

PINOXADEN + FLORASULAM: A NEW PREMIX FOR GRASS AND BROADLEAF WEED CONTROL IN WHEAT AND BARLEY. Peter C. Forster*, Donald J. Porter and Jason C. Sanders, Syngenta Crop Protection Inc., Greensboro, NC 27419.

Pinoxaden + florasulam premix is a new Syngenta selective postemergence herbicide for the US market that will provide control of a broad spectrum of troublesome grass and broadleaf weeds in wheat and barley. The premix combines two active ingredients: pinoxaden, which provides grass weed control by inhibiting acetyl-CoA carboxylase (ACCase) and florasulam, which provides broadleaf weed control by inhibiting acetolactate synthase (ALS). At the recommended use rate of 8.85 fl. oz/A + Adigor adjuvant at 9.6 fl. oz/A, the premix will provide excellent broad spectrum grass control as well as a solid foundation for control of broadleaf weeds. Additional broadleaf herbicides may be tank mixed with the premix to broaden the spectrum of weed control. The premix provides excellent crop safety and rotational crop flexibility and may be applied to all varieties of spring wheat (excluding durum), winter wheat and barley.