement heifer born 2/6/13 with a BW of 80 and a 205 day wt of 639, ratio 99. Pasture exposed to BDAR Predestined Y086 (AAA 17172649, DDC) from May 21 to June 30, 2013. Pregnancy test indicates she should calve in mid March.

EPDs current on 2/28/14.

All EPDs enhanced by Genomic (DNA) analysis.

Average EPDs for Current Dams (Spring 2014)

CED	BW	WW	YW	RADG	SC	Docility	CEM	Milk	CW	Marb	REA	Fat	\$W	\$B
4	2.1	43	76	0.15	.60	9	8	22	22	.40	.27	.006	27.72	61.45

0006 Basin Lucy 0006 16606370

Born: Jan. 9, 2010, Tattoo 0006

C F Right Design 1802
Summitcrest Complete 1P55
Summitcrest Elba 1M17
S S Objective T510 0T26
Basin Lucy 308U
Basin Lucy N728

CED	BW	WW	YW	Doc	CEM	Milk	CW	Marb	REA	Fat
7	2.0	55	100	2	9	37	36	.61	.80	-.006
\$W 39.12		RADG 0.14			\$B 94.44					

2 previous calves BW ratio 105, WN ratio 101. one yearling YW ratio 101 and ultrasound ratios: IMF 151 and REA 104. Her 2012 son was one of the top bulls last year selling for \$4,250 to Mark & Steve Knaff. Bred to BDAR Predestined Y086 (AAA 17172649, DDC), and due to calve April 14. She was one of the top selling open heifers in the Basin Dispersal.



Grandson John McColly with his Grand Champion Steer "RW".

\$VALUE INDEXES (\$W & \$B):

These are multi-trait selection indexes expressed in dollars per head. The \$ Value is an estimate of how future progeny of a sire are expected to perform, on average, compared to progeny of other sires in the data base. The cost and revenue estimates are on a three year rolling average so \$ values change with changes in the market.

\$W:

Value expressed in dollars per head is the expected average difference in future progeny performance for pre-weaning merit. \$W includes both revenue and cost adjustments associated with differences in birth weight (BW), weaning weight (WW), maternal milk (milk) and mature cow size (MW). This value reflects profit potential for cow-calf producers that sell their calves at weaning.

\$B:

Value in dollars per head is the expected average difference in future progeny performance for post-weaning growth and carcass value compared to progeny of other sires. \$B includes WW, YW, feedlot gain, feed consumption and feed cost and cattle price differences as a result of carcass weight (CW), quality grade (Marbling) and yield grade (REA, fat & CW).

Many producers (Commercial and Seedstock) pay little attention to this because they don't think it affects their profit. However if you feed cattle \$B is critical. I believe it affects those who buy your calves and the overall profitability of the beef industry. Ultimately it affects the prices paid for all cattle and the repeat demand for your calves.

Woodland Farms Selection Criteria

I avoid single trait selection and try to select simultaneously for several traits. First and foremost is **trouble-free**. We try to select cows that calve every twelve months without assistance and know how to take care of a calf. We select for easily managed, quite tempered cows but under our conditions most cows are not difficult to work with.

Other traits: calving ease comes up again, moderate birth weights and good growth. We don't try to maximize growth but we keep pushing for as much growth as possible as long as it doesn't create problems. We try to avoid extreme mature weight (MW) EPDs and extreme Milk EPDs to hold down maintenance cost and decrease rebreeding problems.

Carcass Traits: Some breeders ignore carcass traits saying they don't get paid for it. If the Seedstock producer does not improve carcass traits, who will? Fortunately, we can have good carcass merit and still excel in other traits. Feedlot operators who ultimately get your calves know the value of carcass merit and it is not an accident that Angus and Angus-cross feeders have the greatest demand.

The feedlots who do well with your calves probably won't tell you how great they were but they will make an extra effort to get them again. That's what reputation cattle are all about.

Thanks!

I want to thank everyone that makes an effort to attend our sale. I especially want to thank Bruce and Linda Hould who fed and developed the bulls; Iva and the crew at Glasgow Stockyards and the Glasgow Courier for helping produce the cattle brochure.