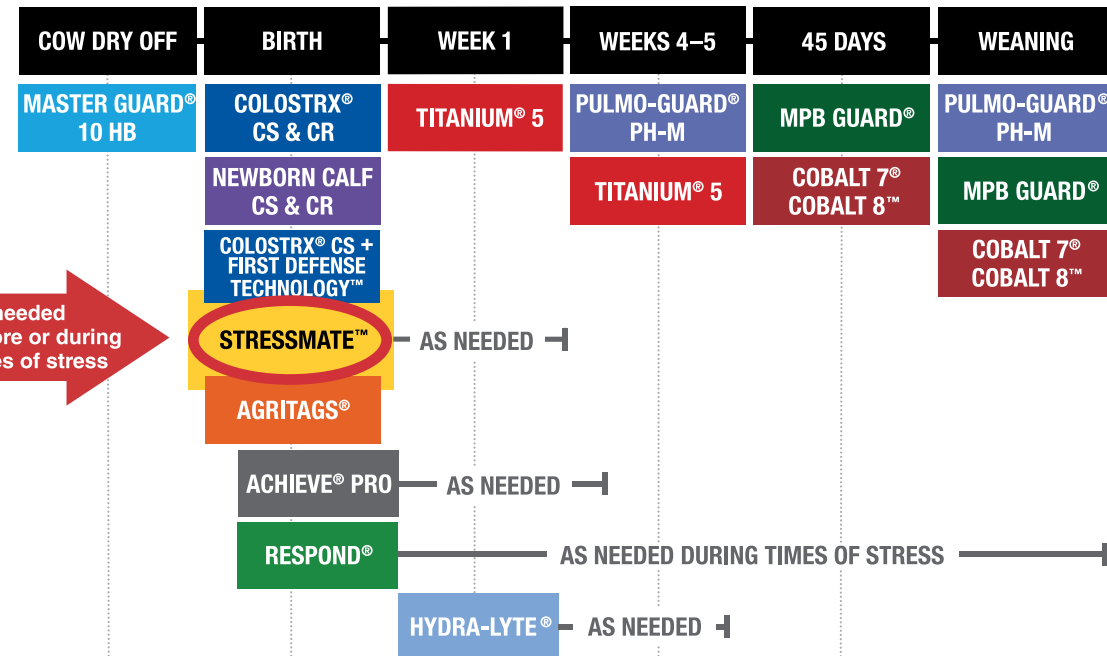


StressMate is a powerful addition to your “total calf health” tool kit.

Suggested dairy heifer protocol



**Ingredients**

Condensed whey extract, biotin, folic acid, Vitamin B-12 supplement, sodium benzoate (preservative), EDTA (preservative).

**Guaranteed Analysis**

- Crude protein (min) 1%
- Crude fat (min) .1%
- Crude fiber (max) .1%

Storage and Handling  
KEEP FROM FREEZING

Store at room temperature, in a cool, dry environment out of direct sunlight.

Refrigerate after opening.

Keep out of the reach of children.

**Almacenamiento y Manejo**

EVITE QUE SE CONGELE

Guarde a temperatura ambiente, en lugar frío y seco, fuera de la luz solar directa.

Guardar en la refrigeradora despues de abierto.

Mantenga lejos del alcance de los niños.

Distributed by Agri Laboratories, Ltd.  
St. Joseph, MO 64503

Manufactured by Sterling Technology  
Made in the USA



# StressMate™

Concentrated bioactives

Formulated for newborn calves and calves exposed to stress

250 mL



**Applications**

Recommended for calves just prior to or during periods of stress. Stress may include:

- Adverse environmental conditions
- Inadequate or no colostrum feeding
- Shipping and commingling

Feed 10 mL orally each day for at least 3 consecutive days.

**For newborn calves,** feed 10 mL orally immediately following birth or as soon as possible afterwards. Then continue feeding for at least 2 more days.

Can be fed orally alone or in milk, milk replacer or electrolyte solution.

Alimente a 10 mL por boca para 3 días consecutivos.

**Para terneros recién nacidos,** alimentar a 10 mL por boca inmediatamente después de nacimiento o más rápidamente que posible. Alimente por no menos que 2 días mas.

Puede alimentar solo o en leche, sustituto lácteo o solución electrolítica.



Visit [www.healthydifferencecalf.com](http://www.healthydifferencecalf.com) to read more about StressMate and view information on raising healthy and productive calves.



Colostrx, Respond, AgriTags, Achieve, Cryptex, Titanium, Cobalt, MPB Guard, Pulmo-Guard, MasterGuard, and Making a Healthy Difference are registered trademarks of Agri Laboratories Ltd. Zymace is a registered trademark of R&D Life Sciences. First Defense Technology is a trademark of ImmuCell Corp. Hydra-Lyte is a registered trademark of Lloyd, Inc. StressMate is a trademark of Sterling Technology. © 2013 Agri Laboratories Ltd. All rights reserved. HDCC-20280Rev 0113



There is a new solution for the problem of calf stress

# StressMate™

Concentrated bioactives for calves



# STRESS. ALL CALVES ARE AT-RISK CALVES.



Developed for newborn calves...

- Show signs of stress
- Experience stressful conditions
- Received inadequate colostrum
- With reduced intakes
- With digestive upset

**What is calf stress?**

Stress undermines a calf's natural defenses, increasing its risk of contracting disease. Stress can reduce a calf's intake and ability to utilize nutrients, causing reduced growth potential and productivity.



## CAUSES OF STRESS

**Calf stress has many causes:**

- Difficult birth
- Inadequate colostrum intake
- Prolonged inclement weather
- Housed in poor conditions (wind, mud, drafts)
- Fecal-oral contact
- Changes in diet or feeding routine
- Commingling with other animals
- Transportation

**Stress can start before birth**

Poorly conditioned dams can deliver calves that are pre-disposed to stress. At birth, calves require crucial proteins to build their natural defenses and growth factors for gut and organ development. Failure to receive enough quality colostrum shortly after birth can affect their ability to thrive.

**Newborn calf stress risk factors**

- Higher incidence of enteric and respiratory disease
- Less ability to combat disease
- Slower or reduced milk intake
- Sensitivity to digestive upset



# StressMate™

*Rapid response to calf stress*

**Concentrated bioactives from colostrum**

When calves are in stress, colostrum supplements and milk replacers do not supply all that is needed to put them back on their feet. StressMate contains a broad spectrum of widely-studied essential small proteins available in quality maternal colostrum, including:

- **Bacteriostatic small proteins, such as Lactoferrin** – inhibit pathogen functionality
- **Growth factors** – stimulate immune functions and cell growth
- **Signaling proteins** – control cytokines, modulate the natural defense system.
- **Oligosaccharides** – help combat pathogens and fortify beneficial bacteria

StressMate is a proprietary formula of bioactive factors developed with 10 years of supporting research. This research included the effect

**StressMate provides critical proteins and nutrients even after gut closure.**

After gut closure is complete and a calf can no longer absorb large proteins, the bioactivity of StressMate's small proteins and peptides makes them available to the calf and offers important benefits. These bioactives work on cellular contact in the gut mucosa and support a calf's innate defense system to help it recognize and destroy pathogens.



of bioactives on calves, *in vitro* studies, mouse challenge studies, as well as human clinical research. StressMate is processed using specially developed technology to isolate, concentrate, and standardize its components to assure their bioactivity.