

New Standards for Calf Pairing

Have you thought about pairing calves prior to weaning? This new style of calf care will likely become standard in the future due to consumer perception, and requires exceptional calf care to be successful. Total proteins measured at 2-3 days of age should be 6.2 or higher for maximum health. Calves need 35-40 square feet per head of pen space as well, with adequate clean bedding and good ventilation. If grouping calves, keep the age difference to no more than one week and make sure they are moved 'all in and all out.' Although farmers may be hesitant about this calf raising style because of potential disease transmission, there are benefits. One of these is that calves learn from each other and will consume more grain at a younger age, which in turn leads to a higher average daily gain. Talk with your Veterinarian on how you can proactively prepare for the changes ahead.

Scours: Preventing A Big Risk For Little Calves

By Jessica Light, DVM, MA, Senior Veterinarian, Dairy Technical Services, Zoetis

The first 60 days are essential to calf growth. Calves are most feed efficient during this time, so don't let scours make a mess of their potential.

Scours (calfhood diarrhea) and other digestive problems are some of the leading causes of calf sickness and death, responsible for more than half of pre-weaned heifer deaths.¹ Protect young calves by following these scours prevention tips to support calves during their first two months of life:



Prevent scours outbreaks in newborn calves

- **Start scours prevention before birth.** Vaccinating dry cows and heifers with ScourGuard® 4KC three to six weeks before calving helps enhance the impact of their colostrum by helping protect calves against the most common scours pathogens.
- **Maintain calving area hygiene.** The maternity pen is calves' first environmental contact and can expose them to disease-causing pathogens. Keep the calving area clean by removing dirty bedding and sanitizing pen floors, walls and gates.

Support health with proper nutrition

- **Start your calves off strong.** Calves don't just need colostrum. They need the right amount of high-quality colostrum at the right time to ensure they receive enough passive immunity to help them fight off disease in their first few weeks of life.
- **Keep up the calories.** As your calves grow, make sure they intake enough calories through pasteurized whole milk, milk replacer and/or starter feed to support their developing immune systems.

Maintain sanitary conditions

- **Change bedding regularly.** Wet, dirty bedding material can be a breeding ground for harmful pathogens. Keep pens and hutches clean and disinfect thoroughly after calves are moved.
- **Clean feeding equipment.** Proper cleaning and sanitation of feeding equipment, such as buckets, bottles, nipples and mixing utensils, is necessary to help prevent the spread of disease and illness among calves.

This work during the first two months can last a lifetime and lead to healthy, productive replacement heifers. Contact your veterinarian or Zoetis representative to learn more about proper calf management and ScourGuard 4KC to help prevent scours.

¹ U.S. Department of Agriculture. Dairy 2014 Health and Management Practices on U.S. Dairy Operations, 2014. https://www.aphis.usda.gov/animal_health/nahms/dairy/downloads/dairy14/Dairy14_dr_PartIII.pdf. Accessed October 29, 2019.

Product Review: Dewormers

Dr. Angie Garavet



Both internal and external parasites can cause decreased weight gains, decreased reproductive efficiency, decreased milk production, an impaired immune system and disease. With dewormers, the goal is to decrease the economic losses caused by these parasites.

The key management strategy of deworming is knowing when, how often, which product and which animals to treat.

Each farm is different. Diagnostic testing will help identify which internal parasites your farm has, how densely populated the parasites are and the level of resistance.

A global anthelmintic resistance problem is rising. This is the failure of a previously effective product to decrease parasites by at least 95% when used at the recommended dosage. New concepts like refugia help to combat these resistant worms. Refugia means allowing a small number of worms unexposed to a dewormer, reducing the drug resistance selection pressure caused by the dewormer. We've been deworming all of our cattle with highly

effective dewormers, causing resistant worms to increase in number. In the last 40 years, we have been choosing from the same 4 classes of anthelmintics.

Worms like to be in warm and wet environments in young animals, as well as stressed older cattle. Keep this in mind when thinking of who and when to deworm. Newer treatment guidelines suggest treating only incoming stressed cattle instead of the resident herd, leaving 10% of your herd untreated. Other recommendations include not using the same class of dewormer each time and refraining from deworming the herd before moving them to a clean pasture (increasing the resistance).

External parasites such as lice, flies, ticks, grubs and mites are just as much of a problem, as the internal parasites. It's important to ensure that you are protecting against both internal and external parasites in your deworming protocols by incorporating the accurate dosage.

I encourage farmers to ask their veterinarian about which class and which specific dewormers are best for their animals.

