

Assessing Seedling Vigor Differences in Endophyte-free Tall Fescue Half-sib Families. (C01-phillips163617-Poster)

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Abstract:

Improving seedling vigor in endophyte-free tall fescue could increase success in stand establishment. Two methods of screening for seedling vigor (seedling mass at six weeks after planting and emergence force) were used to study variation among 180 half-sib families of endophyte-free tall fescue and several check varieties. The two screening methods were moderately correlated, and both revealed a large range in seedling vigor, with several half-sib families surpassing endophyte-infected Kentucky 31.

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