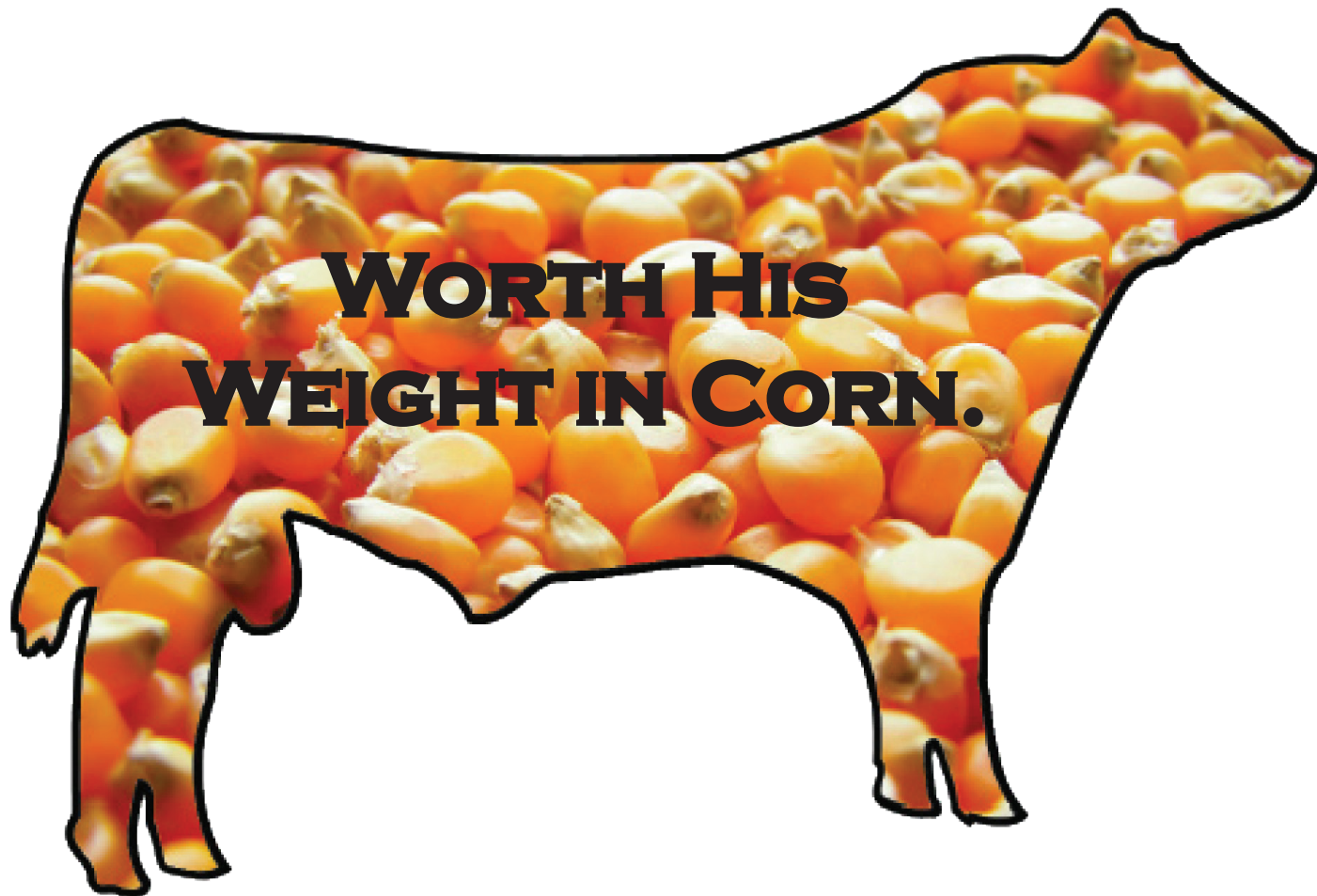


**EVERYONE CLAIMS FEED EFFICIENCY.
WE PROVE IT.**



**UNDERSTANDING TODAY'S EFFICIENCY MEASURE
BULLS FOR THE 21ST CENTURY RFI DATA**

**BULLS FOR THE
21ST
CENTURY**

S**NYDER**
LIVESTOCK COMPANY, INC.



