

National Western Angus Sale Bulls - January 10, 2018

EPDs As Of: 1/5/2018

Lot # CED BW WW YW RADG SC DOC CEM Milk CWt Marb RE \$W / \$B

Class 1 - Spring Calves

1 Greens Cowboy's Kind 7199	DOB: 4/1/2017	Rump Fat: 0.32	Rib Fat: 0.32	Sc: 34.0	Weight: _____	WDA: _____	Reg #: 18873656
+4 +2.9 +80	+138 +28	+66 +16	+3 +19	+65 +18	+62	+68.27	
.34 .53 .46	.35 .21	.39 .31	.25 .27	.38 .33	.33	+156.44	
Owner(s): Savannah Marie Green	Hardin, MT						
2 Dal Porto Notebook	DOB: 3/26/2017	Rump Fat: 0.20	Rib Fat: 0.30	Sc: 33.0	Weight: _____	WDA: _____	Reg #: 18908312
+5 +2.8 +68	+114 +27	+04 +17	+9 +15	+45 +49	+50	+51.55	
.32 .49 .43	.36 .24	.38 .33	.26 .29	.38 .34	.34	+139.43	
Owner(s): David A Dal Porto	Oakley, CA						
3 K Bar D Indeed 103E	DOB: 3/13/2017	Rump Fat: 0.31	Rib Fat: 0.26	Sc: 34.0	Weight: _____	WDA: _____	Reg #: 18887510
+4 +3.2 +76	+138 +34	+86 +26	+7 +31	+77 -14	+1.27	+79.10	
.34 .48 .42	.38 .21	.39 .34	.30 .31	.39 .36	.36	+156.60	
Owner(s): K Bar D	Redmond, OR						
4 CAR Don Rampage 921	DOB: 3/7/2017	Rump Fat: 0.35	Rib Fat: 0.37	Sc: 33.0	Weight: _____	WDA: _____	Reg #: 18863052
+6 +1.4 +64	+120 +28	+32 +1	+8 +23	+48 +52	+91	+65.83	
.36 .53 .46	.39 .28	.42 .36	.31 .31	.41 .37	.36	+152.14	
Owner(s): Zayda Lea Hofing	Coatesville, IN						
5 North Camp Doc Holiday 7305	DOB: 3/5/2017	Rump Fat: 0.29	Rib Fat: 0.23	Sc: 34.0	Weight: _____	WDA: _____	Reg #: 18827534
+11 +1.7 +68	+120 +34	+64 +9	+9 +22	+46 +14	+66	+64.66	
.30 .45 .39	.32 .18	.35 .27	.21 .23	.34 .30	.30	+141.69	
Owner(s): Guy Lewis Laflin	Saint Ignatius, MT						
6 KCJ Discovery E29	DOB: 3/1/2017	Rump Fat: 0.23	Rib Fat: 0.24	Sc: 34.0	Weight: _____	WDA: _____	Reg #: 18865472
+6 +2.1 +72	+136 +24	+1.02 +12	+6 +27	+54 +64	+76	+68.73	
.33 .49 .41	.36 .23	.39 .33	.30 .31	.37 .34	.34	+149.79	
Owner(s): K C J Angus	Platteville, WI						
7 Spring Creeks Acclaim 7049	DOB: 3/1/2017	Rump Fat: 0.37	Rib Fat: 0.35	Sc: 32.0	Weight: _____	WDA: _____	Reg #: 18866428
+13 -1 +67	+125 +31	-.06 +23	+14 +37	+61 +64	+79	+82.74	
.33 .48 .42	.37 .21	.38 .32	.25 .27	.37 .33	.34	+176.88	
Owner(s): Spring Creeks Cattle Co	Wauzeka, WI						

