



BarOptima Plus E34 Beneficial Endophyte Tall Fescue by Ernest Weaver

BarOptima Plus E34 vs. KY-31 Tall Fescue

Safe for cattle	Poisonous for cattle
Late-heading	Early-heading
Healthy reproduction	breeding problems
Increased intake	Reduced intake
Makes you money!!	Robbs you all summer!
Soft leafed	Rough leafed (Unpalatable)

Why endophytes? Endophyte-infected tall fescues are able to survive and thrive in the Transition Zone of the US. This endophyte is a fungus which enables the plant to withstand drought, high heat and other stresses endemic to this geographical area. However, for all the good things that the endophyte does, there is one bad thing—it makes the cattle and horses sick! Barenbrug research has found a way to cleave off this “bad” part of the endophyte which infects tall fescue and leave the beneficial part. Using this technology combined with the best tall fescue genetics available, Barenbrug’s BarOptima Plus E34 was created. This is Barenbrug’s latest generation of highly digestible soft-leafed tall fescue and it is able to thrive in the Transition Zone and still be an economically successful crop and safe crop for your livestock.

How can I make the switch from bad fescue to good fescue?

1. **The first step is to realize you can!** So many times I’ve heard, “you can’t get rid of Ky-31”. This is not true! You can get rid of bad fescue a number of ways and have beneficial endophyte or endophyte-free tall fescue without contamination.
2. **The second step is to kill the Ky-31.** Glyphosate is a good start but a residual herbicide or repeated glyphosate will be needed to clean the “bad” fescue.
3. **The third step is an intermediate crop.** This can be a forage crop or a grain crop depending on what you need. This intermediate crop gives time to clean the fescue out.
4. **The fourth step is seed BarOptima!** This variety is the finest beneficial endophyte fescue ever. Superior seed quality, top genetics, solid research and many years of on farm trials make BarOptima the obvious choice.

There are so many variables that a simple 1,2,3 step program will not fit each case but our technical support team or your local dealer will help you establish a program that will work well for your farm.



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