

SWEETCORN AND POPCORN TOLERANCE TO AE 0172747. Mike Edenfield and Jayla Allen. Bayer CropScience, Research Triangle Park, NC 27709.

AE 0172747 is a 4-HPPD inhibitor that provides post-emergence control of annual broadleaf and grass weeds in field corn, sweet corn, and popcorn. Sweet corn and popcorn hybrids have been shown to vary in their sensitivity to herbicides. Therefore, field studies were conducted from 2002-2005 to determine the impact of AE 0172747 applications at 1X and 3X rates on crop tolerance with sweet corn and popcorn hybrids. AE 0172747 proved to have excellent crop safety on a number of sweet corn and popcorn hybrids.