

Improving Conception Rates



with REDMOND

Conception rates are directly tied to the profitability of any livestock operation. Managing the fertility of your herd can involve a lot of charts, calendars, and strategic herd groupings. But all of that organization will amount to nothing if your animals' bodies are not healthy and ready for the next breeding stage. Whether you use natural breeding or artificial insemination, fertile animals are the goal. Let's learn more about nourishing the health of your whole herd to improve conception rates for a more productive and profitable operation.

How To Nourish Fertility



Avoid Negative Energy Balance

(Maintain Healthy Body Condition Scores-BCS)

Negative energy balance occurs when energy intake is not enough to meet demand. Animals' bodies naturally assign energy and nutrients to the most important biological systems first, (cardiovascular system, central nervous system, digestive tract, etc.) Then, leftover energy is assigned to other functions (immune health, milk production, and reproductive systems, etc). According to Michigan State University (MSU) Ag Extension, "negative energy balance is a major nutritional factor affecting reproductive performance," by greatly delaying ovulation, reducing BCS, and decreasing pregnancy rates. Positive energy balance is important for all members of the herd in order to improve fertility, not just sires and dams...calves too! Healthy weaning weights in calves helps them move on from nursing in a timely manner so their mothers' can breed back faster.

- 4 areas of nutrition to help energy balance: protein, energy (carbohydrates), fat, and minerals.



Reduce Heat Stress

Heat stress can significantly lower reproduction rates and harm developing embryos.

Here are a few simple tips to reduce heat stress in your herd:

- Keep an eye on your temperature humidity index
- Reduce activity during peak and evening hours
- Increase mineral intake, replenish electrolytes, switch from block to loose minerals, and offer more mineral stations
- Provide shade for your animals to use during peak hours

- Increase water stations, move water to shade areas, and spray down resting areas
- Make sure animals have access to breezes and proper ventilation
- Animals naturally want to reduce their feed intake when it is hot (which harms rumen health), so offer rumen buffers like Redmond Conditioner to keep their digestive tract healthy



Offer Trace Minerals

Researchers have found that ingesting trace minerals improves fertility in cows, sperm motility in bulls, and helps calves achieve healthier weaning weights. Here are a few tips to help your herd benefit from your mineral program:

- **Offer higher salt to mineral ratios:** Low salt/heavy mineral mixes are not very palatable and your animals will be reluctant to consume what they need. A higher salt to mineral ratio not only tastes delicious, it also reduces heat stress, replenishes electrolytes, and powers the rumen "pump" more efficiently.
- **Increase mineral access:** Watch herd pecking order to make sure each animal has equal access to minerals. Add more mineral stations and switch from blocks to loose minerals.



Support Rumen Health

Healthy rumens can resolve a lot of nutritional problems behind low conception rates (negative energy balance, poor BCS, mineral deficiencies, heat stress symptoms). Nutrient and energy absorption improves when you:

- Buffer rumen pH
- Maintain healthy ammonia levels
- Nourish rumen microbe colonies



Improving Conception Rates with Redmond Conditioner

We are proud of our over 50 year legacy of helping farming operations thrive with products harvested from our ancient mineral and volcanic deposit in central Utah. Redmond's enriching Mineral Conditioner can help nourish the fertility of your entire herd.

Provides total rumen health: binds to toxins, buffers pH, improves fiber digestion, maintains healthy ammonia levels, and supports rumen microbes

Improved nutrient absorption helps your herd maintain healthier BCS and energy balances

Contains a full spectrum of sea minerals perfectly balanced by nature (including electrolytes and minerals needed to reduce heat stress)

After switching to Redmond, farmers have noticed stronger heats, improved pregnancy rates, successful pregnancies in problem animals, and considerable savings. Give Redmond a call today to see how we can help improve conception rates in your herd!

Contact Us Today



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