Vytelle

BULLS FOR THE 21ST CENTURY

UNDERSTANDING FEED EFFICIENCY DATA – AN EXPLANATION OF

- ✓ RESIDUAL FEED INTAKE
- ✓ ADJUSTMENT TO FEED BILL
- ✓ EFFICIENCY EPDS

RFI = RESIDUAL FEED INTAKE

- RFI is the difference between actual intake and expected intake.
- Actual intake is measured at Snyder Livestock on *Growsafe*® equipment. We actually know how much each bull eats each day during the 70-day test.
- Animal scientists calculate expected intake for us. It is based upon average size, gain, and consumption for the entire test group.
- Negative numbers are good. A bull with a -3.5 RFI ate 3.5 pounds less each day than we expected – based upon his size and his rate of gain.

ADJUSTMENT TO FEED BILL IN 112 DAY TEST

- RFI numbers are used to calculate an adjustment to the feed bill.
- Adjustment = RFI x Ration Cost x 112 days.
- Example: -3.5 RFI x \$210 per ton x 112 days = -\$41.16
- This means that in 112 days, this bull *did not eat* \$41.16 worth of feed.

EFFICIENCY EPDS

Efficiency EPDs are now available. Negative RFI EPDs predict offspring with lower intake at a given performance level.

Sale Order	Sale Lot	RFI	Feed Bill Adjustment in 112 Days	Test Group RFI Rank	RFI EPD	RFI EPD Accuracy
Angus						
16	2001	-6.24	-\$103.45	3	-0.54	0.27
77	2002	-1.15	-\$19.07	11	-0.09	0.28
60	2003	-0.33	-\$5.47	13	0.84	0.23
31	2004	-7.03	-\$116.55	1	-0.31	0.23
11	2005	-4.56	-\$75.60	4	-0.04	0.26
32	2007	-2.78	-\$46.09	7	0.07	0.23
1	2008	-3.17	-\$52.55	6	-0.01	0.26
69	2009	6.28	\$104.11	26	0.48	0.10
54	2011	2.91	\$48.24	23	0.40	0.23
74	2012	0.68	\$11.27	15	-0.08	0.22
96	2014	1.06	\$17.57	16	0.06	0.23
100	2015	3.04	\$50.40	24	0.22	0.23
34	2017	2.89	\$47.91	22	0.30	0.21
66	2018	-2.43	-\$40.29	8	-0.23	0.22
28	2019	-6.53	-\$108.26	2	-1.02	0.23
70	2020	2.87	\$47.58	21	0.27	0.22
27	2021	0.64	\$10.61	14	-0.12	0.23
38	2022	2.43	\$40.29	19	0.84	0.18
17	2024	-2.23	-\$36.97	9	0.10	0.23
45	2025	3.95	\$65.49	25	0.89	0.24
106	2026	-1.85	-\$30.67	10	-0.16	0.20
102	2027	2.36	\$39.13	18	0.36	0.20
108	2028	1.21	\$20.06	17	0.21	0.21
105	2030	-0.18	-\$3.06	10	0.33	0.22
95	2031	1.96	\$33.29	15	0.43	0.22
55	2032	-2.49	-\$42.30	2	0.03	0.21
104	2033	-1.10	-\$18.69	7	0.07	0.19
58	2034	-0.79	-\$13.42	8	0.35	0.21
47	2035	1.28	\$21.74	13	0.56	0.21
67	2036	-1.63	-\$27.69	4	0.16	0.20
3	2037	-3.22	-\$54.70	1	0.01	0.21
91	2038	2.78	\$47.22	17	0.88	0.09

Green numbers (-) are a feed bill decrease, red numbers (+) are a feed bill increase.
‡ RFI data unavailable.

