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EVALUATION OF SEED TREATMENTS VS. IN-FURROW TREATMENTS FOR CONTROL OF NEMATODES AND INSECTS

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Abstract Only

The performance of insecticides and nematicides applied to seed were compared to the performance of insecticides and nematicides applied in-furrow. A total of five trials were planted in DP 444 BG/RR at 4 seed/row ft on multiple dates and in multiple locations. Seedling survival at two and four weeks after planting; thrips counts at three and six weeks after planting; reniform nematode populations at planting, midseason (42 days after planting), and at harvest; and yield were collected for each trial. Reproductive factors for reniform populations were calculated for comparison. Results will show if seed treatments perform comparative to in-furrow applications of insecticides and nematicides.