Class 2 - Late Winter Calves

8 Schafers Annuity 723	DOB: 2/27/2017	Rump Fat: 0.30	Rib Fat: 0.17	Sc: 34.0	Weight: _____	WDA: _____	Reg #: 18843534
+3 +3.6 +74	+127 +17	+67 +14	+9 +25	+55 +55	+29	+70.36	
.34 .51 .45	.36 .20	.38 .30	.25 .27	.38 .34	.34	+137.10	
Owner(s): Lizzie Schafer	Owaneco, IL						
9 Sankeys Top Notch 720	DOB: 2/26/2017	Rump Fat: 0.23	Rib Fat: 0.25	Sc: 33.5	Weight: _____	WDA: _____	Reg #: 18813756
+6 +2.4 +66	+105 +28	+71 +15	+12 +30	+58 +36	+75	+70.97	
.35 .54 .47	.37 .23	.40 .33	.27 .29	.39 .34	.34	+164.20	
Owner(s): Chris & Sharon M Sankey	Council Grove, KS						
10 Henning Enforce 7029	DOB: 2/23/2017	Rump Fat: 0.32	Rib Fat: 0.30	Sc: 30.0	Weight: _____	WDA: _____	Reg #: 18811367
+4 +2.4 +67	+113 +30	+1.16 +8	+7 +21	+52 +13	+72	+65.07	
.30 .51 .39	.33 .20	.36 .30	.24 .26	.35 .32	.32	+147.24	
Owner(s): Henning Farms	Janesville, WI						
11 Allstar Regard 703	DOB: 2/18/2017	Rump Fat: 0.35	Rib Fat: 0.30	Sc: 32.0	Weight: _____	WDA: _____	Reg #: 18848697
+5 +2.6 +59	+107 +24	+91 +15	+4 +28	+45 +09	+62	+61.54	
.31 .51 .45	.37 .22	.39 .34	.26 .28	.37 .33	.33	+118.79	
Owner(s): Luke Zimmerman	Camargo, IL						

Lot #	CED	BW	WW	YW	RADG	SC	DOC	CEM	Milk	CWt	Marb	RE	\$W / \$B
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12 RRR-7 Oaks Cold Beer **DOB: 2/12/2017** **Rump Fat: 0.27** **Rib Fat: 0.30** **Sc: 31.0** **Weight:** _____ **WDA:** _____ **Reg #: 18831927**
 +9 +1.2 +72 +123 +.32 +.19 +12 +11 +30 +66 +1.05 +.60 +76.20
 .32 .47 .42 .38 .21 .40 .34 .26 .26 .40 .37 .37 +193.86
 Owner(s): Reverse Rocking R Ranch Maxwell, NM

13 PF Generation 7128 **DOB: 2/5/2017** **Rump Fat: 0.35** **Rib Fat: 0.35** **Sc: 35.0** **Weight:** _____ **WDA:** _____ **Reg #: 18754482**
 +7 +1.6 +65 +110 +.30 -.02 +13 +8 +18 +38 +.93 +.66 +63.01
 .36 .54 .47 .40 .26 .43 .37 .32 .33 .42 .38 .38 +153.79
 Owner(s): Pollard Farms LLC Waukomis, OK

14 Burns Ramp it up 1723 **DOB: 2/2/2017** **Rump Fat: 0.26** **Rib Fat: 0.28** **Sc: 30.0** **Weight:** _____ **WDA:** _____ **Reg #: 18862833**
 +4 +2.6 +74 +119 +.22 +.35 +15 +8 +23 +40 +.71 +.80 +69.99
 .37 .54 .46 .39 .28 .42 .37 .31 .31 .40 .37 .36 +140.83
 Owner(s): Burns Angus Oxford, IA

15 C2 Best Bet **DOB: 2/1/2017** **Rump Fat: 0.37** **Rib Fat: 0.31** **Sc: 34.0** **Weight:** _____ **WDA:** _____ **Reg #: 18821261**
 +2 +2.7 +61 +103 +.28 +.68 +3 +10 +22 +43 +.37 +.54 +59.31
 .31 .49 .43 .35 .20 .36 .30 .26 .28 .36 .31 .32 +139.53
 Owner(s): Cox & Collier Livestock Clinton, TN

