

University of Wisconsin-Madison
Weed Science Program

Impact programs for performance and crop safety
(AMVAC)

Trial ID: 15-ROK-CN06

Location: Janesville, WI

Site and Design:

A. Treated plot width: 10 FT

B. Treated plot length: 30 FT

C. Tillage type: conventional till

D. Study design: Randomized Complete Block

Application Description:

	A	B	C
Application Date:	5/13/2015	6/2/2015	6/10/2015
Air Temperature, Unit:	67 F	70 F	84 F
% Relative Humidity:	42	53	59
Wind Velocity, Unit:	6 MPH	4 MPH	3.5 MPH
Wind Direction:	SE	S	W
Soil Temperature, Unit:	60 F	62 F	70 F
% Cloud Cover:	5	0	5

Application Equipment:

	A	B	C
Appl. Equipment:	CO2 Backpack	CO2 Backpack	CO2 Backpack
Operating Pressure, Unit:	25 PSI	25 PSI	25 PSI
Nozzle Type:	Flat Fan	Flat Fan	Flat Fan
Nozzle Size:	11002	11002	11002
Nozzle Spacing, Unit:	15 IN	15 IN	15 IN
Nozzles/Row:	8	8	8
Boom Length, Unit:	10 FT	10 FT	10 FT
Boom Height, Unit:	15 IN	15 IN	15 IN
Ground Speed, Unit:	3 MPH	3 MPH	3 MPH
Carrier:	WATER	WATER	WATER
Spray Volume, Unit:	15 GAL/AC	15 GAL/AC	15 GAL/AC
Mix Size, Unit:	1.89 L	1.89 L	1.89 L

HOW DATA WERE SUMMARIZED: Weed control, crop injury and yield were averaged among the 4 replications and values are provided in the tables. As variability in performance/safety can occur among replications we have provided standard deviations for each average. The standard deviation should be considered when comparing means among treatments as this provides users with an idea of how variable the response was observed in the field.

