

Table 1. Tomato plant data in cover crop treatment trial, Neely-Kinyon, 2007.

Treatment	Plant height (cm)				Leaves (number/plant)			Flowers (number/plant)		Fruit (number/plant)
	June 24–26	July 3	July 17	Aug. 1	June 24-26	July 3	July 17	July 3	July 17	July 17
No cover	29.8b ^z	38.1b	55.9	76.4	8.3	13.3	37.1	0.17	18.3	1.8b
Rye and hairy vetch cover	34.9a	45.3a	57.3	74.3	8.7	12.3	40.1	0.08	19.9	3.0ab
Wheat and winter pea cover	35.6a	46.0a	58.0	72.1	9.3	12.9	39.6	0.29	22.4	5.5a
LSD 0.05	2.8	4.1	NS	NS	NS	NS	NS	NS	NS	2.6

^zMeans within a column followed by the same letter are not different at $P \leq 0.05$.

Table 2. Tomato weed populations in cover crop treatment trial, Neely-Kinyon, 2007.

Treatment	Weed populations (weeds/m ²)									
	June 20		July 3		July 17		Aug. 1		Aug. 13	
	Broadleaves	Grasses	Broadleaves	Grasses	Broadleaves	Grasses	Broadleaves	Grasses	Broadleaves	Grasses
No cover	8.3a ^z	0.17	140.3	6.8	73.5	2.3	37.8	4.5	16.0	4.5a
Rye and hairy vetch cover	1.9b	0.00	44.8	6.5	29.0	4.5	54.0	6.5	7.3	1.0b
Wheat and winter pea cover	11.4a	0.17	69.0	13.5	44.3	2.8	59.3	8.0	11.5	3.3a
LSD 0.05	6.3	NS	NS	NS	NS	NS	NS	NS	NS	1.3

^zMeans within a column followed by the same letter are not different at $P \leq 0.05$.

Table 3. Yield and tomato quality in cover crop treatment trial, Neely-Kinyon, 2007.

Treatment	Yield (fruit/acre)	Tomato quality (%)		
		No. 1	No. 2	No. 3
No cover	645,269 ^z	83.4b	6.8ab	9.8
Rye and hairy vetch cover	583,123	90.8a	5.0b	4.2
Wheat and winter pea cover	547,114	85.5b	7.4a	7.1
LSD 0.05	NS	5.3	2.0	NS

^zMeans within a column followed by the same letter are not different at $P \leq 0.05$.

Table 4. Soybean and corn data in cover crop treatment trial, Neely-Kinyon, 2007.

Crop	Treatment	Weed populations (weeds/m ²)				Yield (bu/ acre)	Corn borer evidence (%)	Corn borer presence (%)
		June 7		June 21				
		Broadleaves	Grasses	Broadleaves	Grasses			
Soybean	No cover	2.75b ^z	2.17	0.25b	0.25	50.45a	--	--
	Rye and hairy vetch cover	2.08b	2.83	2.08b	0.08	43.41b	--	--
	Wheat and winter pea cover	6.50a	2.25	7.33a	0.33	45.55b	--	--
	LSD 0.05	2.71	NS	2.18	NS	4.61	--	--
	Corn	No cover	2.17b	1.33b	1.00b	0.08b	123.87	8.3
	Rye and hairy vetch cover	10.17ab	0.67b	6.83b	0.33b	10.0 ^y	8.3	0.00
	Wheat and winter pea cover	18.00a	13.33a	21.92a	12.42a	10.15	16.7	0.00
	LSD 0.05	11.29	4.17	7.38	5.40	N/A	NS	NS

^zMeans within a column followed by the same letter are not different at $P \leq 0.05$.

^yYield estimate due to lack of harvestable ears.

Table 5. Soybean grain quality in cover crop treatment trial, Neely-Kinyon, 2007.

Crop	Treatment	Grain quality (%)			
		Moisture	Protein	Oil	Starch
Soybean	No cover	11.79c ^z	34.38	18.74a	24.39
	Rye and hairy vetch cover	12.20b	35.22	18.11b	24.16
	Wheat and winter pea cover	14.61a	34.43	18.70a	24.37
	LSD 0.05	0.16	NS	0.44	NS

^zMeans within a column followed by the same letter are not different at $P \leq 0.05$.