Sale Order	Sale Lot	RFI	Feed Bill Adjustment in 112 Days	Test Group RFI Rank	RFI EPD	RFI EPD Accuracy
41	2039	-0.46	-\$7.81	9	-0.27	0.14
51	2040	3.42	\$60.31	61	0.75	0.09
7	2041	-2.60	-\$45.85	2	-0.18	0.17
40	2042	-0.07	-\$1.23	25	-0.03	0.19
8	2043	-1.52	-\$26.80	10	-0.21	0.22
52	2045	1.37	\$24.16	48	0.30	0.20
43	2046	1.54	\$27.16	50	0.51	0.07
13	2048	0.75	\$13.23	41	0.55	0.16
9	2049	0.29	\$5.11	33	0.21	0.25
78	2050	1.61	\$28.39	51	0.44	0.23
107	2051	1.74	\$30.68	55	0.29	0.23
18	2052	-1.74	-\$30.68	6	-0.13	0.21
12	2054	-2.76	-\$48.67	1	-0.19	0.24
10	2055	-1.17	-\$20.63	14	-0.07	0.23
26	2056	0.51	\$8.99	39	0.22	0.24
97	2058	2.12	\$37.38	57	0.21	0.27
76	2060	1.85	\$32.62	56	0.55	0.25
94	2061	1.61	\$28.39	52	0.07	0.27
35	2062	0.07	\$1.23	30	-0.08	0.26
37	2063	0.73	\$12.87	40	0.08	0.26
42	2065	0.42	\$7.41	36	0.23	0.23
62	2066	0.33	\$5.82	34	0.25	0.26
33	2067	-1.52	-\$26.80	11	-0.38	0.25
50	2068	0.44	\$7.76	37	-0.09	0.24
63	2071	0.00		27	0.53	0.23
24	2073	-0.35	-\$6.17	22	0.49	0.23
83	2074	-0.64	-\$11.29	17	0.31	0.23
73	2075	0.86	\$15.17	43	0.54	0.25
53	2079	-0.75	-\$13.23	15	0.01	0.28
82	2080	0.90	\$15.87	44	0.08	0.24
56	2081	0.02	\$0.35	28	0.02	0.25
64	2082	2.14	\$37.74	58	0.36	0.24
36	2084	-1.32	-\$23.28	13	0.00	0.24

Green numbers (-) are a feed bill decrease, red numbers (+) are a feed bill increase.
‡ RFI data unavailable.

Sale Order	Sale Lot	RFI	Feed Bill Adjustment in 112 Days	Test Group RFI Rank	RFI EPD	RFI EPD Accuracy
21	2085	-0.62	-\$10.93	18	0.11	0.22
23	2086	-2.29	-\$40.38	3	-0.29	0.27
68	2088	1.50	\$26.45	49	0.36	0.23
19	2089	-1.59	-\$28.04	8	-0.18	0.24
84	2091	2.82	\$49.73	60	0.54	0.24
92	2092	1.12	\$19.75	46	0.08	0.24
79	2094	0.95	\$16.75	45	-0.19	0.25
93	2095	2.36	\$41.62	59	0.41	0.18
75	2097					‡
14	2098	-0.73	-\$12.87	16	-0.22	0.22
72	2099	-0.62	-\$10.93	20	-0.32	0.22
98	2100					‡
Brangus						
2	2093	0.18	\$3.17	32	0.08	0.23
88	2801	1.61	\$28.39	53	0.14	0.19
46	2802	-0.62	-\$10.93	19	-0.10	0.21
Charolais						
86	2401	-1.26	-\$21.40	6	-0.40	0.18
22	2402	-1.54	-\$27.16	9	-0.59	0.19
85	2403	0.82	\$14.46	42	-0.22	0.19
15	2404	-2.07	-\$36.50	5	-0.53	0.18
87	2406	0.04	\$0.71	29	-0.25	0.19
48	2407	-1.48	-\$26.10	12	-0.46	0.20
99	2412					‡
25	2414	-0.60	-\$10.58	21	-0.35	0.24
30	2415	-2.09	-\$36.86	4	-0.52	0.19
90	2416	0.11	\$1.94	31	-0.23	0.22
Hereford						
101	2301	0.35	\$6.17	35	-0.17	0.03
LimFlex						
61	2601	-0.86	-\$14.26	12	-0.15	0.23
5	2602	-4.39	-\$72.78	5	-0.58	0.24
65	2603	2.87	\$47.58	20	0.19	0.24

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‡ RFI data unavailable.

Sale Order	Sale Lot	RFI	Feed Bill Adjustment in 112 Days	Test Group RFI Rank	RFI EPD	RFI EPD Accuracy
Red Angus						
6	2201	-1.43	-\$24.29	5	-0.32	0.19
89	2202	0.37	\$6.28	11	0.16	0.20
39	2203	1.17	\$19.87	12	0.02	0.18
81	2204	3.00	\$50.96	18	0.41	0.18
29	2205	-2.23	-\$37.88	3	-0.31	0.19
71	2206	1.68	\$28.54	14	0.20	0.22
80	2207	-0.29	-\$5.11	24	0.23	0.21
44	2210	1.63	\$28.74	54	0.53	0.20
SimAngus						
103	2701	2.56	\$43.49	16	0.28	0.16
59	2703	1.15	\$20.28	47	0.06	0.21
49	2704	-0.33	-\$5.82	23	-0.18	0.19
20	2705	-0.04	-\$0.71	26	-0.02	0.19
4	2706	-1.70	-\$29.98	7	-0.39	0.20

Green numbers (-) are a feed bill decrease, red numbers (+) are a feed bill increase.
‡ RFI data unavailable.