

**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
2022		Okra		Aphids	Caterpillar/White Moth	Hosing/Watering	Neem Oil	BT	Netting/Mesh	Beneficial Insects	
	18-Jul	8	2	No	Yes	5	0	0	Yes	No	No change
	25-Jul	8	2	No	Yes	5	0	0	Yes	No	No change
	1-Aug	8	2	No	Yes	5	0	0	Yes	No	No change
	8-Aug	8	2	No	Yes	5	3	0	Yes	No	No change
	15-Aug	8	2	Yes	Yes	5	4	0	Yes	No	Minor holes in leaves/brown spots
	22-Aug	6	2	Yes	Yes	5	4	0	Yes	No	Minor holes in leaves/brown spots
	29-Aug	6	1	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield
	5-Sep	6	1	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield
	12-Sep	6	1	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield
	19-Sep	4	0	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield
	26-Sep	4	0	Yes	Yes	5	4	0	No	No	Lost plants/stalks died/reduced yield

*BT= bacillus thuringiensis

* DE = diatomaceous earth