Class 3 - Early Winter Calves

16 PVA Cannon Q702 **DOB: 1/31/2017** **Rump Fat: 0.27** **Rib Fat: 0.24** **Sc: 36.0** **Weight:** _____ **WDA:** _____ **Reg #: 18849350**
 +12 +.5 +76 +130 +.36 +.96 +15 +14 +28 +63 +.49 +.80 +85.34
 .36 .50 .45 .40 .28 .41 .38 .31 .32 .40 .37 .37 +183.41
 Owner(s): Pasture View Farm Dunlap, IL

17 Sankeys Yucatan 703 **DOB: 1/29/2017** **Rump Fat: 0.23** **Rib Fat: 0.19** **Sc: 37.0** **Weight:** _____ **WDA:** _____ **Reg #: 18852142**
 +3 +3.1 +62 +116 +.35 +1.62 +8 +6 +22 +51 +.24 +.55 +47.71
 .34 .52 .45 .38 .21 .39 .34 .31 .33 .38 .33 .34 +147.50
 Owner(s): Chris & Sharon M Sankey Council Grove, KS

18 Cherry Knoll Insight 1710 **DOB: 1/29/2017** **Rump Fat: 0.25** **Rib Fat: 0.19** **Sc: 34.0** **Weight:** _____ **WDA:** _____ **Reg #: 18880280**
 +6 +1.4 +52 +94 +.27 -.09 +10 +6 +24 +45 -.09 +1.05 +55.38
 .35 .49 .43 .38 .23 .40 .35 .31 .33 .40 .37 .37 +114.94
 Owner(s): Cherry Knoll Farm Inc West Grove, PA

19 CAR Don Payweight 911 **DOB: 1/22/2017** **Rump Fat: 0.32** **Rib Fat: 0.40** **Sc: 36.0** **Weight:** _____ **WDA:** _____ **Reg #: 18863049**
 +6 +.4 +65 +119 +.17 +.64 +19 +11 +35 +48 +.97 +.82 +79.57
 .37 .54 .44 .39 .30 .42 .37 .32 .33 .41 .38 .38 +150.85
 Owner(s): Donald C Bloom Westville, IN

20 2K Ten X 207 **DOB: 1/17/2017** **Rump Fat: 0.46** **Rib Fat: 0.46** **Sc: 37.0** **Weight:** _____ **WDA:** _____ **Reg #: 18902587**
 +12 -.4 +57 +110 +.25 +1.37 +8 +14 +25 +42 +.77 +.80 +64.27
 .36 .54 .48 .40 .29 .42 .37 .33 .35 .43 .39 .39 +142.54
 Owner(s): Kevin L Retallick Glen Haven, WI

21 Schafers Winning Ticket 7041 **DOB: 1/12/2017** **Rump Fat: 0.39** **Rib Fat: 0.26** **Sc: 26.0** **Weight:** _____ **WDA:** _____ **Reg #: 18843507**
 -1 +3.2 +63 +105 +.20 -.39 -2 +5 +20 +42 +.53 +.40 +53.38
 .33 .51 .45 .37 .20 .39 .33 .25 .27 .37 .33 .33 +130.17
 Owner(s): Eric M Schaffer Owaneco, IL

22 OSU Denver 7132 **DOB: 1/8/2017** **Rump Fat: 0.50** **Rib Fat: 0.37** **Sc: 35.0** **Weight:** _____ **WDA:** _____ **Reg #: 18723242**
 +13 +1.9 +75 +121 +.20 +.47 +17 +17 +22 +42 +.38 +.78 +77.58
 .37 .53 .46 .39 .25 .40 .35 .32 .33 .40 .36 .36 +130.17
 Owner(s): Oklahoma State University Stillwater, OK

Class 4 - Senior Calf Division 1

24 Marda Quiet Riot 764 **DOB: 12/20/2016 Rump Fat: 0.28 Rib Fat: 0.30 Sc: 40.0 Weight: _____ WDA: _____ Reg #: 18805795**
 +12 +1.5 +75 +134 +.42 +1.29 +12 +10 +14 +58 +.18 +.94 +58.57
 .35 .54 .47 .43 .28 .41 .36 .31 .31 .41 .38 .38 +166.09
 Owner(s): Marda Angus Farm Lodi, WI

