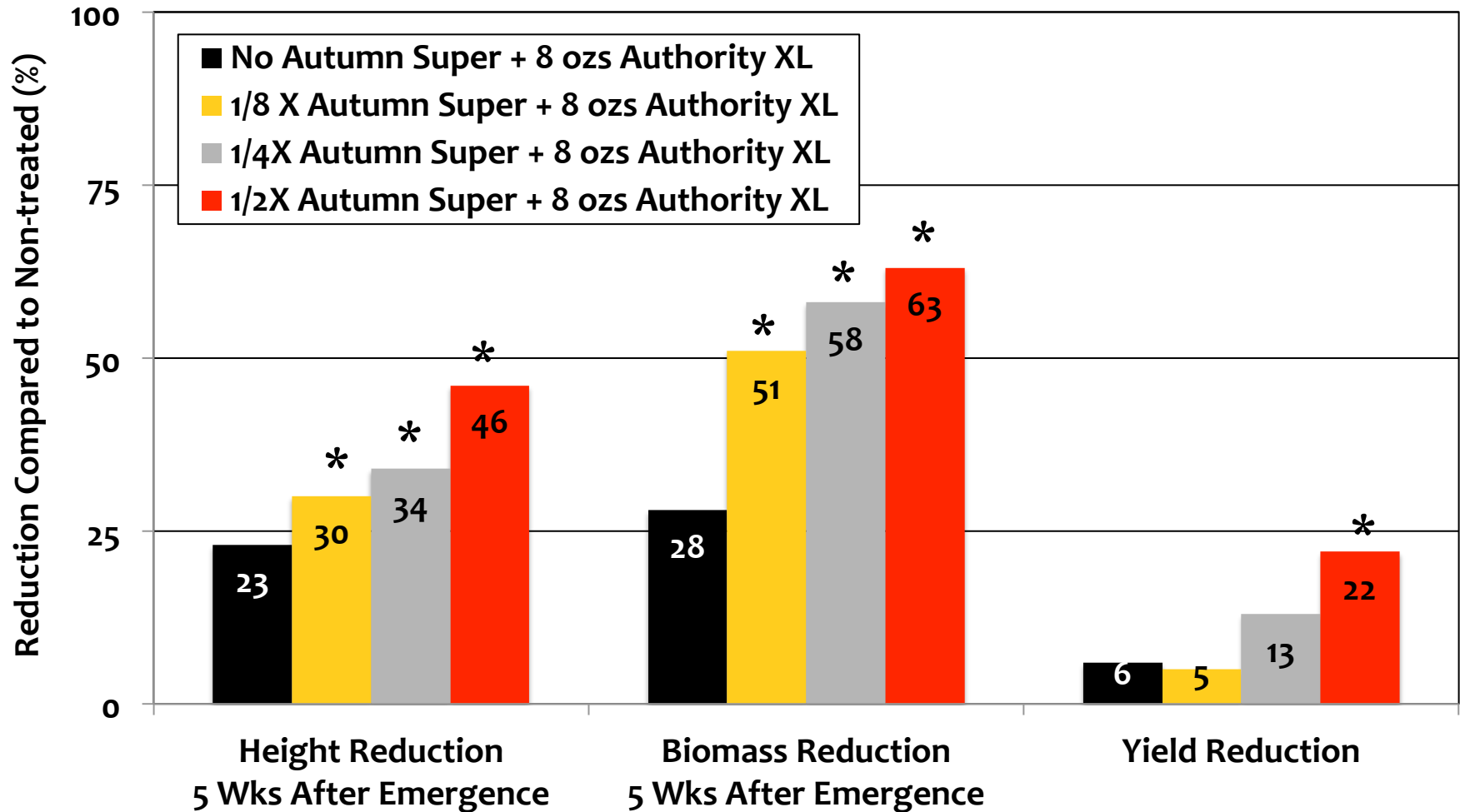


Investigation of the Additive Effect of ALS-inhibiting Herbicides on Soybean Injury and Yield Loss

Treatment	Rate	Injury 5 Wks After Emergence		
		Height	Biomass	Yield
		----% Reduction Compared to Non-treated Control----		
Autumn Super	0.0625 oz/A (1/8X)	19	22	4
	0.125 oz/A (1/4X)	13	16	1
	0.25 oz/A (1/2X)	27	37	12
	0.5 oz/A (1X)	42*	50*	47*
Basis Blend	0.15625 oz/A (1/8X)	9	1	5
	0.3125 oz/A (1/4X)	18	42	3
	0.625 oz/A (1/2X)	23	42	10
	1.25 oz/A (1X)	33*	61*	25*
Authority XL	8 ozs/A	23	28	6
+ Autumn Super	+ 0.0625 oz/A (1/8X)	30*	51*	5
+ Autumn Super	+ 0.125 oz/A (1/4X)	34*	58*	13
+ Autumn Super	+ 0.25 oz/A (1/2X)	46*	63*	22*
+ Basis Blend	+ 0.15625 oz/A (1/8X)	27	43	10
+ Basis Blend	+ 0.3125 oz/A (1/4X)	25	40	11
+ Basis Blend	+ 0.625 oz/A (1/2X)	30*	48	10
Authority Maxx	8 ozs/A	19	5	7
+ Autumn Super	+ 0.0625 oz/A (1/8X)	19	18	5
+ Autumn Super	+ 0.125 oz/A (1/4X)	23	41	5
+ Autumn Super	+ 0.25 oz/A (1/2X)	34*	43	16
+ Basis Blend	+ 0.15625 oz/A (1/8X)	14	13	4
+ Basis Blend	+ 0.3125 oz/A (1/4X)	20	30	3
+ Basis Blend	+ 0.625 oz/A (1/2X)	25	43	8

* = significant difference from the non-treated control (LSD=0.05)

Early Season Injury Doesn't Always Translate into Substantial Yield Loss



* = Treatments different from the non-treated control, $LSD_{0.05}$