CANADIAN ANGUS ASSOCIATION

Performance Endorsement

Curtis Harbinson
PO Box 1555
Brook, Alberta

Feeder Calf Index: 139

Index Breed Average: 104

MEMBER ID: 5279682
DATE OF ISSUE: Sept. 12th 2019
YEAR RANGE: 2015-2018
NUMBER OF BULLS: 19

Average Bull Battery EPDs

Trait	Birth Weight	Weaning Weight	Yearling Weight	Milk	Scrotal Circ.	Direct Calving Ease	Maternal Calving Ease	Rib Eye Area	Carcass Weight	Marbling	Fat
Producer Percentile Ranking	**65**	**10**	**10**	**30**	**45**	**60**	**45**	**60**	**15**	**10**	**65**
Producer Average EPDs	**2.9**	**59**	**106**	**23**	**0.76**	**2.3**	**7.5**	**0.36**	**45**	**0.61**	**0.021**
Breed Average EPDs	2.2	46	80	21	0.71	3.2	7.0	0.41	33	0.35	0.014

Canadian Angus
Commercial Angus Identification & Performance Program

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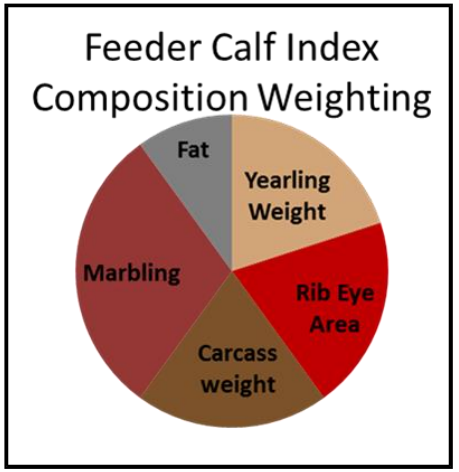
GENETIC EVALUATION – DEFINITIONS



Feeder Calf Index — A weighted combination EPD of economically relevant traits for feeder calves

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Milk EPD — in lbs of calf weaning weight, predicts milking ability in daughters. The higher the EPD, the more weaning pounds a sire's daughters will add to her calves through milk.

Scrotal Circumference EPD — in cm, predicts average bull calf scrotal circumference and calf age to puberty.

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Fat EPD —in inches, predicts average differences in calf back fat thickness at the 12th rib.

CANADIAN ANGUS ASSOCIATION PH: 403-571-3580 or Toll Free 1-888-571-3580
292140 Wagon Wheel Blvd, Rocky View County, AB, Canada T4A 0E2

CANADIAN ANGUS ASSOCIATION

Performance Endorsement

Del, Murray & Jason Giles
PO Box 862
Brooks, Alberta

Feeder Calf Index: 145

Index Breed Average: 104

MEMBER ID: 5274138
DATE OF ISSUE: Sept. 12th 2019
YEAR RANGE: 2015-2018
NUMBER OF BULLS: 20

Average Bull Battery EPDs

Trait	Birth Weight	Weaning Weight	Yearling Weight	Milk	Scrotal Circ.	Direct Calving Ease	Maternal Calving Ease	Rib Eye Area	Carcass Weight	Marbling	Fat
Producer Percentile Ranking	**55**	**10**	**10**	**10**	**55**	**35**	**30**	**30**	**20**	**15**	**25**
Producer Average EPDs	**2.3**	**60**	**108**	**26**	**0.68**	**5.0**	**8.9**	**0.52**	**42**	**0.59**	**0.001**
Breed Average EPDs	2.2	46	80	21	0.71	3.2	7.0	0.41	33	0.35	0.014

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Commercial Angus Identification & Performance Program

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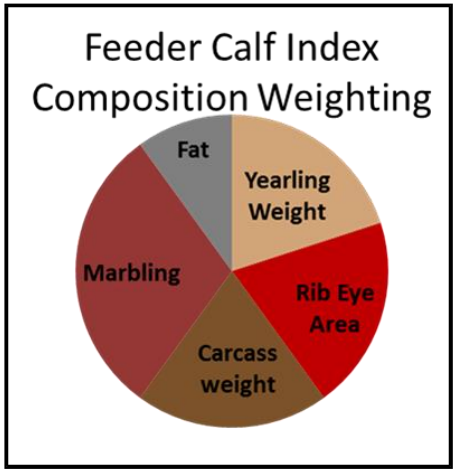
GENETIC EVALUATION – DEFINITIONS



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Fat EPD —in inches, predicts average differences in calf back fat thickness at the 12th rib.

