



PRODUCT DESCRIPTION

Suthers Solutions Security EF is a combination product containing binders, prebiotics, and essential oils designed to counteract the effects of fescue toxicosis in beef cattle such as, fescue foot, rough hair coat, standing in ponds, standing in shade, and low conception rates. Research has shown positive results in as little as 15 days of feeding Suthers Solutions Security EF. Suthers Solutions Security EF is available in meal form and can be added to custom

Toxin Binding

- Security EF contains 5 unique compounds that have shown an ability to bind a portion of the endophyte fungus called ergovaline.
- Binding these toxins causes them to pass through the animal, thereby reducing the toxin loads

Deactivation

- A combination of enzymes that will break down or detoxify a portion of the ergovaline in the rumen thus rendering the toxin harmless to the animal

Vasodilation

- Ergovaline is a vasoconstrictor and when absorbed by cattle causes blood vessels to narrow.
- These circulatory problems result in tail, ear and hoof sloughing in the winter and extreme heat intolerance of in the summer

Impacts of Tall Fescue Toxicosis on the cow herd

- Multiple research reports on the impacts of Tall Fescue toxicosis have been summarized in review articles.
- When averaged the results speak for themselves for cattle grazing highly infected Tall Fescue compared to cattle grazing Tall Fescue with low levels of infection.
 - ADG lbs/head/day 58.7%
 - Pregnancy Rate – 74.4%