

PERFORMANCE OF PULSAR™ HERBICIDE ON BROADLEAF WEEDS IN WHEAT AND BARLEY. Kathrin Schirmacher, Scott B. Clewis, Peter C. Forster, Donald J. Porter, and Stephen M. Schraer, Syngenta Crop Protection, Greensboro, NC 27419.

Pulsar™ is a new selective postemergence herbicide being developed for the US market by Syngenta Crop Protection for the control of broadleaf weeds in wheat and barley. Pulsar is a novel premix formulation that contains two active ingredients: dicamba and fluroxypyr. Pulsar at 8.3 fl oz/A + MCPA ester at 8.6 fl oz/A provides control of a broad spectrum of broadleaf weeds including kochia (*Kochia scoparia*), wild buckwheat (*Polygonum convolvulus*), common lambsquarters (*Chenopodium album*) and redroot pigweed (*Amaranthus retroflexus*). Pulsar can be tank mixed with other broadleaf herbicide partners to increase the weed control spectrum. In addition, Pulsar may be tank mixed with graminicides for one-pass broadleaf and grass control. Pulsar has excellent crop safety and rotational crop flexibility and may be applied to all varieties of spring wheat, winter wheat, durum and barley. Pulsar will be launched in the US market in 2010.