

Brown Marmorated Stink Bug Monitoring in North Carolina

2018 Results



Supported by USDA-NIFA-SCRI #2016-51181-25409

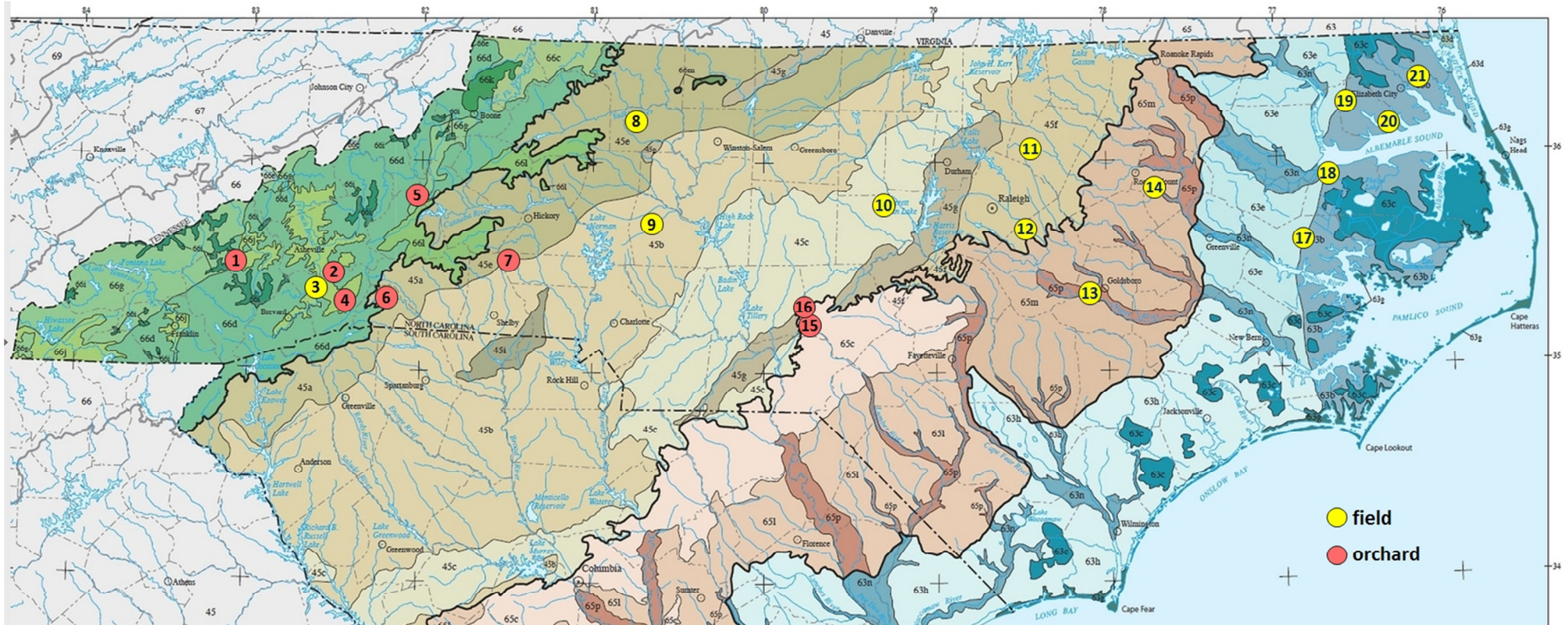
Compiled by Steve Schoof

2018 Sticky trap captures

All North Carolina sites

Site	Ecoregion	County	Season total bugs per trap				
			BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
1	66	Haywood	53.7	7.0	59.7	0.0	8.7
2	66	Henderson	89.2	58.2	143.2	0.5	9.7
3	66	Henderson	344.7	448.0	787.0	1.0	19.3
4	66	Henderson	15.0	1.0	16.0	0.0	5.0
5	66	McDowell	127.0	27.4	154.0	0.0	4.7
6	45	Polk	127.7	10.7	138.3	0.0	16.0
7	45	Lincoln	145.3	307.4	462.0	5.7	14.3
8	45	Yadkin	166.7	131.4	295.7	4.7	11.3
9	45	Rowan	111.3	299.0	422.0	31.7	7.0
10	45	Chatham	45.3	26.4	75.0	0.0	3.7
11	45	Franklin	39.3	156.6	196.3	0.0	18.7
12	45	Johnston	64.0	105.7	175.7	0.0	35.3
13	45	Wayne	29.3	36.2	63.7	0.0	23.3
14	65	Edgecombe	12.3	6.7	18.7	0.0	20.7
15	65	Montgomery 1	14.5	36.5	51.0	0.0	0.5
16	65	Montgomery 2	59.0	128.5	187.5	0.0	0.5
17	63	Beaufort	3.0	0.0	3.0	11.5	3.5
18	63	Washington	2.0	0.0	2.0	21.0	0.5
19	63	Chowan/ Perquimans	0.0	0.0	0.0	1.5	7.0
20	63	Perquimans	0.0	0.0	0.0	0.0	1.5
21	63	Camden	0.0	0.0	0.0	0.5	4.5

