



INDIANA BEEF EVALUATION PROGRAM

FELDUN PURDUE AGRICULTURE CENTER

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<https://ag.purdue.edu/ansc/ibep/>

W22-1

11/17/2022

On-test weights went well on Monday and Tuesday with weights confirming gains have been respectable during the receiving period with an ADG of 2.78 lbs per day for the 181 bulls. Estimating an average 3% shrink on delivery weights, daily gain was anticipated to be around or above 2.5 lbs per day based on daily feed intake. Similar to other years, the majority of efforts since delivery has been monitoring and evaluating bulls for illness.

For the majority of bulls; daily gain, feed intake, visual appearance and fecal scores suggest treatments to this point have been timely and effective. For comparison, BRD morbidity is just over one percentage point greater for this test than what it was in the 2021 winter test at this point. Oddly, there has been an increased number of cases of foot rot occurring, they are literally occurring overnight. Excede has been working exceptionally well on treating it with bulls showing no visual signs of pain 24 hours later. Table 1. summarizes the treatments administered from delivery day through 11/15/2022. A detailed summary of any treatments or evaluations on any of your bulls will be included in the hard copy mailing.

Table 1. Health challenges observed during the receiving period for the 2022 Winter IBEP Performance Bull Test.

<u>Challenge</u>	<u>Number of bulls</u>	<u>% of bulls</u>
BRD Morbidity	46	25.4
BRD Relapse	3	6.5
BRD Chronic	2	1.10
Lameness - injury	0	0
Lameness – joint/structure	0	0
Lameness – foot rot	8	4.4
Pinkeye	3	1.7
Coccidiosis	0	0
Thromboembolic Meningoencephalitis (TEME)	0	0
Digestive Upset	1	0.6
Abscess	1	0.6

Chlortetracycline is being pulsed in the feed for 5 consecutive days following the on-test weights at the treatment dose of 10 mg/lbs of bodyweight. Sickness amongst animals that have been properly vaccinated and managed correctly ahead of time can be frustrating. It's added expense and causes some second guessing. However, it's fair to also question had these management practices not been done would the animal recover as quickly or recover at all.

Please contact me with any questions you have regarding the health of your bull(s). One positive thing that comes from treating health issues is that bulls become very used to being handled quickly and have learned the routine of what to do when the pen gate opens. Disposition in general appears good and we applaud you on that.

Inclusion rate of corn silage in the diet still needs to increase, yet with the observed illness, fecal scores and a couple days of seasonal weather change; we elected not to change the diet or amount delivered in the five days prior to weighing bulls onto test. Fecal scores have improved and although we're colder, we'll be relatively dry for the next couple days and therefore additional corn silage is being incorporated into the diet today.

Get-of-sire groups are not included in this report as a couple of cooperators wanted to see what on-test weights looked like, therefore, get-of-sire will be reported on and after the 28-day weight. Thankyou to those who have already turned in weaning data or have contacted IBEP as to why weaning data is not available yet.

Parent verification to SIRE and DAM and Genomically Enhanced EPDs. If this is not completed at this point be sure to have the necessary blood, tissue or hair sample in addition to a backup sample already collected so that this can be done quickly. Association laboratories tend to become swamped with samples starting in February. We have seen turnaround times be in excess of eleven weeks. We have not completed a test where delayed sire or dam verification in addition to gnomically enhanced EPDs prevented a bull, or two, from selling.

Wishing everyone a Happy Thanksgiving.

Best Regards,

A handwritten signature in black ink, appearing to read 'Nick Minton', with a long horizontal flourish extending to the right.

Nick Minton
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