Nichols Farms
Private Treaty Bull Sale
67 Years of Superior Beef Genetics 3-15-21

“Large or small, old or new - Nichols customers are our friends, and can expect the same level of performance and service from our stock and our team. And you will have the benefit of being a part of the Nichols family.”

Come and take a look at some of the best bulls in the beef industry. —dave nichols

Fall Yearling Angus
Angus  NICHOLS EXTRA G488 #19776628
ID  G488  birth date 8/28/19

Individual Performance:

<table>
<thead>
<tr>
<th>BW</th>
<th>205</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADG</td>
<td>3.24</td>
</tr>
<tr>
<td>Yrl</td>
<td>1107</td>
</tr>
<tr>
<td>Frame</td>
<td>6</td>
</tr>
</tbody>
</table>

Expected Progeny Differences: EPDs

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>MM</th>
<th>YW</th>
<th>RADG</th>
<th>CEM</th>
<th>DOC</th>
<th>SCR</th>
</tr>
</thead>
<tbody>
<tr>
<td>+0</td>
<td>+5.0</td>
<td>+73</td>
<td>+18</td>
<td>+128</td>
<td>0.27</td>
<td>+5</td>
<td>+32</td>
<td>+1.0</td>
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</tbody>
</table>

Rank of G488 Economic Relative Traits (ERTs) annual $ per head

<table>
<thead>
<tr>
<th>$Maternal</th>
<th>$Wean</th>
<th>$Feedlot</th>
<th>$Beef</th>
<th>$Combined</th>
</tr>
</thead>
<tbody>
<tr>
<td>$67</td>
<td>$57</td>
<td>$105</td>
<td>$139</td>
<td>$247</td>
</tr>
<tr>
<td>30%</td>
<td>50%</td>
<td>10%</td>
<td>35%</td>
<td>25%</td>
</tr>
</tbody>
</table>

$67  $57  $105  $139  $247

K C F BENNETT SOUTHSIDE
NICHOLS EXTRA D182
NICHOLS MISS BARBARA Y2
ASF QUIET LAD 3856
NICHOLS BLACKCAP 722
NICHOLS BLACKCAP A420

Nichols Final Answer Y34 is a MEAT WAGON who is tolerant to Fescue. His Epds are in the top 10% for CED, WW, Doc, SW, SM and SC. He is a rare combination of calving ease, growth, and SM.
Regardless of herd size, “Team Nichols” always stands ready to help their customers adopt a simple breeding plan, and will suggest bulls that will get the job done. Plus Ross will notify selected feedlots when their calves sell.

Justin Dammann visits with Ross Havens about cross-breeding plans that will maximize heterosis and increase profit in his herd, which is located near Essex, Iowa. He has purchased 56 herd bulls from Nichols Farms the past six years.
Glossary of Items on Nichols Bulls...

**Breed**: Angus, Simmental, SX and DX Composites.

**Brand/Tag**: Ear Tag, Brand, Tattoo & Name are the same.

**Color**: B—Black, BWF—Black-baldy, (may have other white)

**Horn/Poll**: P — Smooth Polled, S is Polled with scurs

**Birth Date**: Birthday of animal.

**Birth Wt.**: Actual birth weight.

205 *Adj* : Weaning weight adjusted to 205 days of age

205 *Ratio*: An within-herd index of a calf’s weaning weight

**Cum ADG**: Average Daily Gain for the entire feedlot period computed from actual weaning weight to yearling weight

**EPDs**: Expected Progeny Differences are estimates based on the data of the individual animal and his relatives in all the different herds across the breed’s population. EPD’s figures are in actual pounds, plus (+) or minus (-) for each trait. Those below would be minus (-) and those above average would be plus (+).

You can expect these differences in the actual weight of your bull’s calves. EPDs predict the transmitting ability of each bull when compared with the many thousands of bulls in each breed.

**EPD Note**: You can compare the purebred Nichols Angus, purebred South Devons and South Devon Hybrids because their base point has been adjusted to the Angus base. You can not compare EPD’s between Nichols pure-bred Simments, pure bred Angus and Nichols Composites. Nichols pure-bred Simments and Simmental Hybrids are on the Simmental base.

**Color**: hom is homozygous black, het is heterozygous red carrier

**Carcass EPDs**: Marbling: Intramuscular fat in the rib eye determines USDA quality grade. Prime, CAB, Choice, or Select

**BF**: Back fat thickness in inches measured on the rib eye.

**REA**: Rib eye area in square inches measured at the 13th rib.

**Calving Ease**: Suitable to breed “heifers” or “cows”

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**Genomic Tested Trait = Progeny Equivalents**

<table>
<thead>
<tr>
<th>Genomic Tested Trait</th>
<th>Progeny Equivalents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calving Ease Direct</td>
<td>28</td>
</tr>
<tr>
<td>Birth Weight</td>
<td>21</td>
</tr>
<tr>
<td>Weaning Weight</td>
<td>28</td>
</tr>
<tr>
<td>Yearling Weight</td>
<td>11</td>
</tr>
<tr>
<td>Docility</td>
<td>10</td>
</tr>
<tr>
<td>Heifer Pregnancy</td>
<td>14</td>
</tr>
<tr>
<td>Calving Ease Maternal</td>
<td>18</td>
</tr>
<tr>
<td>Carcass Marbling</td>
<td>9</td>
</tr>
<tr>
<td>Carcass Ribeye area</td>
<td>12</td>
</tr>
</tbody>
</table>

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- **Angus $$ Value EPDs -**

  - **Weaning Value ($W)** calculates a $ per head difference in expected progeny differences for weaning weight compared to progeny of other Angus sires.

  - **Feedlot Value ($F)** calculates a $ per head difference in expected progeny differences for feedlot performance.

  - **Grid Value ($G)** combines quality grade and yield grade and is calculated for animals with carcass EPDs.

  - **Beef Value ($B)** is comprised of: Feedlot Value ($F), Grid Value ($G), and carcass wt. discounts.

  - **Total Value ($TV)** combines $Weaning ($W) and $Beef ($B) values compared to progeny of other Angus Sires. Similar to Simmental $API

- **Simmental $$ Value EPDs -**

  - **All-Purpose Index (API)** calculates a $ per head difference in the progeny of sires that are used on an entire cow herd with their daughters required to maintain herd size retained and the remaining heifers and steers put on feed and sold grade and yield.

  - **Terminal Index (T1)** calculates a $ per head difference in the progeny of sires for use on mature cows with all offspring put on feed and sold grade and yield. Consequently maternal traits such as milk, stability, and maternal calving ease are not in the index. Similar to Angus $B.

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**Sale Terms and Conditions - 2020**

Bulls will be semen checked prior to pick up or delivery.

Nichols Farms offers death and loss of use warranty on their sale bulls. This warranty must be purchased at time of sale.

Bulls are guaranteed to service cows. Any bull that settles healthy cows by natural service or passes a fertility test made by a certified veterinarian mutually agreed upon by Nichols Farms and buyer shall be considered a breeder.

The following exceptions apply to all breeding animals sold by Nichols Farms.

- Animals put in service or bred at less than 12 months of age.
- Injury or disease to the animal occurring after the sale.
- Gross negligence or misconduct on the part of the buyer.

Nichols Farms

Superior Beef Genetics

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**Ross cell**: 641-745-5241  **www.nicholsfarms.biz**