2018 BMSB Trapping Sites in North Carolina

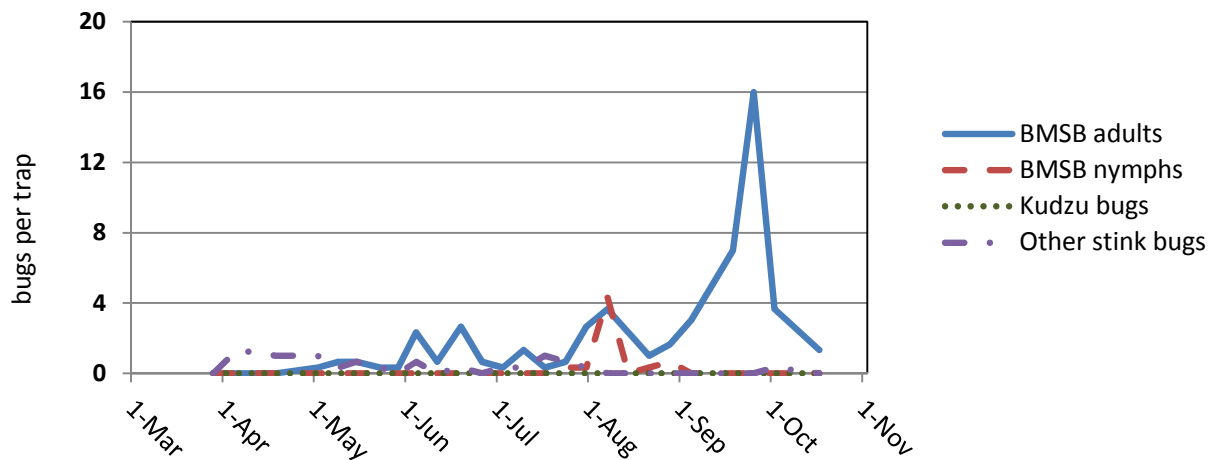


2018 Sticky trap captures

Site 1 (Apple) – Haywood County, NC

Ecoregion 66, elevation 2950' (35.454614, -83.033756)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
29-Mar	0.0	0.0	0.0	0.0	0.0
6-Apr	0.0	0.0	0.0	0.0	1.3
19-Apr	0.0	0.0	0.0	0.0	1.0
3-May	0.3	0.0	0.3	0.0	1.0
10-May	0.7	0.0	0.7	0.0	0.3
16-May	0.7	0.0	0.7	0.0	0.7
24-May	0.3	0.0	0.3	0.0	0.3
30-May	0.3	0.0	0.3	0.0	0.0
5-Jun	2.3	0.0	2.3	0.0	0.7
12-Jun	0.7	0.0	0.7	0.0	0.0
20-Jun	2.7	0.0	2.7	0.0	0.3
27-Jun	0.7	0.0	0.7	0.0	0.0
4-Jul	0.3	0.0	0.3	0.0	0.3
11-Jul	1.3	0.0	1.3	0.0	0.3
18-Jul	0.3	0.0	0.3	0.0	1.0
25-Jul	0.7	0.3	1.0	0.0	0.7
1-Aug	2.7	0.3	3.0	0.0	0.3
8-Aug	3.7	4.3	8.0	0.0	0.0
15-Aug	2.3	0.0	2.3	0.0	0.0
22-Aug	1.0	0.3	1.3	0.0	0.0
29-Aug	1.7	0.7	2.3	0.0	0.0
5-Sep	3.0	0.0	3.0	0.0	0.0
19-Sep	7.0	0.0	7.0	0.0	0.0
26-Sep	16.0	0.0	16.0	0.0	0.0
3-Oct	3.7	0.0	3.7	0.0	0.3
18-Oct	1.3	0.0	1.3	0.0	0.0
Season Total	53.7	6.0	59.7	0.0	8.7