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292140 Wagon Wheel Blvd, Rocky View County, AB, Canada T4A 0E2

CANADIAN ANGUS ASSOCIATION

Performance Endorsement

Niznik Brothers
PO Box 337
Brooks, Alberta

Feeder Calf Index: 142

Index Breed Average: 104

MEMBER ID: 5237275
DATE OF ISSUE: Sept. 12th 2019
YEAR RANGE: 2015-2018
NUMBER OF BULLS: 28

Average Bull Battery EPDs

Trait	Birth Weight	Weaning Weight	Yearling Weight	Milk	Scrotal Circ.	Direct Calving Ease	Maternal Calving Ease	Rib Eye Area	Carcass Weight	Marbling	Fat
Producer Percentile Ranking	**60**	**15**	**15**	**30**	**40**	**40**	**30**	**35**	**25**	**10**	**45**
Producer Average EPDs	**2.6**	**58**	**102**	**23**	**0.81**	**4.5**	**8.7**	**0.47**	**41**	**0.63**	**0.012**
Breed Average EPDs	2.2	46	80	21	0.71	3.2	7.0	0.41	33	0.35	0.014

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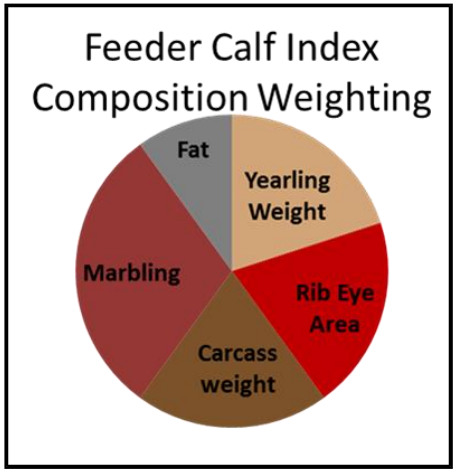
GENETIC EVALUATION – DEFINITIONS



Feeder Calf Index — A weighted combination EPD of economically relevant traits for feeder calves

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292140 Wagon Wheel Blvd, Rocky View County, AB, Canada T4A 0E2

CANADIAN ANGUS ASSOCIATION

Performance Endorsement

Scott McPherson
PO Box 6
Big Stone, Alberta

Feeder Calf Index: 131

Index Breed Average: 104

MEMBER ID: 5249937
DATE OF ISSUE: Sept. 12th 2019
YEAR RANGE: 2015-2018
NUMBER OF BULLS: 6

Average Bull Battery EPDs

Trait	Birth Weight	Weaning Weight	Yearling Weight	Milk	Scrotal Circ.	Direct Calving Ease	Maternal Calving Ease	Rib Eye Area	Carcass Weight	Marbling	Fat
Producer Percentile Ranking	**20**	**20**	**15**	**20**	**80**	**5**	**15**	**45**	**50**	**5**	**75**
Producer Average EPDs	**0.07**	**54**	**101**	**24**	**0.38**	**10.8**	**10.3**	**0.42**	**33**	**0.90**	**0.026**
Breed Average EPDs	2.2	46	80	21	0.72	3.2	7.0	0.41	33	0.36	0.014

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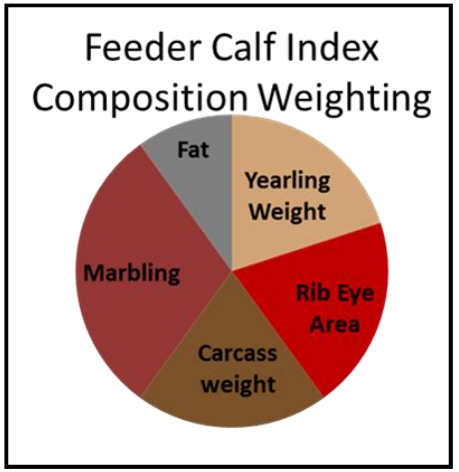
GENETIC EVALUATION – DEFINITIONS



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CANADIAN ANGUS ASSOCIATION

Performance Endorsement

Tolkerson
PO Box 86
Tilley, Alberta

Feeder Calf Index: 116

Index Breed Average: 104

MEMBER ID: 5249937
DATE OF ISSUE: Sept. 12th 2019
YEAR RANGE: 2015-2018
NUMBER OF BULLS: 9

Average Bull Battery EPDs

Trait	Birth Weight	Weaning Weight	Yearling Weight	Milk	Scrotal Circ.	Calving Ease Direct	Calving Ease Maternal	Rib Eye Area	Carcass Weight	Marbling	Fat
Producer Percentile Ranking	**85**	**10**	**10**	**40**	**65**	**75**	**45**	**50**	**20**	**10**	**45**
Producer Average EPDs	**3.9**	**59**	**108**	**22**	**0.58**	**0.4**	**7.4**	**0.40**	**42**	**0.65**	**0.012**
Breed Average EPDs	2.2	46	80	21	0.71	3.2	7.0	0.41	33	0.35	0.014

