

TEXAS A&M AGRI LIFE EXTENSION

2020 Cotton Fleahopper Insecticide Efficacy Trial –

Hidalgo County, TX

Holly Davis and Danielle Sekula –Texas AgriLife Research & Extension Center

Weslaco, TX

Treatment Date: 5 June 2020

	4 June (Pre-trmnt counts)		8 June (3 DAT)		11 June (6 DAT)		19 June (14 DAT)		24 June (19 DAT)		24 June (19 DAT)		
Treatment	Mean # CFH adults/ plant	Mean # CFH nymphs/ plant	Mean # CFH adults/ plant	Mean # CFH nymphs/ plant	Mean # CFH adults/ plant	Mean # CFH nymphs/ plant	Mean # CFH adults/ plant	Mean # CFH nymphs/ plant	Mean # CFH adults/ plant	Mean # CFH nymphs/ plant	Mean # squares in top 5 nodes/ plant	Mean # squares blasted/ plant	Mean % of squares blasted/ plant
Untreated	0.8	1.1	0.3a	0.6a	0.5a	0.5a	0.6a	1.4a	0.4ab	0.6a	16.0	2.3a	14.4a
PQZ @1.6 oz/a + 0.25% Dyne-Amic	0.7	1.1	0.2a	0.3b	0.2bc	0.3abc	0.5ab	1.2a	0.4ab	0.5a	15.8	1.4bc	8.6b
PQZ @ 2.4 oz/a + 0.25% Dyne-Amic	0.9	1.4	0.03c	0.03c	0.03c	0.2bc	0.4ab	0.3b	0.1b	0.2b	16.2	1.1c	6.8b
PQZ @3.2 oz/a + 0.25% Dyne-Amic	0.8	1.2	0.03c	0.03c	0.2bc	0.3abc	0.2b	0.3b	0.2b	0.1b	15.2	1.1c	7.1b
Transform @ 1.0 g/a + 0.25% Dyne-Amic	1.2	1.7	0.05bc	0.03c	0.3ab	0.1c	0.4ab	0.3b	0.1b	0.2b	15.4	1.1c	6.8b
Sefina @ 3.0 oz/a + 0.25% Dyne-Amic	0.8	1.0	0.2ab	0.4b	0.3ab	0.4ab	0.5ab	1.4a	0.6a	0.2b	15.7	1.8b	11.8a

Means within a column followed by the same letter are not significantly different ($P>0.05$; PROC ANOVA; Mean comparison by LSD [SAS 9.4]). Reference to specific products is provided for informational purposes. Experiments with pesticides on non-labeled crops or pests is part of the insecticide registration process, it does not imply endorsement or recommendation of non-labeled uses of pesticides by Texas A&M University. All pesticide use must be consistent with current labels.