25 Dreamy 280 Sunrise 642 **DOB: 11/18/2016 Rump Fat: 0.30 Rib Fat: 0.23 Sc: 34.0 Weight: _____ WDA: _____ Reg #: 18822719**
 +8 +2.0 +60 +101 +.22 +.09 +4 +2 +20 +42 +1.02 +.48 +57.32
 .35 .49 .44 .39 .24 .43 .36 .31 .33 .41 .38 .38 +146.84
 Owner(s): Dreamy 280 Cattle Co Blue Mounds, WI

26 Jensen Champion Now 6970 FAF **DOB: 11/14/2016 Rump Fat: 0.39 Rib Fat: 0.42 Sc: 39.0 Weight: _____ WDA: _____ Reg #: 18638295**
 -5 +3.6 +71 +112 +.18 +.81 +19 +0 +14 +41 +.26 +.64 +54.66
 .32 .48 .40 .36 .20 .38 .34 .28 .28 .35 .32 .32 +120.96
 Owner(s): Cale Alan Jensen Plainfield, IA

Class 5 - Senior Calf Division 2

27 Schroeder Ace 106 **DOB: 10/26/2016 Rump Fat: 0.30 Rib Fat: 0.36 Sc: 47.0 Weight: _____ WDA: _____ Reg #: 18791443**
 +4 +3.4 +59 +107 +.22 +1.44 +2 +12 +22 +38 +.34 +.39 +49.35
 .30 .48 .41 .34 .21 .36 .30 .25 .27 .37 .33 .33 +114.40
 Owner(s): Doug & Glenda Schroeder Clarence, IA

28 Welytok Rampageous 6D92 **DOB: 10/15/2016 Rump Fat: 0.25 Rib Fat: 0.30 Sc: 38.0 Weight: _____ WDA: _____ Reg #: 18571728**
 +13 -.9 +75 +133 +.26 +.66 -2 +12 +27 +49 +.89 +1.15 +83.88
 .34 .53 .47 .42 .28 .41 .37 .30 .30 .41 .37 .37 +163.69
 Owner(s): Mark D Welytok Canastota, NY

29 Bubs Southern Joe 6740 **DOB: 10/13/2016 Rump Fat: 0.34 Rib Fat: 0.29 Sc: 39.0 Weight: _____ WDA: _____ Reg #: 18725874**
 +10 +.5 +68 +118 +.25 +1.61 +15 +10 +31 +49 +.81 +.44 +75.62
 .30 .50 .43 .38 .18 .43 .40 .23 .26 .36 .30 .31 +157.15
 Owner(s): Bub Ranch Koshkonong, MO

30 Welytok Black Rambo 6D87 **DOB: 10/5/2016 Rump Fat: 0.39 Rib Fat: 0.33 Sc: 40.0 Weight: _____ WDA: _____ Reg #: 18563778**
 +7 +2.3 +93 +157 +.29 +1.07 +11 +11 +21 +73 +1.00 +1.16 +83.36
 .34 .52 .46 .42 .27 .40 .36 .29 .29 .40 .37 .37 +198.96
 Owner(s): Mark D Welytok Canastota, NY

31X McCoy First Class 6657-4756 **DOB: 9/7/2016 Rump Fat: 0.00 Rib Fat: 0.00 Sc: 37.0 Weight: _____ WDA: _____ Reg #: 18761758**
 +2 +2.4 +66 +106 +.27 +.64 +21 +7 +17 +52 +.07 +.82 +57.72
 .33 .46 .40 .36 .21 .39 .34 .30 .31 .38 .35 .35 +138.34
 Owner(s): Katelyn M Mc Coy La Grande, OR

