"I wouldn't recommend something I wouldn't use myself; I have seen the difference of Fescue EMT on my herd and plan to use it again with most of my cows."
– Jack Ferguson, Ferguson Farms (York, South Carolina)

MINIMIZE THE EFFECTS OF ENDOPHYTE-INFECTED TALL FESCUE THROUGH

NUTRITION

Anna Taylor, Ph.D., Beef Technical Manager, Cargill Animal Nutrition

Agronomically, tall-fescue is a dream forage. With more than 35 million acres growing across the United States, it's productive, hardy, and drought- and insect-tolerant. But behind these qualities lurks a dangerous problem for your cattle – an endophytic fungus that costs U.S. cattle producers over $600 million[1] annually in production losses.

This fungus produces ergot alkaloids, one of which is called ergovaline and is estimated to infect 85 percent[2] of tall fescue and is one of the primary toxins associated with fescue toxicosis. In cattle, fescue toxicosis results in reduced feed intake, lower weight gain, and lower conception rates[3].

While endophyte-infected fescue is a concern year-round, the problems are exacerbated by the heat as cattle experiencing fescue toxicosis have a harder time regulating their body temperature and, consequently, spend more time seeking relief from the heat and less time grazing[4].

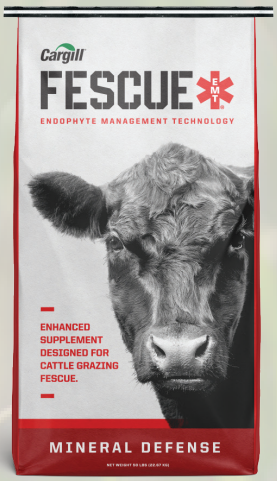
MANAGING CATTLE GRAZING TALL FESCUE

Take a proactive approach to optimize your forage while minimizing the negative impacts on your cattle while grazing endophyte-infected tall fescue.

From a forage management standpoint, this includes practices such as clipping pastures, diluting pastures by interseeding legumes, rotating cattle to warm season grasses when it is hot, or using herbicides to keep fescue in a vegetative state where it is believed to be less toxic.

Beyond addressing the forage itself, nutritional strategies also exist to help defend your cattle against the challenges of endophyte-infected fescue.

Fescue EMT® Mineral Defense from Cargill Animal Nutrition is uniquely designed to help defend cattle against the challenges of endophyte-infected fescue while improving growth and overall performance. At its core, Fescue EMT® is a high quality mineral package leveraging proprietary Endophyte Management Technology to interfere with ergovaline before it can manifest into a bigger problem inside cattle. In research trials, cattle supplemented with Fescue EMT® Mineral Defense gained an additional 0.15 lb.[5] per day compared to cattle in control groups on mineral only.



DEFEND YOUR CATTLE FROM THE THREAT OF ENDOPHYTE-INFECTED FESCUE.

FESCUE EMT®
ENDOPHYTE MANAGEMENT TECHNOLOGY

1 Hoveland, C.S. 1993; 44:3-12 | 2 Shelby, R.A., Schmidt, S.P. 1991; 75:776-778 | 3 Kallenbach, R.L. 2015; 93:5487-5495
4 Rogers, J.K. Locke, J.M. 2013; NF-F0-13-03 | 5 Taylor, A.R., 2019 ASAS Southern Section Meeting

Cargill®

Learn more at FescueEMT.com