

WEED CONTROL IN PEPPER WITH RIMSULFURON. Joseph G. Masabni, Fruit and Vegetable Extension Specialist, University of Kentucky Research and Education Center, Princeton, KY 42445

An experiment was conducted to test the effects of rimsulfuron 0.031 lb applied pre-transplant (PRT), post-transplant (POT), and post-emergence (PO) on 2 varieties of Bell pepper, Olympus and Wizard. The experiment included other treatments such as trifluralin 1 lb applied PPI, s-metolachlor 1.33 lb applied POT, and halosulfuron 0.032 lb applied PO. Rimsulfuron resulted in non-significant levels of injury and yield reduction to both pepper varieties when applied PRT and POT. Rimsulfuron applied PO following a POT application of s-metolachlor showed little injury and gave the highest yields at levels comparable to s-metolachlor alone. Yields from plots treated with halosulfuron and s-metolachlor were higher than those treated with s-metolachlor alone on one of the 2 varieties tested. Highest level of honeyvine milkweed control was achieved with s-metolachlor applied POT. Johnsongrass and carpetweed were effectively controlled with all treatments that included s-metolachlor, halosulfuron, or rimsulfuron.