- McCoy First Class 109-6119
- Dameron First Class
- Dameron Northern Miss 3114
- AAA *16175085
- AAA 14489054
- AAA *16988164
- Exar Lutton 1831
- Exar Elite Rito 6119 CJ
- Womacks Elite Rito 1158
- Northern Improvement 4480 GF
- Exar Lutton 1831
- Exar Saras Dream 9809
- AAA #14035047
- AAA +15450181
- AAA +13092002
- AAA #+13054003
- AAA #14035047
- AAA 13383188
- AAA +15388114
- Twin Valley Precision E161 [RDF]
- Twin Eagles Blackbird 174K
- AAA 13785910
- Summitcrest Blackbird F161
- AAA 12638978
- # Pathfinder + Embryo Transplant * Parents Qualified

Class 6 - Intermediate Bulls

32 Marda Lone Oak Uncontested **DOB: 8/22/2016** **Rump Fat: 0.51** **Rib Fat: 0.40** **Sc: 40.0** **Weight: _____** **WDA: _____** **Reg #: 18721195**
 +3 +2.1 +68 +110 +.11 +1.87 +16 +8 +22 +47 +.26 +.20 +70.32
 .36 .50 .46 .40 .26 .42 .37 .33 .34 .40 .36 .36 +105.60
 Owner(s): Marda Angus Farm Lodi, WI

33 Dreamy 280 Discovery 634 **DOB: 8/7/2016** **Rump Fat: 0.32** **Rib Fat: 0.29** **Sc: 38.0** **Weight: _____** **WDA: _____** **Reg #: 18822805**
 +4 +2.3 +72 +133 +.29 +.78 +5 +7 +18 +54 +1.18 +.48 +63.16
 .37 .55 .49 .42 .28 .46 .39 .34 .36 .43 .39 .39 +169.64
 Owner(s): Dreamy 280 Cattle Co Blue Mounds, WI

34 Curtin Rampage 6423 **DOB: 8/4/2016** **Rump Fat: 0.51** **Rib Fat: 0.42** **Sc: 38.0** **Weight: _____** **WDA: _____** **Reg #: 18766852**
 +12 +.9 +93 +148 +.25 +.71 +7 +11 +27 +64 +.68 +.97 +102.06
 .37 .52 .46 .42 .27 .48 .35 .30 .30 .40 .36 .36 +177.94
 Owner(s): Curtin Land & Cattle Blue Mound, IL

35 Welytok Excelerate 6D80 **DOB: 8/2/2016** **Rump Fat: 0.23** **Rib Fat: 0.40** **Sc: 40.0** **Weight: _____** **WDA: _____** **Reg #: 18511488**
 +12 +.1 +79 +149 +.35 +.99 +24 +15 +38 +70 +1.05 +1.10 +92.20
 .35 .54 .48 .43 .26 .42 .38 .30 .30 .41 .38 .38 +203.31
 Owner(s): Mark D Welytok Canastota, NY

36 Schroeder Final Design1271 **DOB: 7/7/2016** **Rump Fat: 0.53** **Rib Fat: 0.33** **Sc: 42.0** **Weight: _____** **WDA: _____** **Reg #: 18690473**
 +6 +2.3 +61 +113 +.25 +.94 +18 +10 +25 +37 +.68 +.49 +58.61
 .34 .52 .46 .37 .23 .39 .31 .28 .30 .40 .35 .35 +131.13
 Owner(s): Lauren M Schroeder Clarence, IA

Class 7 - Junior Bulls

37 Marda Swagger 6103 **DOB: 2/26/2016** **Rump Fat: 0.39** **Rib Fat: 0.41** **Sc: 39.0** **Weight: _____** **WDA: _____** **Reg #: 18456305**
 +3 +1.8 +78 +126 +.26 +.80 +28 +10 +28 +59 +.09 +.59 +81.09
 .34 .52 .45 .38 .23 .37 .30 .26 .27 .38 .34 .35 +139.10
 Owner(s): Bailey Ardel Quam Lodi, WI