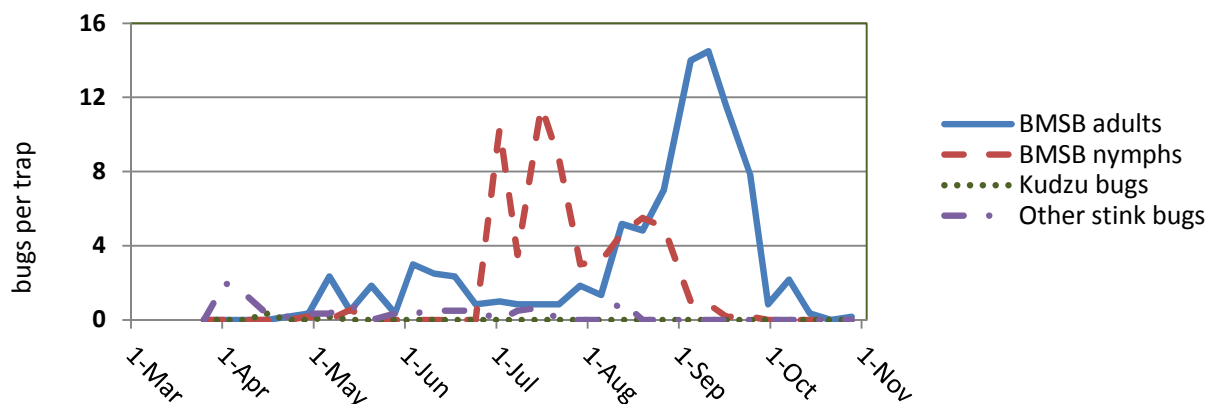


2018 Sticky trap captures

Site 2 (Apple/Peach/Ornamental) – Henderson County, NC

Ecoregion 66, elevation 2140' (35.429512, -82.564452)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
26-Mar	0.0	0.0	0.0	0.0	0.0
2-Apr	0.0	0.0	0.0	0.0	2.0
9-Apr	0.0	0.0	0.0	0.0	1.3
16-Apr	0.0	0.0	0.0	0.3	0.3
23-Apr	0.2	0.0	0.2	0.0	0.2
30-Apr	0.3	0.2	0.3	0.0	0.3
7-May	2.3	0.0	2.3	0.2	0.3
14-May	0.5	0.5	0.5	0.0	0.8
21-May	1.8	0.0	1.8	0.0	0.0
29-May	0.3	0.0	0.3	0.0	0.3
4-Jun	3.0	0.0	3.0	0.0	0.3
11-Jun	2.5	0.0	2.5	0.0	0.5
18-Jun	2.3	0.0	2.3	0.0	0.5
25-Jun	0.8	0.0	0.8	0.0	0.5
3-Jul	1.0	10.3	11.3	0.0	0.0
9-Jul	0.8	3.5	4.3	0.0	0.5
17-Jul	0.8	11.5	12.2	0.0	0.7
23-Jul	0.8	8.7	9.5	0.0	0.0
30-Jul	1.8	3.0	4.8	0.0	0.0
6-Aug	1.3	3.2	4.5	0.0	0.0
13-Aug	5.2	4.7	9.8	0.0	1.0
20-Aug	4.8	5.5	10.3	0.0	0.0
27-Aug	7.0	5.0	8.7	0.0	0.0
5-Sep	14.0	1.0	15.0	0.0	0.0
11-Sep	14.5	0.8	15.3	0.0	0.0
17-Sep	11.5	0.2	11.7	0.0	0.0
25-Sep	7.8	0.2	8.0	0.0	0.0
1-Oct	0.8	0.0	0.8	0.0	0.0
8-Oct	2.2	0.0	2.2	0.0	0.0
15-Oct	0.3	0.0	0.3	0.0	0.0
22-Oct	0.0	0.0	0.0	0.0	0.0
29-Oct	0.2	0.0	0.2	0.0	0.0
Season total	89.2	58.2	143.2	0.5	9.7

