

HALEX GT WEED CONTROL IN GLYPHOSATE TOLERANT CORN. Brett R. Miller, Ryan D. Lins, B. David Black and Gordon D. Vail, Research and Development Scientists and Technical Brand Manager, Syngenta Crop Protection, Greensboro, NC 27419.

Halex<sup>TM</sup> GT is a new post-emergence corn herbicide specifically designed for glyphosate tolerant (GT) corn that provides the convenience of a one-pass, post-emergence glyphosate program plus residual weed control. It combines the active ingredients mesotrione, s-metolachlor and glyphosate into a unique product with excellent crop safety that controls tough grass and broadleaf weeds in corn. The target use rate of 2.21 to 2.46 kg ai/H (3.6 to 4 pt/acre) controls the most important weeds including those that have developed resistance to glyphosate, triazine or ALS-inhibiting herbicides. Halex GT will require the addition of a non-ionic surfactant (NIS) for optimal weed control. Halex GT can be tank mixed with atrazine for added broadleaf weed control or when glyphosate resistant broadleaf weeds are present or suspected. The mixture of active ingredients in Halex GT when tank mixed with atrazine provides an effective glyphosate resistance management strategy in GT corn.