38 McCoy First Class 604 - 090 **DOB: 2/10/2016** **Rump Fat: 0.34** **Rib Fat: 0.27** **Sc: 40.0** **Weight: _____** **WDA: _____** **Reg #: 18505422**
 -2 +3.6 +70 +120 +.25 +.28 +17 +7 +19 +65 +.12 +.67 +51.74
 .29 .47 .41 .35 .20 .36 .30 .24 .27 .36 .32 .32 +147.31
 Owner(s): Katelyn M Mc Coy La Grande, OR

39 Silveiras Insight 6305 **DOB: 2/7/2016** **Rump Fat: 0.57** **Rib Fat: 0.55** **Sc: 41.0** **Weight: _____** **WDA: _____** **Reg #: 18524814**
 +7 +1.7 +55 +94 +.28 +.58 +30 +10 +23 +46 +.01 +.91 +54.69
 .33 .51 .45 .41 .20 .47 .34 .29 .31 .40 .35 .35 +129.01
 Owner(s): Silveira Bros Firebaugh, CA

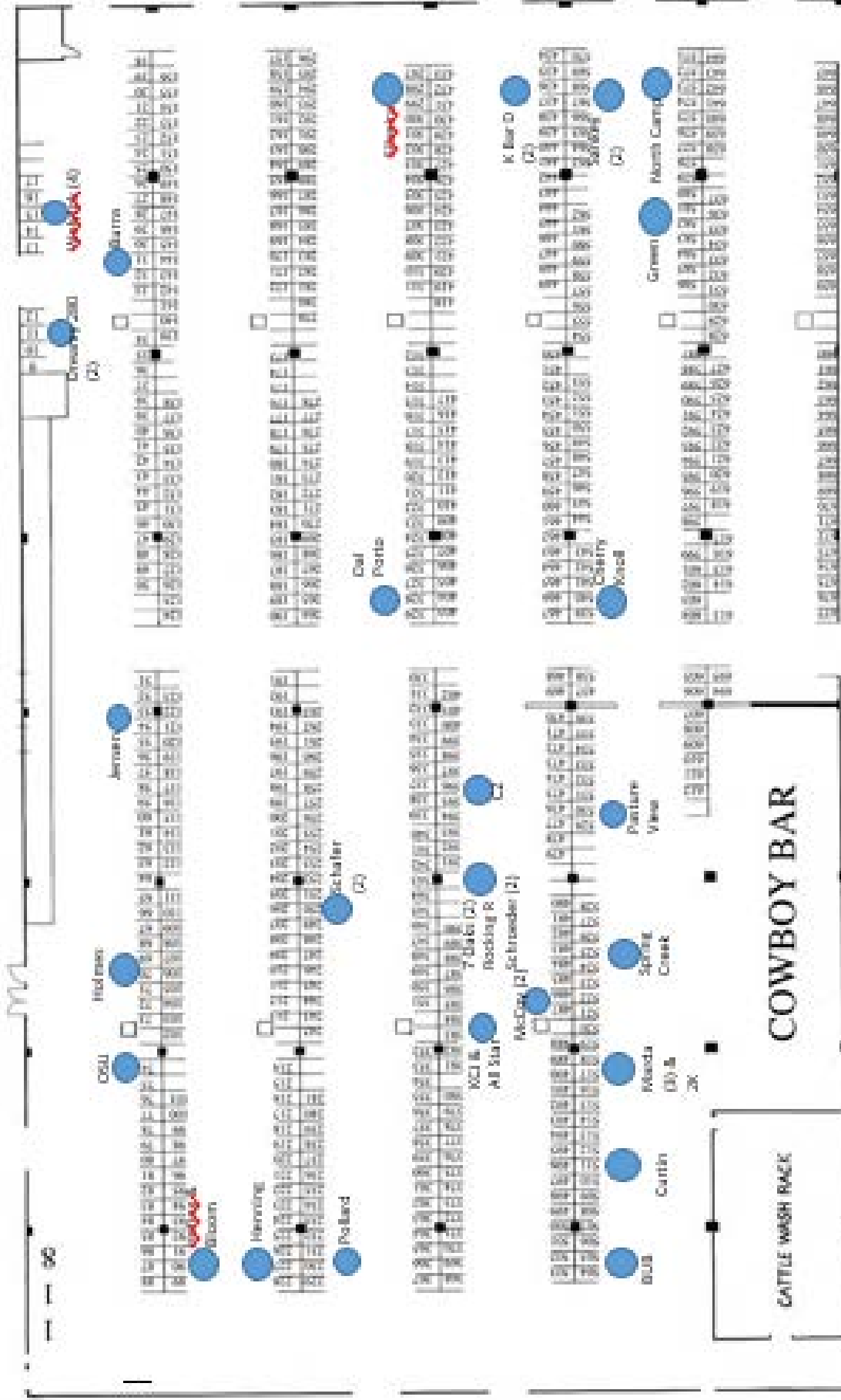
40 HCC 38 Special **DOB: 1/12/2016** **Rump Fat: 0.48** **Rib Fat: 0.60** **Sc: 43.0** **Weight: _____** **WDA: _____** **Reg #: 18482393**
 +7 +.5 +70 +122 +.22 +1.23 +18 +9 +26 +48 +.41 +.68 +74.91
 .36 .54 .48 .43 .24 .42 .38 .28 .30 .41 .37 .37 +140.31
 Owner(s): Katelyn Holmes Benton, IA

