Increasing the value of your 2021 calf crop: using the Dairy Beef Index

Siobhán Ring
23rd April 2020
Increasing value of 2021 calves

- Mate best stock to high EBI dairy AI
  - Heifers tend to be most elite, so mate to dairy AI, not beef bull

- Mate inferior stock to high DRI beef

<table>
<thead>
<tr>
<th></th>
<th>Top 1%</th>
<th>Top 5%</th>
<th>Top 10%</th>
<th>Top 25%</th>
<th>Ave.</th>
<th>Btm 25%</th>
<th>Btm 10%</th>
<th>Btm 5%</th>
<th>Btm 1%</th>
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<tbody>
<tr>
<td>2020 Heifers</td>
<td>€270</td>
<td>€239</td>
<td>€226</td>
<td>€206</td>
<td>€180</td>
<td>€145</td>
<td>€102</td>
<td>€74</td>
<td>€18</td>
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<tr>
<td>2019 Heifers</td>
<td>€245</td>
<td>€218</td>
<td>€208</td>
<td>€185</td>
<td>€152</td>
<td>€121</td>
<td>€98</td>
<td>€49</td>
<td>€12</td>
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<tr>
<td>Cows EBI</td>
<td>€224</td>
<td>€194</td>
<td>€182</td>
<td>€162</td>
<td>€132</td>
<td>€104</td>
<td>€80</td>
<td>€47</td>
<td>€-13</td>
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<tr>
<td>Herd EBI</td>
<td>€179</td>
<td>€160</td>
<td>€151</td>
<td>€134</td>
<td>€112</td>
<td>€90</td>
<td>€77</td>
<td>€51</td>
<td>€-21</td>
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<tr>
<td>Herd Milk</td>
<td>€65</td>
<td>€57</td>
<td>€53</td>
<td>€45</td>
<td>€35</td>
<td>€22</td>
<td>€7</td>
<td>€-1</td>
<td>€-17</td>
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<tr>
<td>Herd Fertility</td>
<td>€87</td>
<td>€73</td>
<td>€68</td>
<td>€61</td>
<td>€51</td>
<td>€39</td>
<td>€16</td>
<td>€-6</td>
<td>€-44</td>
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</tbody>
</table>

Maidens €44 EBI ahead of cows

Top 10 Cows on EBI

Bottom 10 Cows on EBI
Bull focus
- Supplies what the market demands:
  - Easy calving
  - Short gestation
  - Carcass merit??

Cow focus
- Return to parlour
- Get back in-calf
- Move calf off farm ASAP
- Get some value from calf

Calf focus
- Cheap, healthy calf
- Good conformation
- Must generate return for investment
The Dairy Beef Index

• Breeding goal
• Like to EBI, but for breeding beef calves from the dairy herd
• 50:50 split on desirable dairy : beef traits
My Dad has a Dairy Beef Index of...

Expect €80 additional revenue from me, through a combination of calving and beef merit benefits (not all at sale)
Accessing The Dairy Beef Index

www.icbf.com

1. Animal Search
2. Stockbull Finder
3. Join HerdPlus
4. Active Bull Lists

Sales Catalogue

Dairy-Beef Index and Key Profit Traits

<table>
<thead>
<tr>
<th>Evaluation Date: Mar 2020</th>
<th>Next Evaluation Date: 26-May-2020</th>
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<tbody>
<tr>
<td>Dairy Beef Index</td>
<td>$44.43</td>
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<tr>
<td>Calving Beef Value SI</td>
<td>-$28.89</td>
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<tr>
<td>Beef Value SI</td>
<td>$50.19</td>
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<tr>
<td>Gestation</td>
<td>+2.64 days</td>
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<tr>
<td>Dairy Cow CDiff</td>
<td>5.67</td>
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<tr>
<td>Dairy Heifer CDiff</td>
<td>11.97</td>
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<tr>
<td>Carcass Weight</td>
<td>16.39kg</td>
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<tr>
<td>Carcass Conf</td>
<td>1.4</td>
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</table>

Lot 3

ALLOWDALE PHARALIS
IE151225390616

Breed: Hereford
Birthdate: 28-Sep-2015
 sire: OGM (Gageboro Morgan), Sire Verified (SNP)
Dam: IE151225390616 (Allowdale Precision 165), Dam Verified (SNP)

Dairy Beef Index: -$21.81
Calving Value SI: -$28.89
Beef Value SI: $50.19
Gestation: +1 days
Dairy Cow CDiff: 5.67
Risk of Dairy Heifer CDiff: High
Dairy Heifer CDiff: +12.71
Carcass Weight: 16.39kg
Carcass Conformation: 1.4

Additional Information

AgTech – it’s in our DNA
Buying a Bull?
Check him out on the Animal Search First

AgTech – it’s in our DNA
New Calving Difficulty Scale

Most calving records from this bull came from the beef herd – Until now, figures didn’t reflect that.

If you haven’t received your ready reckoner call HerdPlus: 023 882 0452

AgTech – it’s in our DNA

Dairy Cow
- PTA: 2.9%
- Reliability: 52%

Dairy Heifer
- PTA: 8.7%
- Reliability: 20%

PTA: 2.1%
Reliability: 98%
Take Home Messages

- Mate best stock to high EBI dairy AI – mate heifers to dairy
- Mate inferior stock to high DBI beef
- High DBI bulls return more revenue
- Buying a bull?
  - Check him out on the animal search first

- Key traits to look for:
  - High Dairy Beef Index € value to maximize overall profitability
  - Calving difficulty
  - Gestation
  - Carcass merit
# Dairy Beef Index Active Bull List (23rd April 2020)

Bulls with >= 100 dairy calving records are included

<table>
<thead>
<tr>
<th>Rank</th>
<th>Code</th>
<th>Name</th>
<th>Breed</th>
<th>Dairy Beef Index (DBI) Summary</th>
<th>Calving Value Traits</th>
<th>Beef Value Traits</th>
<th>Progeny Records</th>
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<td>1</td>
<td>AU4460</td>
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<td>ULSAN</td>
<td>SA</td>
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<td>45</td>
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<td>LM2014</td>
<td>EWENDENVALE IVOR</td>
<td>LM</td>
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<td>SFL</td>
<td>DU STORDEUR FLANEUR</td>
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<td>ODY</td>
<td>ORME DE SOMME</td>
<td>BB</td>
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<td>7</td>
<td>AZL</td>
<td>ROSS ALO (ET)</td>
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<td>BZC</td>
<td>BOHERARD CIAN (ET)</td>
<td>BB</td>
<td>117</td>
<td>91</td>
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<td>10</td>
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<td>NEWPOLE CHALKY WHITE ET</td>
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<td>82</td>
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