

Teaching Weed Science at the Soybean Management Field Days. (A04-klein105601-Oral)

Authors:

- R.N.Klein* - *University of Nebraska*

Abstract:

Demonstration soybean plots were planted with 25 and 76 cm row spacing with good seed and poor seed (one half of seed treated to destroy germination). One half of each of these treatments was mowed off at the V4 stage to just above the first trifoliate to simulate hail. The purpose was to demonstrate how narrow vs wide rows, good stands vs poor stands and hail all affect weed management practices. Full, 2/3 and 1/3 rates of preemergence herbicides were used with and without a post treatment. Total post treatments were included along with demonstrating how critical the timing is for total post weed management programs. Plot signs contained all the above information plus the costs of the various treatments, including the additional cost for Roundup Ready Seed if applicable, and application costs. Prior to viewing and discussing the plots the workshop featured a presentation on the advantages, disadvantages, and risks of the various weed management programs in soybeans. Included was conventional vs Roundup Ready weed control, yields and production costs.

Corresponding Author Information:

Robert Klein	phone: 308-532-3611
University of Nebraska	fax: 308-532-3823
461 W University Drive	e-mail: rklein1@unl.edu
North Platte, NE 69101	

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Keywords:

Teaching Weed Science, Soybean Weed Control