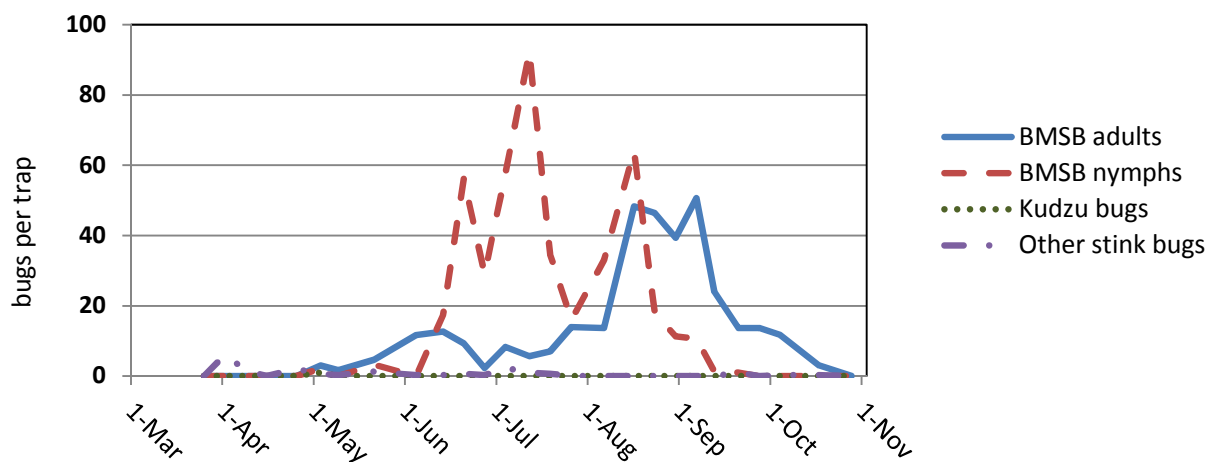


2018 Sticky trap captures

Site 3 (Tomato/Bean/Pepper) – Henderson County, NC

Ecoregion 66, elevation 2068' (35.390560, -82.557498)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
26-Mar	0.0	0.0	0.0	0.0	0.0
2-Apr	0.0	0.0	0.0	0.0	6.0
9-Apr	0.0	0.0	0.0	0.0	1.7
16-Apr	0.0	0.0	0.0	0.0	0.0
26-Apr	0.0	0.0	0.0	0.0	2.0
4-May	3.0	2.1	3.0	1.0	0.7
10-May	1.7	0.0	1.7	0.0	0.3
22-May	4.7	3.2	4.7	0.0	1.3
5-Jun	11.7	0.0	11.7	0.0	0.3
14-Jun	12.7	17.3	30.0	0.0	0.3
21-Jun	9.3	56.3	65.7	0.0	0.7
28-Jun	2.3	29.0	31.3	0.0	0.3
5-Jul	8.3	57.7	66.0	0.0	2.3
13-Jul	5.7	92.3	98.0	0.0	1.0
20-Jul	7.0	34.7	41.7	0.0	0.7
27-Jul	14.0	16.0	30.0	0.0	0.0
7-Aug	13.7	33.0	46.7	0.0	0.0
17-Aug	48.3	64.0	112.3	0.0	0.0
24-Aug	46.3	18.0	64.3	0.0	0.0
31-Aug	39.3	11.3	50.7	0.0	0.0
7-Sep	50.7	10.7	61.3	0.0	0.0
13-Sep	24.0	1.3	25.3	0.0	0.0
21-Sep	13.7	1.0	14.3	0.0	1.0
28-Sep	13.7	0.0	13.7	0.0	0.0
5-Oct	11.7	0.0	11.7	0.0	0.3
18-Oct	3.0	0.0	3.0	0.0	0.3
29-Oct	0.0	0.0	0.0	0.0	0.0
Season total	344.7	448.0	787.0	1.0	19.3

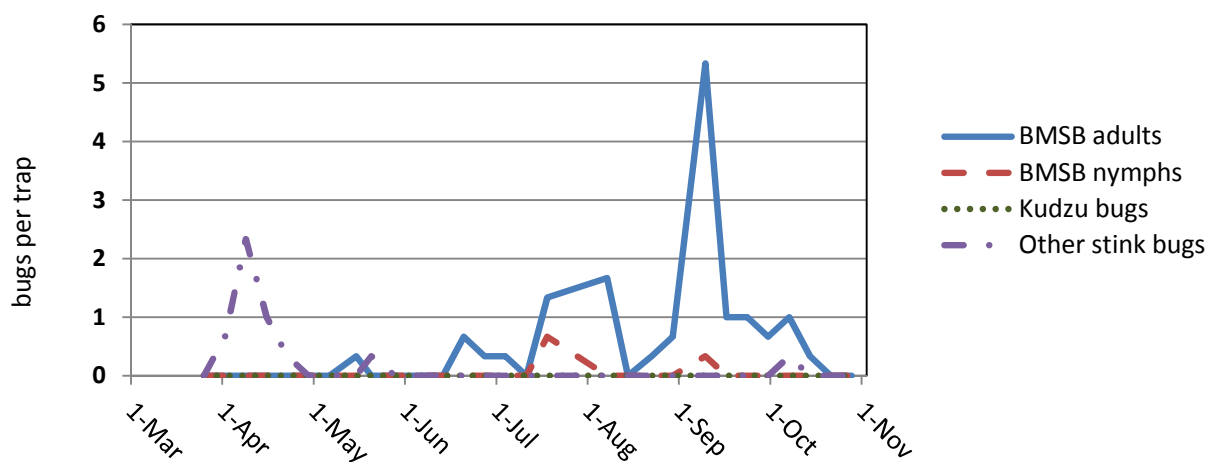


2018 Sticky trap captures

Site 4 (Apple) – Henderson County, NC

Ecoregion 66, elevation 2204' (35.374015, -82.360279)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
26-Mar	0.0	0.0	0.0	0.0	0.0
2-Apr	0.0	0.0	0.0	0.0	0.7
9-Apr	0.0	0.0	0.0	0.0	2.3
16-Apr	0.0	0.0	0.0	0.0	1.0
23-Apr	0.0	0.0	0.0	0.0	0.3
30-Apr	0.0	0.0	0.0	0.0	0.0
7-May	0.0	0.0	0.0	0.0	0.0
16-May	0.3	0.0	0.3	0.0	0.0
21-May	0.0	0.0	0.0	0.0	0.3
29-May	0.0	0.0	0.0	0.0	0.0
4-Jun	0.0	0.0	0.0	0.0	0.0
14-Jun	0.0	0.0	0.0	0.0	0.0
21-Jun	0.7	0.0	0.7	0.0	0.0
28-Jun	0.3	0.0	0.3	0.0	0.0
5-Jul	0.3	0.0	0.3	0.0	0.0
12-Jul	0.0	0.0	0.0	0.0	0.0
19-Jul	1.3	0.7	2.0	0.0	0.0
8-Aug	1.7	0.0	1.7	0.0	0.0
15-Aug	0.0	0.0	0.0	0.0	0.0
23-Aug	0.3	0.0	0.3	0.0	0.0
30-Aug	0.7	0.0	0.7	0.0	0.0
10-Sep	5.3	0.3	5.7	0.0	0.0
17-Sep	1.0	0.0	1.0	0.0	0.0
24-Sep	1.0	0.0	1.0	0.0	0.0
1-Oct	0.7	0.0	0.7	0.0	0.0
8-Oct	1.0	0.0	1.0	0.0	0.3
15-Oct	0.3	0.0	0.3	0.0	0.0
22-Oct	0.0	0.0	0.0	0.0	0.0
29-Oct	0.0	0.0	0.0	0.0	0.0
Season total	15.0	1.0	16.0	0.0	5.0

