

NEW ONE-PASS WEED CONTROL PROGRAMS FOR CORN IN THE NORTHWEST CORNBELT. Brett R. Miller, Adrian J. Moses and Michael D. Johnson, Syngenta Crop Protection, Greensboro, NC 27419.

Lumax<sup>TM</sup> herbicide from Syngenta Crop Protection has been widely adopted as a one pass pre-emergence herbicide for broad-spectrum weed control in corn. Lumax herbicide provides excellent control of most important broadleaf and grass weeds including velvetleaf, pigweed species, waterhemp species, common lambsquarters, common ragweed, jimsonweed, nightshade species, Pennsylvania smartweed, foxtail species, barnyardgrass, fall panicum, broadleaf signalgrass and crabgrass when used pre-emergence in corn. In the Northwest Corn Belt Lumax tank-mixes with glyphosate and glufosinate applied at an early post-emergence timing are very effective at controlling a broad range of weeds in corn hybrids tolerant to glyphosate or glufosinate. These treatments provide season long control of weeds with less dependence on activating rainfalls. Corn also has excellent tolerance to these new post-emergence herbicide options.