

Table 1. Processing Tomato Transplants as Delivery Systems for Biological Control Agents - 2003
VCB, Fremont, OH

Cultivar: 'OX 150'	One month after transplant		Red T/A	Average red fruit wt (lbs)	Green T/A	Culls T/A
	Plant ht. (cm)	Stem diam. (mm)				
Untreated Check	36.8	13.9	25.0	0.13	4.1	6.4
Companion	36.7	13.4	22.1	0.11	4.3	6.3
PlantShield HC	36.8	13.5	25.7	0.11	3.4	4.8
Companion + PlantShield HC	36.5	13.9	19.7	0.13	3.3	7.3
LSD (0.05)	NS	NS	NS	NS	NS	NS
CV	6.1	5.0	25.1	11.5	54.2	28.1

Table 2. Pepper Transplants as Delivery Systems for Biocontrol Agents - 2003
Veg Crops Branch, Fremont, OH

Cultivar: 'Merlin'	One month after transplant		SEASON TOTALS				
	Plant ht. (cm)	Stem diam. (mm)	Marketable T/A	Marketable fruit number/A	Average fruit wt (lbs)	Culls T/A	Cull fruit number/A
Untreated check	19.0a	7.08a	21.1	108464	0.39	0.34	2178
Companion	16.9 b	6.55 b	19.7	104196	0.38	0.41	2701
Plant Shield HC	17.5ab	6.85ab	19.2	104283	0.37	0.23	1481
Companion + PlantShield HC	16.4 b	6.40 b	19.5	102714	0.38	0.49	3223
LSD (0.05)	1.8	0.49	NS	NS	NS	NS	NS
C.V.	8.4	5.9	20.6	20.9	5.6	72	75.3

Table 3. Pepper Transplants as Biocontrol Delivery Systems - 2003
Grower site, Fremont, OH
One harvest only

Cultivar 'Merlin'	One mth. after transplant	Marketable T/A	Marketable fruit number/A	Average fruit wt (lbs)	Culls T/A	Cull fruit number/A
	Plant ht (cm)					
Untreated check	18.1	2.8	18392	0.31	0.03	194
Companion	18.0	5.1	29040	0.35	0.19	387
PlantShield HC	18.4	2.2	14133	0.32	0.03	194
Companion + PlantShield HC	17.1	4.1	25749	0.32	0.05	387
LSD (0.05)	NS	NS	NS	NS	NS	NS
C.V.	5.5	47.9	44.7	8.7	75.8	44.0