



Angus Breeders:

How time changes things. Five years ago Wardens Farm introduced to the Angus cattle industry 4 Point 8 of Ironwood, a truly great breeding bull for feed efficiency, calving ease, growth and maternal characteristics. He was the culmination of a 19 year history of measuring and breeding efficient genetics by Wardens Farm. His influence continues to be impressive in the Wardens Farm program not only in his direct sons, but also through his grandsons.

Now in the shadow of the ethanol boom, we are all wondering how to reduce feed needs and cost associated with it. When times get challenging serious cattlemen get serious about their convictions and actions. Now is the time for action and this action should not only be feed efficiency, but cattle that have a genetic track record for feed efficiency. Relying on DNA tests is not cutting it yet! You have to measure feed efficiency, determine the best, then be a courageous cattlemen and let the genetic differences work for you.

Wardens Farm has now feed efficiency evaluated bulls 25 years with bold moves in breeding objectives at the forefront. It is easy to keep using outcross genetics in a program, but try concentrating the best of the best through close relationship matings. Risks? Yes, but rewards only exist for those that make bold moves.

Many breeders are working to advance the Angus breed and doing it in various ways. Wardens Farm is compelled to do it in a trait area that makes up 60% of the cost of production. Yes, we absolutely believe in end product quality and reproduction. We do not perpetuate feed efficiency genetics unless we see success in these other important profit oriented traits.

In 2006 and early 2007 Wardens Farm participated in a genetic study with Cornell University and served as a data source on Feed Efficiency. David Kirschten, under the leadership of Dr. John Pollak, showed that Wardens Farm improvement in Residual Feed Intake has been over 1.5 lbs since 1994 and he noted that the best genetics for feed efficiency are now having a major impact on improvement. A great attribute to come out of this project for Wardens Farm was the development of EPDs for Residual Feed Intake, the industry gold standard for feed efficiency improvement. Talk about focusing in on making improvement in a trait, developing EPDs on our cattle is allowing us to better identify and use the best. There are other highlights this past year, but we will let you browse our website to catch up on those.

This note to you is to let you know that we have some outstanding individuals this year that deserve your study, attention and possible purchase. Please review the details on the following highlighted bulls, but don't stop there. Our total program and final data on our complete feed efficiency test is on our website: www.Wardensfarm.com

Let us know how we can assist you in taking the next step of improved efficiency.

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**2008 Top Bull for Feed Efficiency. This bull is NO Accident!
5 !!!! 7355 lines up FIVE 1st Place Finishers for Feed Efficiency.**

Ironwood 4P8 0350 7355 (15765035)

Sire: 4 Point 8 of Ironwood (13850307)
PGS: Ironwood New Level (13320150)
MGS: Ironwood Design 3U 0350 (13677467)
MGGS: Ironwood Ambush PSS5468 (12447816)

| Individual Performance | | | | | Ultrasound Data | | | |
|------------------------|------------|-------------|------------|-------|-----------------|--------------|-------------|--------------|
| BW / Ratio | WW / Ratio | ADG / Ratio | YW / Ratio | Frame | Scrotal | %IMF / Ratio | REA / Ratio | FAT / Ratio |
| 99 / 115 | 659 / 103 | 4.83 / 116 | 1264 / 104 | 6.1 | 37.5 | 4.90% / 98 | 15.7" / 102 | .35" / 73 |
| EPDs | | | | | Ultrasound EPDs | | | Feed Eff |
| CED / BW | WW | Milk / CEM | YW | Scr | %IMF | REA | Fat | RFI / F:G |
| 5 / 1.8 | +43 | +20 / 4 | +80 | -0.16 | +.13 | +.31 | -0.027 | -2.91 / 4.31 |
| .26 / .38 | 0.31 | .22 / .13 | 0.33 | 0.19 | 0.29 | 0.30 | 0.30 | na / 128 |

**Feed Efficiency: 4.31, Feed Efficiency Ratio: 128
Residual Feed Intake: -2.91**

**His Sire, 4 Point 8 of Ironwood
1st in 2002 Test
4.81 Feed Efficiency / Ratio 123
Residual Feed Intake: -2.61
RFI EPD: -1.68**

**His Paternal Grandsire, New Level
1st in 2000 Test
5.02 Feed Efficiency / Ratio 128
Residual Feed Intake: -2.20
RFI EPD: -.75**

**His Maternal Grandsire, 0350
1st in 2001 Test
5.18 Feed Efficiency / Ratio 136
Residual Feed Intake: -1.33
RFI EPD: -.91**

**His Maternal Great Grandsire, 5468
1st in 1996 Test
4.46 Feed Efficiency / Ratio 123
Residual Feed Intake: -2.50**

**His Maternal Great, Great Grandsire, Ironwood Rito 2100 905
1st in 1990 Test
4.14 Feed Efficiency / Ratio 125
Residual Feed Intake: -2.78**

A 9.6% Inbred Ironwood bull with superb performance in all traits.

