

BELLES, DAVID S.^{1*}, KRIS PAUNA¹, DANA STUBBENDECK¹, BRUCE BATTLES¹, MARTY SCHRAER¹, PETE FORSTER¹, BRETT MILLER¹. ¹Syngenta Crop Protection LLC., 410 Swing Road, Greensboro, NC 27409. **Managing *Rhizoctonia solani* in sugar beets with Vibrance seed treatment.**

Rhizoctonia root rot, caused by *Rhizoctonia solani*, is one of the most common soil-borne diseases of sugar beet (*Beta vulgaris* L.). *Rhizoctonia solani* causes pre- and post-emergence damping-off and seedling blight, resulting in stand and yield reduction. Vibrance is a new commercial seed treatment that was recently registered by Syngenta Crop Protection for seed treatment use on sugar beet. The active ingredient of Vibrance, sedaxane, belongs to the succinate dehydrogenase class of fungicides (SDHI) FRAC group 7. The use of Vibrance seed treatment helps manage *R. solani* to get optimum plant stand establishment and increase yield. The benefits of Vibrance on sugar beet from the control of *R. solani* in trials conducted in several locations in 2015 and 2016 are presented.