

Table 2. Statistical significance of fixed effects of tillage, cover crops and weed management on yields, SWMREC 2012-2014.

	Field 1			Field 2		
	Corn 2012	Beans 2013	Cukes 2014	Squash 2012	Corn 2013	Beans 2014
	-----P-value-----					
Tillage (T) <sup>b</sup>	0.5125	0.9474	0.9222	<.0001	0.2069	0.3799
Cover crop (CC) <sup>c</sup>	0.2950	0.9532	0.0135	0.1254	0.3344	0.5445
Weed Management (W) <sup>d</sup>	<0.0001	0.0010	0.1225	0.0004	<.0001	0.1998
T x CC	0.3658	0.0491	0.0473	0.6588	0.3608	0.2568
T x W	0.7352	0.3219	0.7080	0.1619	0.0777	0.5672
CC x W	0.8060	0.1467	0.8054	0.2148	0.7806	0.3884
T x CC x W	0.4323	0.4963	0.3270	0.6333	0.9106	0.9039

<sup>a</sup> Weed management intensity was not evaluated in 2009.

<sup>b</sup> Strip tillage versus full width tillage.

<sup>c</sup> None, rye or rye-vetch (2009, 2011-2014); none vs rye in 2010.

<sup>d</sup> Standard herbicides versus reduced rates (varied by crop).