Class 8 - Senior Bulls

41 Welytok Knight Watchman 5C27 **DOB: 4/14/2015** **Rump Fat: 0.46** **Rib Fat: 0.44** **Sc: 40.0** **Weight: _____** **WDA: _____** **Reg #: 18099117**
 +14 -.9 +73 +132 +.31 +.16 +24 +15 +22 +64 +.77 +1.06 +71.23
 .38 .56 .49 .42 .25 .41 .37 .30 .30 .41 .37 .37 +185.79
 Owner(s): Mark D Welytok Canastota, NY

Grand Champion Sale Bull

Reserve Grand Champion Sale Bull



NATIONAL WESTERN STOCK SHOW

American Angus Association® Selection Tools

Expected Progeny Difference (EPD), is the prediction of how future progeny of each animal are expected to perform relative to the progeny of other animals listed in the database. EPDs are expressed in units of measure for the trait, plus or minus. Interim EPDs may appear on young animals when their performance has yet to be incorporated into the American Angus Association National Cattle Evaluation (NCE) procedures. This EPD will be preceded by an “I”, and may or may not include the animal’s own performance record for a particular trait, depending on its availability, appropriate contemporary grouping, or data edits needed for NCE.

Accuracy (ACC), is the reliability that can be placed on the EPD. An accuracy of close to 1.0 indicates higher reliability. Accuracy is impacted by the number of progeny and ancestral records included in the analysis.

GROWTH

Calving Ease Direct (CED), is expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers. It predicts the average difference in ease with which a sire’s calves will be born when he is bred to first-calf heifers.

Birth Weight EPD (BW), expressed in pounds, is a predictor of a sire’s ability to transmit birth weight to his progeny compared to that of other sires.

Weaning Weight EPD (WW), expressed in pounds, is a predictor of a sire’s ability to transmit weaning growth to his progeny compared to that of other sires.

Residual Average Daily Gain (RADG), feed efficiency expressed in pounds per day, is a predictor of a sire’s genetic ability for postweaning gain in future progeny compared to that of other sires, given a constant amount of feed consumed.

Yearling Weight EPD (YW), expressed in pounds, is a predictor of a sire’s ability to transmit yearling growth to his progeny compared to that of other sires.

Yearling Height EPD (YH), is a predictor of a sire’s ability to transmit yearling height, expressed in inches, compared to the that of other sires.

Scrotal Circumference EPD (SC), expressed in centimeters, is a predictor of the difference in transmitting ability for scrotal size compared to that of other sires.

