Hands-on Experience
Courtesy of the Bovine Club

On Friday, April 16th, Joe Herring, Sara Rosek, Bennett Arble, Travis Cooper, Heidi Leder, Becky Mentink, and Kenneth Goldbrick spent some quality time working with the herd. First they bled every cow in the herd to help monitor for infectious disease. Then they vaccinated the herd using a 9 way-5 leptos; IBR, BVD, PI-3, and BRSV. (Half of the herd received a Spirovac vaccine for L. hardjo.) Next, for the 27 heifers that joined the herd over the past 1.5 years, they gave magnets via the balling guns (a few magnets that came back up and were found in water cup or in front of the cow). The final procedure was to use pour-on (epi- ivermectin) on each cow and heifer to treat for ectoparasites (mites) that can cause udder sores. All of the students and the cows survived, although milk yield has been down about 4lbs per cow for the last 2 days.

How does the current price of milk affect the herd?

The price of milk has been quite volatile since last September 2003. We barely survived the last fiscal year (July 2002 - June 2003) because the milk price was high ($11.50/hundred weight of milk) when our milk yield was low (80,000lbs per month), and the milk price was low ($9.50/hundred weight of milk) when our milk yield was high (110,000lbs/month). This fiscal year the milk price has been extremely high ($14.50/
Calf Report

**Turner** and **Gina** are weaned. **Juliette** and **Lucky** will be weaned by Monday. LAIM has dehorned **Lucky**, **Turner**, **Juliette**, **Patricia** and **Gina**.

We will move **Turner**, **Gina**, **Juliette**, and **Lucky** to Bookhout on April 23rd, so they will need to receive their intranasal IBR and PI3 vaccines Tuesday, April 20th. (Let Allison know if you want to help her give the vaccines Tuesday night, if not the Herd Health crew can assist.)

**Patricia** is doing fine. We will start to wean her next week. She is 50 days old today.

**Kato** continues to improve and has been off antibiotics since last Wednesday. There will be no surgery to remove the umbilicus. We will, however, occasionally monitor her using the score, and will begin to put some weight on her.

**Panda** has moved through the 7-10 day dietary scours period and is (almost) on schedule for milk replacer. She is gaining >1 lb per day now.

**Cornelia**’s front legs appear to be relatively normal now, and she is also through the 7-10 day dietary scour period. She will be gradually be ramped on replacer as she continues to improve. She has gained almost 2.5 lbs per day, so it seems her loose manure hasn’t had an effect on her rate of gain.

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**Pat Hoffmann**, a dairy scientist and a calf expert, gave us a few calf feeding hints, and agreed that we should ramp up the replacer *gradually*, begin to feed grain at 3 days of age, get the calves using the bucket as soon as possible, and the 7-10 age period is the most critical concerning the management of dietary scours. Pat will also be providing me with the name of a contact at Calf-Tel so we can look into getting hutches donated (keep your fingers crossed).
Daily Events

MONDAY
AM:
PM: Herd Health Management (623-675): Crew Chief: 2nd yr (Joe Herring) and 2nd year (Rebecca Morris). Calf Health Management: 3rd year (Betsy Welty).

TUESDAY
AM:
PM: 4th year Theriogenology rotation (623-699) herd check: Harry Momont/Bill Bosu, 4th yr. students, & pre-vet soon to be a first year, Class of 2008 (Kerry Hagen).
➢ Bleeding opportunity to tail bleed cows for Chuck Czuprynski’s laboratory.
PM: Herd Health Management (623-675): Crew Chief: 2nd yr (Joe Herring) and 2nd year (Rebecca Morris). Calf Health Management: pre-vet soon to be a first year, Class of 2008 (Allison Wistrand).

WEDNESDAY
AM:
PM:

THURSDAY
AM:
PM: Herd Health Management (623-675): Crew Chief: 2nd yr (Joe Herring) and 2nd year (Rebecca Morris). Calf Health Management: 2nd year (Robin Gryskiewicz).

FRIDAY
AM:
PM: 7:30am: Management meeting for the teaching herd management team.
PM: Herd Health Management (623-675): Crew Chief: 2nd yr (Joe Herring) and 2nd year (Rebecca Morris). Calf Health Management: 2nd year (Sara Rosek).