Ironwood 4333 0350 7301 (15765000)

Sire: Ironwood 4P8 701 4333 (14744800)
PGS: 4 Point 8 of Ironwood (13850307)
MGS: Ironwood Design 3U 0350 (13677467)
MGGS: Ironwood New Design 022 701 (12919637)

| Individual Performance | | | | | | Ultrasound Data | | |
|------------------------|------------|-------------|------------|-------|-----------------|-----------------|-------------|--------------|
| BW / Ratio | WW / Ratio | ADG / Ratio | YW / Ratio | Frame | Scrotal | %IMF / Ratio | REA / Ratio | FAT / Ratio |
| 77 / 101 | 604 / 101 | 4.81 / 120 | 1244 / 105 | 5.8 | 36.5 | 5.14% / 120 | 16.1" / 103 | .45" / 105 |
| EPDs | | | | | Ultrasound EPDs | | | Feed Eff |
| CED / BW | WW | Milk / CEM | YW | Scr | %IMF | REA | Fat | RFI / F:G |
| 10 / -.5 | +43 | +24 / 6 | +83 | -0.08 | +.17 | +.58 | -.009 | -0.58 / 4.49 |
| .24 / .35 | 0.28 | .08 / .07 | 0.15 | 0.08 | 0.16 | 0.17 | 0.17 | na / 122 |

Best Bred Bull in 2008 Test

Feed Efficiency: 4.49 Feed Efficiency Ratio: 122

Residual Feed Intake: -0.58

Concentrated Genetics Work!

Read On....

His Sire, 4333

2nd in 2005 Test

5.18 Feed Efficiency / Ratio 107

Residual Feed Intake: -2.50

RFI EPD: -1.71

His Paternal Grandsire, 4 Point 8 of Ironwood

1st in 2002 Test

4.81 Feed Efficiency / Ratio 123

Residual Feed Intake: -2.61

RFI EPD: -1.68

His Maternal Grandsire, 0350

1st in 2001 Test

5.18 Feed Efficiency / Ratio 136

Residual Feed Intake: -1.33

RFI EPD: -.91

Maternal Great Grandsire, 701

1st in 1998 Test

5.84 Feed Efficiency / Ratio 113

Residual Feed Intake: -.70

A 10.6% Inbred Ironwood bull stacked for feed efficiency.

Ironwood 4P8 701 7366 (15765046)

Sire: 4 Point 8 of Ironwood (13850307)
PGS: Ironwood New Level (13320150)
MGS: Ironwood New Design 022 701 (12919627)
MGGS: Ironwood Cristo 5204 6370 (12654974)

| Individual Performance | | | | | | Ultrasound Data | | |
|------------------------|------------|-------------|------------|-------|-----------------|-----------------|-------------|-------------|
| BW / Ratio | WW / Ratio | ADG / Ratio | YW / Ratio | Frame | Scrotal | %IMF / Ratio | REA / Ratio | FAT / Ratio |
| 86 / 100 | 702 / 110 | 3.98 / 96 | 1262 / 104 | 6.5 | 39 | 6.09% / 122 | 14.0" / 91 | .77" / 160 |
| EPDs | | | | | Ultrasound EPDs | | | Feed Eff |
| CED / BW | WW | Milk / CEM | YW | Scr | %IMF | REA | Fat | RFI / F:G |
| 10 / -.3 | +46 | +21 / 6 | +74 | 0.09 | +.27 | +.14 | 0.03 | -.52 / 5.53 |
| .28 / .38 | 0.31 | .23 / .15 | 0.33 | 0.19 | 0.31 | 0.31 | 0.31 | na / 99 |

Stacked Pedigree for Feed Efficiency in 2008 Test

Feed Efficiency: 5.49 Feed Efficiency Ratio: 99

Residual Feed Intake: -0.52

His Sire, 4 Point 8 of Ironwood

1st in 2002 Test

4.81 Feed Efficiency / Ratio 123

Residual Feed Intake: -2.61

RFI EPD: -1.68

His Paternal Grandsire, New Level

1st in 2000 Test

5.02 Feed Efficiency / Ratio 128

Residual Feed Intake: -2.20

RFI EPD: -.75

His Maternal Grandsire, 701

1st in 1998 Test

5.84 Feed Efficiency / Ratio 113

Residual Feed Intake: -.70

His Maternal Great Grandsire, 6370

Feed Efficiency Ratio 119