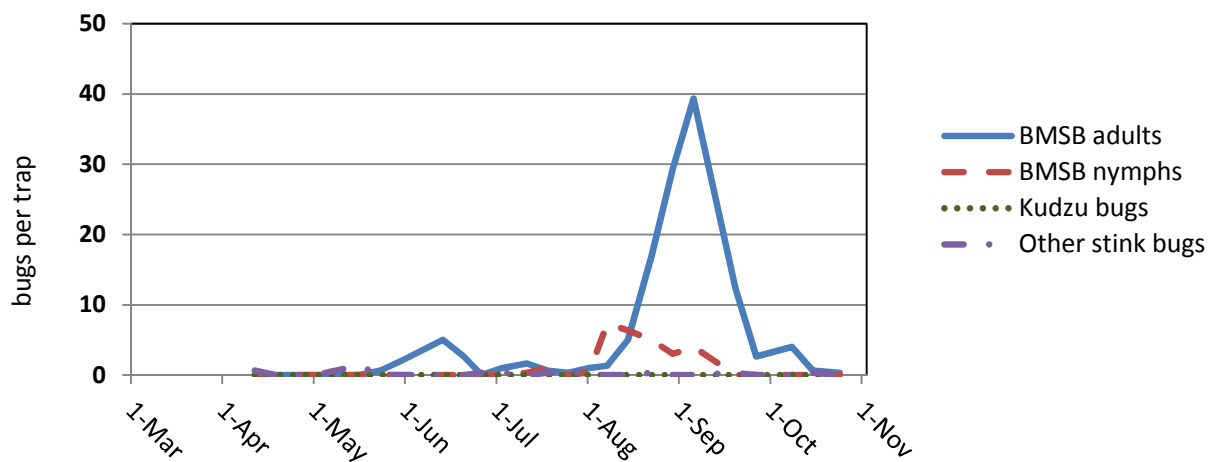


2018 Sticky trap captures

Site 5 (Apple) – McDowell County, NC

Ecoregion 66, elevation 2837' (35.882454, -82.018831)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
12-Apr	0.0	0.0	0.0	0.0	0.7
19-Apr	0.0	0.0	0.0	0.0	0.0
2-May	0.0	0.0	0.0	0.0	0.0
17-May	0.0	0.0	0.0	0.0	1.3
24-May	0.7	0.0	0.7	0.0	0.0
31-May	2.0	0.0	2.0	0.0	0.0
14-Jun	5.0	0.0	5.0	0.0	0.0
21-Jun	2.7	0.0	2.7	0.0	0.0
27-Jun	0.0	0.0	0.0	0.0	0.3
4-Jul	1.0	0.0	1.0	0.0	0.3
12-Jul	1.7	0.3	2.0	0.0	0.0
19-Jul	0.7	1.0	1.7	0.0	0.3
26-Jul	0.3	0.0	0.3	0.0	0.7
2-Aug	1.0	0.4	1.0	0.0	0.0
8-Aug	1.3	7.3	8.7	0.0	0.0
15-Aug	5.0	6.3	11.3	0.0	0.0
23-Aug	17.0	5.0	22.0	0.0	0.3
30-Aug	29.3	3.0	32.3	0.0	0.0
6-Sep	39.3	4.0	43.3	0.0	0.0
20-Sep	12.3	0.0	12.3	0.0	0.3
27-Sep	2.7	0.0	2.7	0.0	0.0
9-Oct	4.0	0.0	4.0	0.0	0.0
16-Oct	0.7	0.0	0.7	0.0	0.3
25-Oct	0.3	0.0	0.3	0.0	0.0
Season total	127.0	27.4	154.0	0.0	4.7