SATURDAY
AM:
PM:

SUNDAY
AM:
PM:

Upcoming Events
Cows and heifers due in the next month

<table>
<thead>
<tr>
<th>Cow/Heifer</th>
<th>Due Date / Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tina</td>
<td>2/06 (Heifer - “Turner”)</td>
</tr>
<tr>
<td>Lucy</td>
<td>2/16 (Heifer - “Lucky”)</td>
</tr>
<tr>
<td>Greta</td>
<td>2/12 (Heifer - “Gina”)</td>
</tr>
<tr>
<td>Diane</td>
<td>2/17 (Bull)</td>
</tr>
<tr>
<td>Violet</td>
<td>2/18 (Bull)</td>
</tr>
<tr>
<td>Julie</td>
<td>2/21 (Heifer - “Jewel”)</td>
</tr>
<tr>
<td>Poppy</td>
<td>2/27 (Heifer - “Patricia”)</td>
</tr>
<tr>
<td>Melody</td>
<td>3/01 (Bull)</td>
</tr>
<tr>
<td>Jessica</td>
<td>3/01 (Bull)</td>
</tr>
<tr>
<td>Katrina</td>
<td>3/26 (Heifer - “Kato”)</td>
</tr>
<tr>
<td>Cookie</td>
<td>4/07 (Heifer - “Cornelia”)</td>
</tr>
<tr>
<td>Swash (Swoosh’s daughter)</td>
<td>4/03 (Heifer - “Panda”)</td>
</tr>
<tr>
<td>Marie (Morgan’s daughter)</td>
<td>4/29</td>
</tr>
</tbody>
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Projects

- See Kerry Hagen for the schedule of cows that need to be vaccinated (J-5 and Scourgard).
- Sara Gilbertson is now doing the body condition scoring and could always use some help.
- Allison Wistrand is taking a 699 directed study on Sick cow physical examinations
- Kerry Hagen is taking a 699 directed study on implementing the OVSYNCH breeding protocol.
- Betsy Welty and Stacy Garves are implementing the calf management system.
- Jodi Woods is editing the newsletter

Production and Milk Quality Summary
(updated April 19, 2004)

- The herd continues to milk an average of 92 lbs/cow of Adjusted Corrected Milk (ACM).
  (ACM is a calculation that standardizes milk to 3.5% fat content, produced by a 3rd lactation cow at 150 DIM.)
- Approximately 48 cows are producing 3985 lbs/day (83 lbs/cow/day). This is approximately 88 lbs per stall—better than our breakeven production level of 68 lbs! (Good job!)
- The herd’s butterfat has averaged 3.50%. The protein has averaged 2.98%.
- Dry Matter intake is at 51 lbs per cow.
- Bulk tank SCC is at 164,000 with a SPC of 1000 for April.

Employment Opportunities

- If you are interested in gaining experience with dairy cows, we have the opportunity for you. You can join the milking crew at the Charmany Teaching Facility and work the AM or PM milking shifts. Weekday shifts are from 5:00 am to 7:00 am and from 4:30 pm to 8:30 pm. Weekend shifts are from 5:00 am to 12:00 pm and from 4:30 pm to 8:30 pm. Interested students should contact Dr. Bill Goodger at 770-1448.
- Further note on employment is that we can save 50% in student salary expenses (about $20,000 per year) if students apply for work study (about 90% of veterinary students are probably eligible). These added funds would not only allow more students to access to the herd, but would also provide support for clinics, projects, and clinical upgrades to our facility which would enhance the experience for all students. Below is information about work study from the CAMPUS work study office in financial aid.

  ** The Work-Study Program does not determine where you work. It is up to you to determine where you’d like to work and what type of work you’d be interested in. The Federal Work-Study Program (FWSP) employee’s will be glad to discuss with you what your interests are and what employment options are available to you but you will need to contact the employers directly to inquire about job availabilities.

  Having accepted Work-Study will benefit you primarily in two ways: first, since employers only pay .50 cents of every dollar earned by a student, work-study students are highly sought after employees and second, any work-study monies earned are not counted and considered as earned income when you apply for next year’s financial aid. Normally a student’s earnings are considered as earned income and your next year’s financial aid award is reduced by that amount.

  If you decide to work On-Campus, ANY job at the UW automatically qualifies as a work-study position. You should always let a UW-employer know that you have accepted a work-study award, because again, it makes you an even more desirable hire to them. Having said this, some UW employers require that you have work-study. These listing can be found under the "UWWR" section.