Docity (DOC), is expressed as a difference in yearling cattle temperament, with a higher value indicating more favorable docility. It predicts the average difference of progeny from a sire in comparison with another sire’s calves.

MATERNAL

Heifer Pregnancy (HP), is a selection tool to increase the probability or chance of a sire’s daughters becoming pregnant as first-calf heifers during a normal breeding season. A higher EPD is the more favorable direction, and the EPD is reported in percentage units.

Calving Ease Maternal (CEM), is expressed as a difference in percentage of unassisted births with a higher value indicating greater calving ease in first-calf daughters. It predicts the average ease with which a sire’s daughters will calve as first-calf heifers when compared to daughters of other sires.

Maternal Milk EPD (Milk), is a predictor of a sire’s genetic merit for milk and mothering ability as expressed in his daughters compared to daughters of other sires. In other words, it is that part of a calf’s weaning weight attributed to milk and mothering ability.

Mature Weight EPD (MW), expressed in pounds, is a predictor of the difference in mature weight of daughters of a sire compared to the daughters of other sires.

Mature Height EPD (MH), expressed in inches, is a predictor of the difference in mature height of a sire’s daughters compared to daughters of other sires.

Cow Energy Value (\$EN), expressed in dollars savings per cow per year, assesses differences in cow energy requirements as an expected dollar savings difference in daughters of sires. A larger value is more favorable when comparing two animals (more dollars saved on feed energy expenses). Components for computing the cow \$EN savings difference include lactation energy requirements and energy costs associated with differences in mature cow size.

CARCASS

The genetic evaluation produces a single set of EPDs for carcass weight, marbling score, Ribeye area and fat thickness. The units of measure are in carcass trait format and analyzed on an age-constant basis.

Carcass Weight EPD (CW), expressed in pounds is a predictor of the differences in hot carcass weight of a sire’s progeny compared to progeny of other sires.

Marbling EPD (Marb), expressed as a fraction of the difference in USDA marbling score of a sire’s progeny compared to progeny of other sires.

Ribeye Area EPD (RE), expressed in square inches, is a predictor of the difference in ribeye area of a sire’s progeny compared to progeny of other sires.

Fat Thickness EPD (Fat), expressed in inches, is a predictor of the differences in external fat thickness at the 12th rib (as measured between the 12th and 13th ribs) of a sire’s progeny compared to progeny of other sires.

\$VALUE INDEXES

\$Value indexes, are multi-trait selection indexes to assist beef producers by adding simplicity to genetic selection decisions. \$Values are reported in dollars per head, where a higher value is more favorable. The \$Value is an estimate of how future progeny of each sire are expected to perform, on average, compared to progeny of other sires in the database if the sires were randomly mated to cows and if calves were exposed to the same environment.

Weaned Calf Value (\$W), an index 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, weaning direct growth, maternal milk, and mature cow size.

Feedlot Value (\$F), an index value expressed in dollars per head, is the expected average difference in future progeny performance for postweaning merit compared to progeny of other sires.

Grid Value (\$G), an index value expressed in dollars per head, is the expected average difference in future progeny performance for carcass grid merit compared to progeny of other sires.

Quality Grade (\$QG) represents the quality grade segment of the economic advantage found in \$G. \$QG is intended for the specialized user wanting to place more emphasis on improving quality grade. The carcass marbling (Marb) EPD, which is influenced by carcass marbling scores and ultrasound percent intramuscular fat (% IMF) measurements, contribute to \$QG.

Yield Grade (\$YG) \$YG represents the yield grade segment of the economic advantage found in \$G. \$YG is intended for the specialized user wanting to place more emphasis on red meat yield. It provides a multi-trait approach to encompass ribeye, fat thickness and weight into an economic value for red meat yield.

\$G combines both \$QG and \$YG, and may be the best carcass decision tool for focusing on quality and red meat yield simultaneously.

Beef Value (\$B), an index value expressed in dollars per head, is the expected average difference in future progeny performance for postweaning and carcass value compared to progeny of other sires.