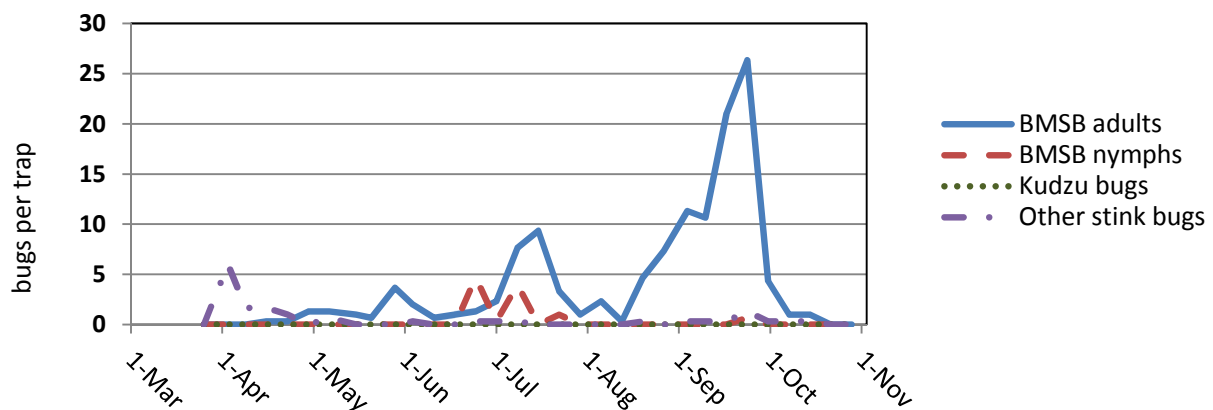


2018 Sticky trap captures

Site 6 (Apple) – Polk County, NC

Ecoregion 45, elevation 1006' (35.367226, -82.177109)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
26-Mar	0.0	0.0	0.0	0.0	0.0
3-Apr	0.0	0.0	0.0	0.0	6.0
9-Apr	0.0	0.0	0.0	0.0	1.7
16-Apr	0.3	0.0	0.3	0.0	1.7
23-Apr	0.3	0.0	0.3	0.0	1.0
30-Apr	1.3	0.0	1.3	0.0	0.0
7-May	1.3	0.0	1.3	0.0	0.7
16-May	1.0	0.0	1.0	0.0	0.0
21-May	0.7	0.0	0.7	0.0	0.0
29-May	3.7	0.0	3.7	0.0	0.0
4-Jun	2.0	0.0	2.0	0.0	0.3
11-Jun	0.7	0.0	0.7	0.0	0.0
18-Jun	1.0	0.0	1.0	0.0	0.0
25-Jun	1.3	4.7	6.0	0.0	0.3
2-Jul	2.3	0.3	2.7	0.0	0.3
9-Jul	7.7	4.0	11.7	0.0	0.3
16-Jul	9.3	0.0	9.3	0.0	0.0
23-Jul	3.3	1.0	4.3	0.0	0.0
30-Jul	1.0	0.0	1.0	0.0	0.0
6-Aug	2.3	0.0	2.3	0.0	0.0
13-Aug	0.3	0.0	0.3	0.0	0.0
20-Aug	4.7	0.0	4.7	0.0	0.3
27-Aug	7.3	0.0	7.3	0.0	0.0
4-Sep	11.3	0.0	11.3	0.0	0.3
10-Sep	10.7	0.0	10.7	0.0	0.3
17-Sep	21.0	0.0	21.0	0.0	0.3
24-Sep	26.3	0.7	27.0	0.0	1.3
1-Oct	4.3	0.0	4.3	0.0	0.3
8-Oct	1.0	0.0	1.0	0.0	0.3
15-Oct	1.0	0.0	1.0	0.0	0.3
22-Oct	0.0	0.0	0.0	0.0	0.0
29-Oct	0.0	0.0	0.0	0.0	0.0
Season total	127.7	10.7	138.3	0.0	16.0

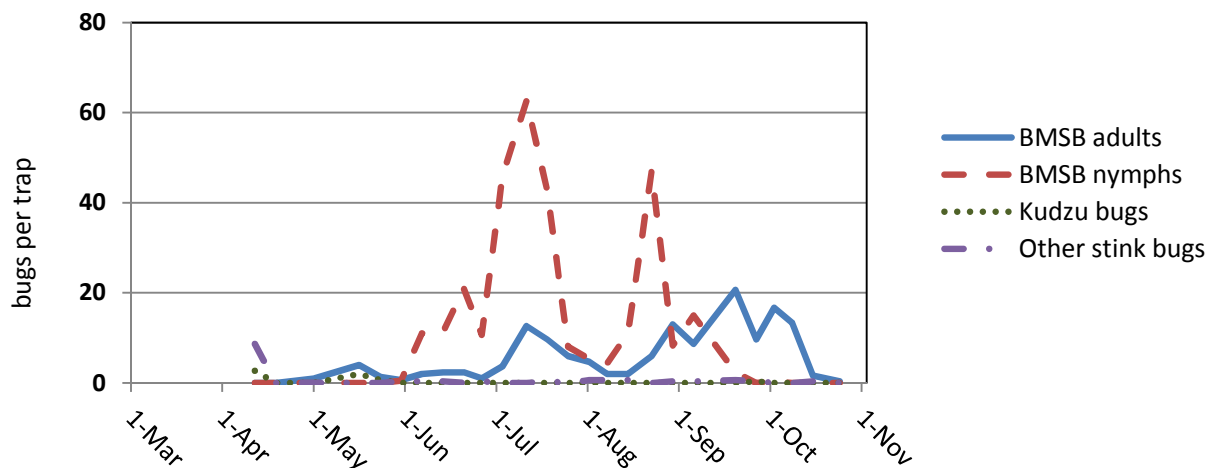


2018 Sticky trap captures

Site 7 – Lincoln County, NC

Ecoregion 45, elevation 1263' (35.55783, -81.502790)

