

**SARE Grant - FNC22-1330 - Mitigating and Eliminating the Impact of Aphids and White Moth Butterflies on Practices  
Cabbages, Okra and Collards Using Sustainable Agricultural Practices**

Year	Week of Planting	# of Plants Planted/Remaining - N=8	# of Plants in Control Group - No Treatment - N=2	Pests Spotted-1	Pests Spotted 2	Solutions - # of Weekly Applications	Solutions - # of Weekly Applications	Solutions - # of Weekly Applications	Solutions	Solutions	Results
2023		Okra		Aphids	Caterpillar/White Moth	Hosing/Watering	Neem Oil	BT	Netting/Mesh	Beneficial Insects	
	18-Jun	8	2	No	Yes	5	0	0	Yes	No	No change
	25-Jun	8	2	No	Yes	5	0	0	Yes	No	No change
	2-Jul	8	2	No	Yes	5	0	0	Yes	No	No change
	9-Jul	8	2	No	Yes	5	3	0	Yes	No	No change
	16-Jul	8	2	Yes	Yes	5	4	0	Yes	No	Minor holes in leaves/brown spots
	23-Jul	6	2	Yes	Yes	5	4	0	Yes	No	Minor holes in leaves/brown spots
	30-Jul	6	1	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield
	6-Aug	6	1	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield
	13-Aug	6	1	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield
	20-Aug	4	0	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield
	27-Aug	4	0	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield

\*BT= bacillus thuringiensis

\* DE = diatomaceous earth