

AXIAL[®] XL: THE NEW STANDARD FOR GRASS CONTROL IN BARLEY AND WHEAT. Scott E. Cully, Jason Sanders, and Marty Schraer, Research and Development Scientist, Syngenta Crop Protection, Marion, IL 62959.

Axial XL is a new formulation of Axial Herbicide from Syngenta Crop Protection that contains the active ingredient pinoxaden, the safener cloquintocet-mexyl, and a novel built-in adjuvant system. Axial XL has shown excellent crop safety to all varieties of spring wheat, winter wheat and barley. Axial XL can be applied in the fall or spring from the 2-leaf stage up to the pre-boot stage of crops. At a use rate of 16.4 oz/A, Axial XL effectively controls wild oat, (*Avena fatua*), foxtails (*Setaria* species), Italian ryegrass (*Lolium multiflorum*), Persian darnel (*Lolium persicum*), barnyardgrass (*Echinochloa crus-galli*), as well as, several other annual grasses. Axial XL can be tank mixed with broadleaf herbicides for flexible one-pass grass and broadleaf weed control in wheat and barley crops. Based on its broad grass weed control spectrum, flexibility of use, excellent crop safety and convenience of a built-in spray adjuvant, Axial XL will be the new standard for grass weed control in wheat and barley.