Date	Bugs per trap				
	BMSB Adults	BMSB Nymphs	Total BMSB	Kudzu bugs	Other stink bugs
12-Apr	0.0	0.0	0.0	2.7	8.7
19-Apr	0.0	0.0	0.0	0.0	0.0
2-May	1.0	0.0	1.0	0.0	0.0
17-May	4.0	0.0	4.0	2.0	0.0
24-May	1.3	0.0	1.3	0.7	0.0
31-May	0.7	0.5	0.7	0.0	0.3
7-Jun	2.0	11.0	13.0	0.0	0.3
14-Jun	2.3	11.2	16.7	0.0	0.3
21-Jun	2.3	21.0	23.3	0.0	0.0
27-Jun	1.0	10.7	11.7	0.0	0.3
4-Jul	3.7	46.0	49.7	0.0	0.0
12-Jul	12.7	62.7	75.3	0.0	0.0
19-Jul	9.7	42.7	52.3	0.0	0.3
26-Jul	6.0	8.0	14.0	0.0	0.0
2-Aug	4.7	5.3	10.0	0.0	0.7
8-Aug	2.0	4.3	6.3	0.0	0.7
15-Aug	2.0	11.0	13.0	0.0	0.7
23-Aug	6.0	47.0	59.7	0.0	0.0
30-Aug	13.0	8.3	21.3	0.0	0.3
6-Sep	8.7	15.0	23.7	0.0	0.3
20-Sep	20.7	2.3	23.0	0.0	0.7
27-Sep	9.7	0.0	9.7	0.3	0.3
3-Oct	16.7	0.3	17.0	0.0	0.0
9-Oct	13.3	0.0	13.3	0.0	0.0
16-Oct	1.7	0.0	1.7	0.0	0.3
25-Oct	0.3	0.0	0.3	0.0	0.0
Season total	145.3	307.4	462.0	5.7	14.3