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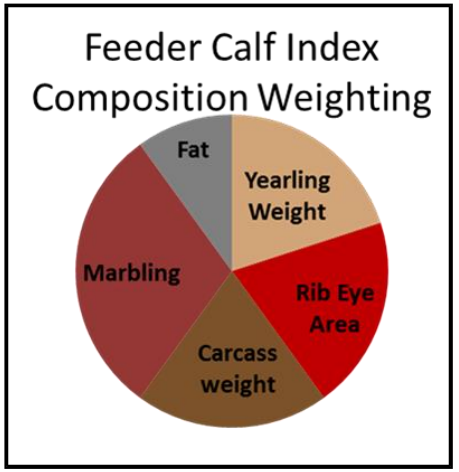
GENETIC EVALUATION – DEFINITIONS



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CANADIAN ANGUS ASSOCIATION

Performance Endorsement

Randy Hitchcock
PO Box 84
Brooks, Alberta

Feeder Calf Index: 99

Index Breed Average: 104

MEMBER ID: 5249937
DATE OF ISSUE: Sept. 12th 2019
YEAR RANGE: 2015-2018
NUMBER OF BULLS: 9

Average Bull Battery EPDs

Trait	Birth Weight	Weaning Weight	Yearling Weight	Milk	Scrotal Circ.	Direct Calving Ease	Maternal Calving Ease	Rib Eye Area	Carcass Weight	Marbling	Fat
Producer Percentile Ranking	**35**	**35**	**35**	**40**	**10**	**30**	**40**	**60**	**50**	**55**	**40**
Producer Average EPDs	**1.6**	**51**	**87**	**22**	**1.2**	**5.9**	**7.8**	**0.35**	**32**	**0.30**	**0.010**
Breed Average EPDs	2.2	46	80	21	0.71	3.2	7.0	0.41	33	0.35	0.014

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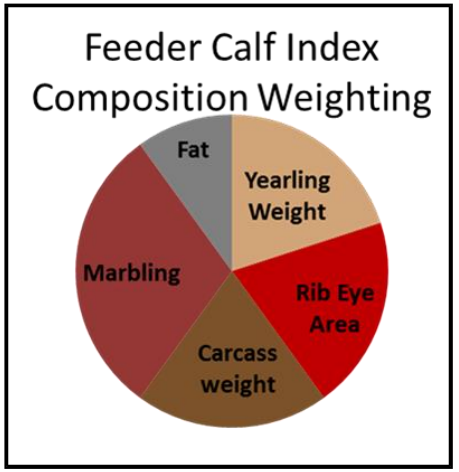
GENETIC EVALUATION – DEFINITIONS



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CANADIAN ANGUS ASSOCIATION

Performance Endorsement

Roy Hall
PO Box 442
Stavely, Alberta

Feeder Calf Index: 146

Index Breed Average: 104

MEMBER ID: 5232168
DATE OF ISSUE: Sept. 12th 2019
YEAR RANGE: 2015-2018
NUMBER OF BULLS: 12

Average Bull Battery EPDs

Trait	Birth Weight	Weaning Weight	Yearling Weight	Milk	Scrotal Circ.	Direct Calving Ease	Maternal Calving Ease	Rib Eye Area	Carcass Weight	Marbling	Fat
Producer Percentile Ranking	**65**	**15**	**15**	**50**	**25**	**45**	**30**	**30**	**20**	**10**	**50**
Producer Average EPDs	**2.8**	**57**	**100**	**21**	**0.99**	**4.0**	**8.8**	**0.51**	**43**	**0.66**	**0.014**
Breed Average EPDs	2.2	46	80	21	0.71	3.2	7.0	0.41	33	0.35	0.014

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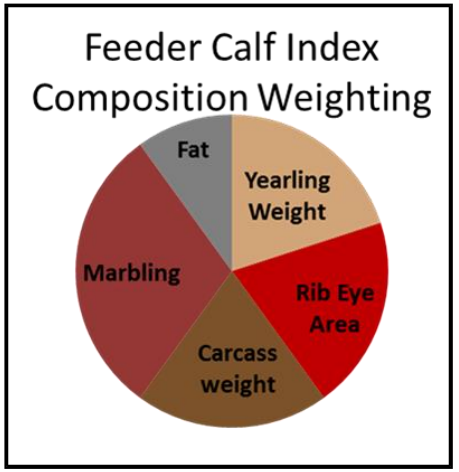
GENETIC EVALUATION – DEFINITIONS



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