

VIRGINIA

Conversion to Novel Endophyte

Actions for South/Central regions begin roughly two weeks prior in spring and two weeks later in fall compared to actions in Mountain/Valley

Spray-Smother- Spray (Summer Smother)	Spray-Smother- Spray (Winter Smother)	Spray-Wait- Spray (No Smother)
Soil test and amend several months before planting		
Spring: Do not let fescue go to seed		
Late April – mid May: Spray old fescue stand	August to September: Spray old fescue stand	Summer: Spray old fescue stand
Next week: No-till smother crop* and fertilize	Next week: No-till smother crop* and fertilize	Fallow ~ 4-6 weeks
After establishment: Graze or hay until late August Leave sufficient residue (6-8") for rapid regrowth in both grazing and hay/silage systems.	After smother establishment: Earlier fall planting allows some late fall grazing. Graze or conserve in spring After harvest, leave fallow.	
Late August to mid September: Spray again		
Within 1 week: No-till novel endophyte fescue Drill novel endophyte fescue alone at 15-20 lb/ac. Higher seeding rates in warmer soil Plant about ¼ - ½ inch depth. Some seed should be visible in the planting row. Fertilize with 40 lb N/acre.		
<i>Fall / Spring management</i> Observe new stands routinely. Treat broadleaf weeds as needed. In healthy stands, clover can be frost seeded in spring.		
DO NOT OVERGRAZE THE FOLLOWING SEASON		
*Smother crop examples include: Millets (pearl or foxtail): Drill 15-20 lb/ac. Sorghum-sudan: Drill 20-30 lb/ac. Sudan: Drill 15-20 lb/ac. DO NOT GRAZE (OR GREEN CHOP) SHORT, STRESSED SORGHUM/SUDAN PLANTS. Allow plants to reach 24-30" before grazing.	*Smother crop examples include: Crimson clover: Plant ~45 d before frost. Drill 15 lb/ac in mixes. Rye: For later plantings (between 2 week before and 4 week after killing frost). Drill 90-100 lb/ac for grazing in pure stands.	Glyphosate or paraquat could be used as separate sprays.



www.ext.vt.edu

Virginia Cooperative Extension programs and employment are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, veteran status, or any other basis protected by law. An equal opportunity/affirmative action employer. Issued in furtherance of Cooperative Extension work, Virginia Polytechnic Institute and State University, Virginia State University, and the U.S. Department of Agriculture cooperating. Edwin J. Jones, Director, Virginia Cooperative Extension, Virginia Tech, Blacksburg; M. Ray McKinnin, Administrator, 1890 Extension Program, Virginia State University, Petersburg.