

# The University of Tennessee

S. Stewart, S. Steckel, and M. Williams

## Evaluation of Commercial Seed Treatments (REC Milan, 2018, Mid-Group IV)

Description		Bean Leaf B.	Stand Counts	Thrips Injury	Vigor	Yield
Rating Date		5/16/2018	5/17/2018	5/21/2018	5/29/2018	10/4/2018
Days After Emergence		7 DAE	8 DAE	12 DAE	20 DAE	148 DAE
Treatment	Rate	% Defol.	20 Row Ft	0 - 5 Scale	0 - 5 Scale	Bushels/A
Untreated Check	----	9.75 a	86.00 a	1.15 a	4.38 d	60.50 a
Trilex Allegiance	1.00 oz/cwt	7.50 ab	110.25 a	0.95 ab	4.60 c	65.00 a
Trilex Allegiance Poncho Votivo	1.00 oz/cwt 3.28 oz/cwt	0.50 d	93.75 a	0.98 ab	4.68 bc	67.90 a
CruiserMaxx Vibrance	3.20 oz/cwt	0.75 d	95.75 a	0.55 cd	4.70 bc	65.00 a
CruiserMaxx Vibrance Avicta	3.20 oz/cwt 3.00 oz/cwt	0.50 d	110.00 a	0.43 de	4.88 a	65.10 a
Intego Suite	3.37 oz/cwt	2.00 d	112.50 a	0.80 bc	4.78 ab	64.80 a
Trilex Allegiance Gaucho 600	1.00 oz/cwt 2.50 oz/cwt	0.75 d	100.25 a	0.30 de	4.75 abc	63.80 a
Trilex Allegiance Gaucho 600 Poncho Votivo	1.00 oz/cwt 2.50 oz/cwt 3.28 oz/cwt	1.00 d	92.75 a	0.28 e	4.68 bc	67.60 a
Trilex Allegiance Lumiderm	1.00 oz/cwt 1.33 oz/cwt	3.00 cd	108.25 a	0.45 de	4.73 abc	63.10 a
Trilex Allegiance Ag Logic 15G	1.00 oz/cwt 3.00 lb/acre	5.00 bc	113.75 a	0.23 e	4.78 ab	66.10 a
LSD P=0.05		2.75	22.48	0.26	0.17	5.59
Treatment Prob(F)		0.0001	0.1623	0.0001	0.0004	0.2973

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)