

WEED MANAGEMENT TRIALS IN CORN					WEED MANAGEMENT TRIALS IN CORN									
COOPER- ATOR	LOW RATE TREATMENT				HIGH RATE TRT	HIGH RATE TREATMENT			TREATMENT DIFFERENCES					COMMENTS
	DESCRIPTION	YIELD	BROADLEAFED WEEDS/ACRE	OTHER WEED INFORMATION	DESCRIPTION	YIELD	BROAD- LEAF WEEDS- /ACRE	OTHER WEED INFORMA- TION	YIELD DIFF.	YLD. SIG.	YLD. LSD	BRDL. WEED SIG.	LOW RATE \$ BENEFIT	
MADSEN	NO ROTARY HOE, 2X CULTIVATE	170.7	--		PLANTING BAND, NO HOE, 2X CULTIVATE	170.7	--		0.0	N.S.	6.3	--	\$5.40	
MUGGE	3X HOE, 3X CULTIVATE, NO HERBICIDE	152.3	--	SIGNIFICANTLY HIGHER GRASS PRESSURE	PLANTING BAND, NO HOE, 3X CULTIVATE	158.2			-5.9	*	5.6	--	(\$9.45)	
MUGGE	1 ROTARY HOE, 1 CULTIVATION	74.6	--		PREEMERGE BAND, POST BROADCAST	77.7	--		-3.0	*	2.6	--	\$6.67	
MUGGE	4x HOE, NO GRASS HERBICIDE	166.0	--	GRASS RATING 4.2	GRASS HERBICIDE, NO HOE	168.8		5.7 GRASS RATING	-2.8	N.S.	5.8	N.S.	(\$6.76)	GRASS RATING 1 = NO GRASS, 10 = COMPLETELY GRASSY
ROSMANN	POSTEMERGE HOE ONLY	158.7	--		PRE & POST HOE	155.8	--	NO DIFFERENCE IN GRASS	2.9	N.S.	4.0	--	\$2.95	TRIED TO TIME HOE BY DEGREE-DAYS
THOMPSON	NO HOEING, 2X CULTIVATION, NO HERBICIDE	189.7	33		3X HOE, 2X CULTIVATION, NO HERBICIDE	190.0	50	DOUBLE FIRST HOEING, SINGLE SECOND	-0.3	N.S.	4.5	N.S.	\$9.28	NEITHER YIELD NOR BROADLEAFS SIGNIFICANTLY AFFECTED
WILSON	2X ROTARY HOE, 2X CULTIVATE, NO HERB.	155.6	67		PLANTING BAND, 2X HOE, 2X CULTIVATE	155.4	18		0.3	N.S.	4.4	N.S.	\$6.12	

WEED MANAGEMENT TRIALS IN SOYBEANS					WEED MANAGEMENT TRIALS IN SOYBEANS									
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	DESCRIPTION	YIELD	BROADLEAFED WEEDS/ACRE	OTHER WEED INFORMATION	DESCRIPTION	YIELD	BROAD- LEAF WEEDS- /ACRE	OTHER WEED INFORMA- TION	YIELD DIFF.	YLD. SIG.	YLD. LSD	BRDL. WEED SIG.	LOW RATE \$ BENEFIT	
GRAU	2X HOE, 2X CULTIVATE, NO HERBICIDE	51.9	--		PLANTING BAND, 1X HOE, 2X CULTIVATE	53.1	--		-1.2	N.S.	2.7	--	\$2.33	BOTH TRTS "WEED FREE"
MADSEN	ROUNDUP & 2,4-D AT PLANTING, 1 CULT	42.1	20		ROUNDUP/2,4-D, PURSUIT POST BROADCAST, 1 CULT	35.8	6		6.3	*	2.1	*	\$61.49	BOTH TREATMENTS CULTIVATED ONCE. PURSUIT STUNTED THE SOYBEAN PLANTS
MUGGE	2X HOE, 3X CULTIVATE, NO HERBICIDE	51.1	111		PLANTING BAND, 2X CULTIVATION	52.7	55		-1.5	N.S.	2.9	N.S.	(\$8.22)	ADDITIONAL TRIPS COST MORE THAN HERB. BAND
MUGGE	ROTARY HOE, 2 POSTEMERGE BANDS	37.3	--		PREEMERGE BAND, 2 POSTEMERGE BANDS	38.8	--		-1.5	N.S.	3.0	--	\$4.18	
ROSMANN	2X HOE, 2X CULTIVATE, NO HERBICIDE	50.4	186	BROADLEAF WEED COUNT = BUTTONWEEDS	PLANTING BAND, 2X HOE, 2X CULTIVATE	51.1	117	SIGNIFICANTLY HIGHER LEAF Ca, LOWER N	-0.7	N.S.	1.6	N.S.	\$4.50	
THOMPSON	NO HOE, 2X CULTIVATE, NO HERBICIDE	63.1	4		3X HOE, 2X CULTIVATE, NO HERBICIDE	61.7	10		1.4	N.S.	2.4	N.S.	\$9.28	
THOMPSON	NO ROTARY HOEING	45.5	14		2X FIRST ROTARY HOEING, 1X SECOND HOEING	44.2	6		1.3	N.S.	3.0	*	\$7.19	FALL-SEEDED RYE ON ALL PLOTS. NO GRASS IN EITHER TREATMENT
WILSON	PREPLANT & POSTEMERGE SPRAYS, 1 CULTIVATION	46.7	447		PREPLANT, PREEMERGE, & POSTEMERGE SPRAYS	47.1	15		-0.4	N.S.	2.6	*	\$0.86	