Cydectin Pour-On by Bayer

- Contains 5 mg of moxidectin/mL
- For treatment against gastrointestinal roundworms, lungworms, cattle grubs, mites, lice and horn flies
- Safe for all ages and stages of beef and dairy cattle
- Treated cattle can be easily recognized by the characteristic purple color, which will remain for a short period of time after treatment
- Zero meat and milk withhold
- Dosage: 1 mL/22 lbs



Dectomax Pour-On by Zoetis

- Contains 5 mg/mL doramectin
- For cattle treatment and control of gastrointestinal roundworms, lungworms, grubs, horn flies, eyeworms, biting and sucking lice, and mange mites
- Not for use in female dairy cattle 20 mos of age or older
- 45-day meat withdrawal
- Dosage: 1 mL/22 lbs



Eprinex Pour-On by BIVI

- Contains 5 mg/mL eprinomectin
- Indicated for the treatment and control of gastrointestinal roundworms, lungworms, grubs, sucking and biting lice, chorioptic and sarcoptic mange mites and horn flies in beef and dairy cattle of all ages, including lactating dairy cattle
- Zero meat and milk withhold
- Dosage: 1 mL/22 lbs



Eprizero Pour-On by Norbrook

- Provides a broad-spectrum treatment and control against the major species and stages of internal and external parasites
- Following the treatment for parasites, both heifers and dairy cows show improved fertility
- Weatherproof formulation is safe for any age animal including pregnant cows, calves and bulls
- Zero meat and milk withhold
- Dosage: 1 mL/22 lbs



Ivermectin Pour-On

- Contains 5 mg/mL ivermectin
- Kills roundworms, brown stomach worms, lungworms, grubs, sucking lice, biting lice, mange mites and horn flies
- Not for use in female dairy cattle 20 months of age or older. Do not use in calves to be processed for veal
- 48-day meat withdrawal
- Dosage: 1 mL/22 lbs



Ivomec Pour-On by BIVI

- Contains 5 mg/mL ivermectin
- For control and protection of gastrointestinal roundworms, lungworms, cattle grubs, mites, lice and horn flies
- Not for use in female dairy cattle 20 mos of age or older. Do not use in calves to be processed for veal
- 48-day meat withdrawal
- Dosage: 1 mL/22 lbs



New Products

VETERINARY SERVICES



Anti-Fog Safety Glasses
Clear frame, lens, polycarbonate anti-fog wrap around
#23345

Black Magic
Hoof glue, winter version to be used below 50°F
#23741 - 210cc

Fleet Enema
A liquid to be used in adult cows when additional phosphorus is needed
#23753 - 6 ct



AquaPrime NeoKlor
7.5% Sodium Chlorite solution that is EPA approved for usage in drinking water for livestock and disinfection. 2 parts to 1 part Activator.
#23514 - 15 gal
#23516 - 55 gal

AquaPrime Activator
Blend of mineral and organic acids specifically formulated to activate stabilized sodium chlorite for the disinfection of animal drinking water
#23515 - 15 gal
#23373 - 55 gal

ShutOut
Antibiotic-free teat sealant. Dual-tip syringe gives flexibility to choose between the preferred short tip or the long tip for administration.
#23770 - 24 ct
#23769 - 144 ct

New Guidelines for Dehorning

- Recommendation that pain mitigation protocols for dehorning be considered a standard of care
- Dehorning should be performed at the youngest age possible, no later than 8 weeks of age
- Calves should be restrained in a way that minimizes stress and the risk of injury
- Pain management is the standard care for all procedures
- Work with your veterinarian to develop the most appropriate plan for dehorning method and pain management protocols

PRODUCT UPDATES

Manufacturer back orders/limited release:

- Ampicillin (on allocation, limited availability)
- Banamine Transdermal
- Biomec 200
- Cystorelin (5 ds)
- Glove Work Knit, Ig
- Ivomec Plus Inj. & Ivomec 1% Cattle
- Noromec 300 LA
- Polyflex (on allocation, limited availability)
- Sulfadimethoxine Oral Solution 12.5%
- Sulfadimethoxine Soluble Powder 107g
- Sustain III Calf Bolus
- Tetanus Antitoxin
- Triangle 10
- Tylan 200
- Veta KI Inj
- Vision 7 & Vision 8
- Wart Vaccine
- Zactran (100 mL)

Call for availability and best substitutes.

Buy 1, Get 1 Free: KLEBVax, SRP

- Reduced mastitis prevalence by 71%
- 42% reduction in Somatic cell count
- Increased milk production by 2 lbs per cow per day, compared to non-vaccinated cows

Offer valid while supplies.

Cydectin Spring Rebate



- Save \$5/L of Pour-On (minimum purchase of 10 L)
- Save \$12/bottle on Injectable (minimum purchase of 4 bottles)

Offer valid through 5/31/2020.



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- Please update your billing information to Armor Animal Health
- Watch for 2020 Cowntalog to come out in April
- Visit animart.com/survey-0 to complete a customer satisfaction survey and be entered to win \$100!



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