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

			Cabbage	es, Okra and Co	ollards Using Sustainable Agricultural			Practices			
		# of Plants	# of Plants in			Solutions - # of	Solutions - #	Solutions - #			
	Week of	Planted/Remaining -	Control Group - No		Pests Spotted	Weekly	of Weekly	of Weekly			
Year	Planting	N=8	Treatment - N=2	Pests Spotted-1	2	Applications	Applications	Applications	Solutions	Solutions	Results
					Caterpillar/W						
					hite Moth	Hosing/Waterin			Netting/Me		
2022		Okra		Aphids		g	Neem Oil	ВТ	sh	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
	17105		_					Ť	100		The entirings
	8-Aug	8	2	No	Yes	5	3	0	Yes	No	No change
											Minor holes in
	15 4	0	2	Vaa	Vaa	_	١,		Vaa	No	leaves/brown
	15-Aug	8		Yes	Yes	5	4	U	Yes	NO	spots
											Minorhologia
											Minor holes in leaves/brown
	22-Aug	6	2	Yes	Yes	5	4	0	Yes	No	spots
	ZZ-Aug	0		163	103		-		163	140	Lost
											plants/stalks
											died/reduced
	29-Aug	6	1	Yes	Yes	5	4	0	No	No	yield
											Lost
											plants/stalks
											died/reduced
	5-Sep	6	1	Yes	Yes	5	4	0	No	No	yield
											Lost
											plants/stalks
											died/reduced
	12-Sep	6	1	Yes	Yes	5	4	0	No	No	yield
											Lost plants/stalks
											died/reduced
	19-Sep	4	0	Yes	Yes	5	4	0	No	No	yield
-	19-96h	4	0	163	163	3	4	"	INU	140	Lost
											plants/stalks
											died/reduced
	26-Sep	4	0	Yes	Yes	5	4	0	No	No	yield

^{*}BT= bacillus thuringiensis

^{*} DE = diatomaceous earth