



INDIANA BEEF EVALUATION PROGRAM

FELDUN PURDUE AGRICULTURE CENTER
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S21-3

7/23/2021

Performance during the last 35 days was less than projected for the group. It was known the diet was running on the lower side for energy density, however, gain suggested otherwise. Bulls had less “gut fill” for the 63-day weight based on a noticed change in eating pattern. Daily, as a percent of bodyweight, bulls have consistently consumed between 2.4 to 2.5% of bodyweight on a dry matter basis, however, a greater percentage of the daily ration is consumed before evening hours whereas bulls were eating well into the night and early morning hours for on-test and 28-day weights. Hence the reason consecutive two day weights are taken at on and off test to mitigate differences in gut fill.

Dr. Burcham was on site to administer a second dose of Multimin. She evaluated lower gaining bulls and suggested two bulls receive therapy (Baytril) based on the combination of poor gain and rectal temperatures of 103°F and 103.2°F, other bulls evaluated had rectal temperatures of 102.0°F to 102.5°F. None of the bulls evaluated for poor gain had any significant abnormal respiratory sounds.

Elevated gains early on are allowing the overall test ADG to remain above the 3.0 lbs/hd/d mark and that will be the goal as we wrap up the second part of the S21 test.

Below is the most recent TMR analysis of samples collected after the 28-day weight.

	Sample A	Sample B	Average		Sample A	Sample B	Average
Dry Matter, %	72.68	71.56	72.12	Ca, %	2.05	1.86	1.96
Crude Protein, %	16.47	15.55	16.01	P, %	0.39	0.41	0.40
aNDF, %	45.00	48.75	46.88	Mg, %	0.39	0.37	0.38
Fat, %	3.61	3.47	3.54	K, %	2.39	2.74	2.57
Ash, %	10.32	10.70	10.5	S, %	0.22	0.23	0.23
NFC, %	29.14	26.30	27.72	Na, %	0.27	0.30	0.29
TDN, %	63.38	61.75	62.57	Cl, %	1.10	1.24	1.17
Nem, mcal/lb	67.16	64.44	65.8	Cu, ppm	33	39	36
Neg mcal/lb	40.41	37.95	39.18	Zn, ppm	117	149	133
				Mn, ppm	92	105	98.5
				Ca:P			4.9:1
				Zn:Cu			3.7:1

Samples were analyzed by Dairyland Laboratories, Inc.

Cooperators who have not registered bulls or have yet to send registration information to IBEP, need to do so, as bulls will be scanned for carcass merit on **August 17, 2021**. If you were

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planning on attending a weigh day, August 17 would be a good one to attend and it shouldn't be all that long of a day.

Assistance from cooperators and their guests are welcome on any workday.

CATTLEMEN'S CALENDAR

County beef cattle groups are encouraged to contact IBEP to volunteer (3-4 people) to help on a weigh or workday as listed below. Activities usually begin at 9:00 a.m. Bring a potential cooperator or bull buyer to give them a first-hand look at the bulls, facilities and the central testing program.

July 26, 2021	2021 Winter Entries are mailed
August 16, 2021	2021 Summer Test 90-Day Weight
August 17, 2021	Ultrasound bulls for carcass traits, record hip heights and measure scrotal circumference for yearling weight measurements.
August 20, 2021	Forage Management Workshop – Feldun Purdue Ag Center https://ag.purdue.edu/agry/dtc/Documents/2021%20DTC%20Brochure.pdf
August 21, 2021	Southern Indiana Purdue Agriculture Center –Field Day – Forage Focus.
August 28, 2021	Southern Indiana Purdue Agriculture Center – Field Day – Beef Focus
Sept. 10 – 11, 2021	NCBA Stockmanship & Stewardship Tour – Danville, IN
September 13, 2021	Structural Soundness and Disposition Evaluation for S21
September 19, 2021	Off-Test Weight for S21
September 20, 2021	Off-Test Weight for S21
September 23, 2021	Breeding Soundness Exams and Branding for S21
September 24, 2021	Video Bulls to sell in the 88 th IBEP Performance Tested Bull Sale
September, 24, 2021	2021 Winter Test Entries Due
October 16, 2021	88 th IBEP Performance Tested Bull Sale and Springville Feeder Auction Market Association Bred Heifer and Cow Sale.

Best Regards,



Nick Minton
IBEP Test Station Manager and Secretary/Treasurer