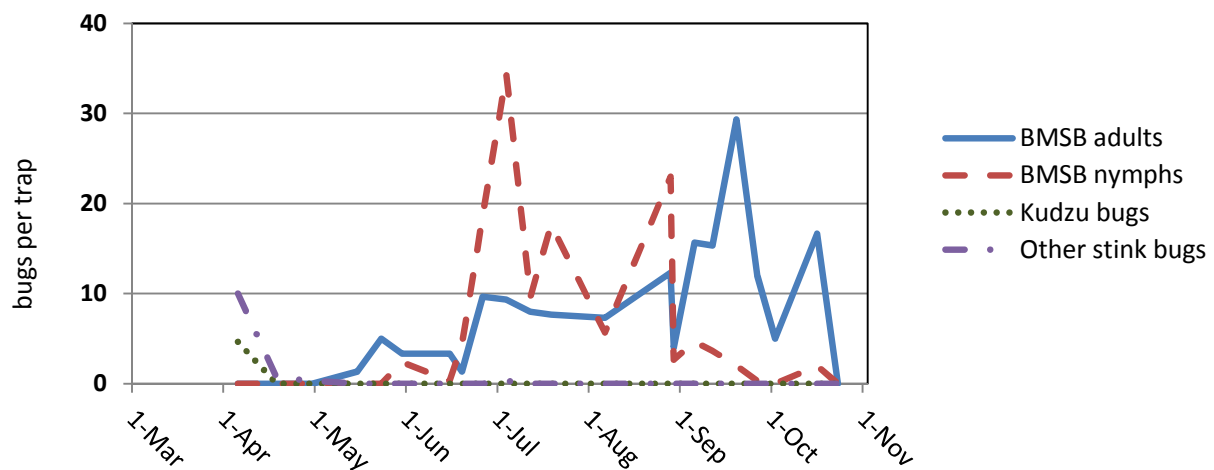


2018 Sticky trap captures

Site 8 (Corn/Soybean) – Yadkin County, NC

Ecoregion 45, elevation 946' (36.194335, -80.694849)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
6-Apr	0.0	0.0	0.0	4.7	10.0
19-Apr	0.0	0.0	0.0	0.0	0.7
1-May	0.0	0.0	0.0	0.0	0.3
16-May	1.3	0.0	1.3	0.0	0.0
24-May	5.0	0.0	5.0	0.0	0.0
31-May	3.3	2.4	3.3	0.0	0.0
16-Jun	3.3	0.3	3.7	0.0	0.0
20-Jun	1.3	4.3	5.7	0.0	0.0
27-Jun	9.7	18.7	28.3	0.0	0.0
5-Jul	9.3	34.3	43.7	0.0	0.3
13-Jul	8.0	9.7	17.7	0.0	0.0
20-Jul	7.7	17.7	25.3	0.0	0.0
7-Aug	7.3	5.7	13.0	0.0	0.0
29-Aug	12.3	23.0	35.3	0.0	0.0
30-Aug	4.0	2.7	6.7	0.0	0.0
6-Sep	15.7	4.7	20.3	0.0	0.0
12-Sep	15.3	3.7	19.0	0.0	0.0
20-Sep	29.3	2.0	31.3	0.0	0.0
27-Sep	12.0	0.3	12.3	0.0	0.0
3-Oct	5.0	0.0	5.0	0.0	0.0
17-Oct	16.7	2.0	18.7	0.0	0.0
24-Oct	0.0	0.0	0.0	0.0	0.0
Season total	166.7	131.4	295.7	4.7	11.3

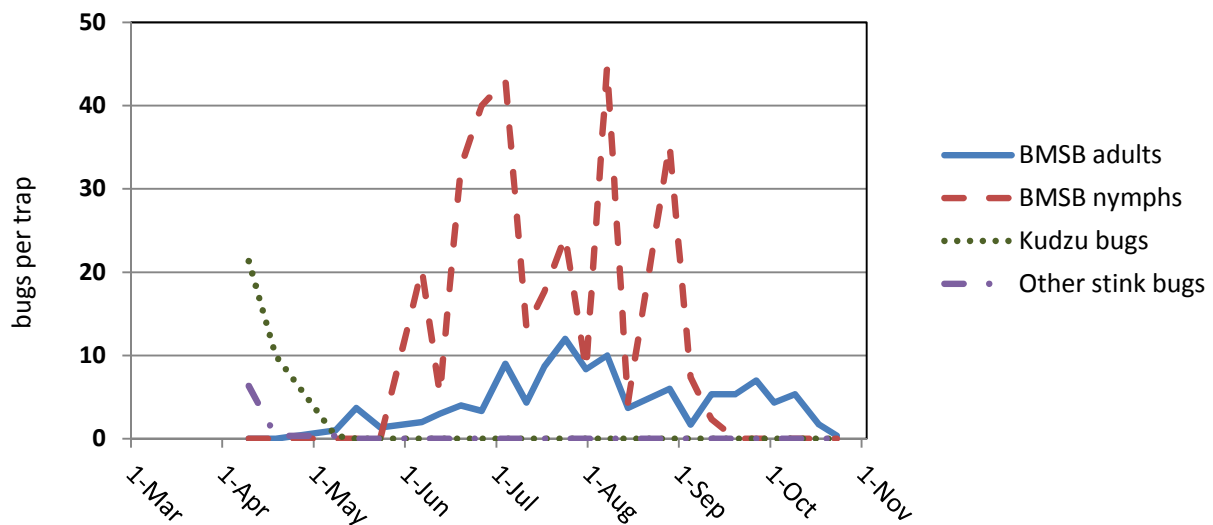


2018 Sticky trap captures

Site 9 (Corn) – Rowan County, NC

Ecoregion 45, elevation 738' (35.701290, -80.620846)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
10-Apr	0.0	0.0	0.0	21.3	6.3
19-Apr	0.0	0.0	0.0	10.0	0.3
9-May	1.0	0.0	1.0	0.3	0.3
16-May	3.7	0.0	3.7	0.0	0.0
24-May	1.3	0.0	1.3	0.0	0.0
7-Jun	2.0	20.3	22.3	0.0	0.0
13-Jun	3.0	5.3	8.3	0.0	0.0
20-Jun	4.0	32.7	48.7	0.0	0.0
27-Jun	3.3	40.0	43.3	0.0	0.0
5-Jul	9.0	43.0	52.0	0.0	0.0
12-Jul	4.3	13.3	17.7	0.0	0.0
18-Jul	8.7	17.7	26.3	0.0	0.0
25-Jul	12.0	24.3	36.3	0.0	0.0
25-Jun	8.3	8.3	16.0	0.0	0.0
8-Aug	10.0	44.7	54.7	0.0	0.0
15-Aug	3.7	4.3	8.0	0.0	0.0
29-Aug	6.0	35.3	41.3	0.0	0.0
5-Sep	1.7	7.3	9.0	0.0	0.0
12-Sep	5.3	2.3	7.7	0.0	0.0
20-Sep	5.3	0.0	5.3	0.0	0.0
27-Sep	7.0	0.0	7.0	0.0	0.0
3-Oct	4.3	0.0	4.3	0.0	0.0
10-Oct	5.3	0.0	5.7	0.0	0.0
18-Oct	1.7	0.0	1.7	0.0	0.0
24-Oct	0.3	0.0	0.3	0.0	0.0
Season total	111.3	299.0	422.0	31.7	7.0

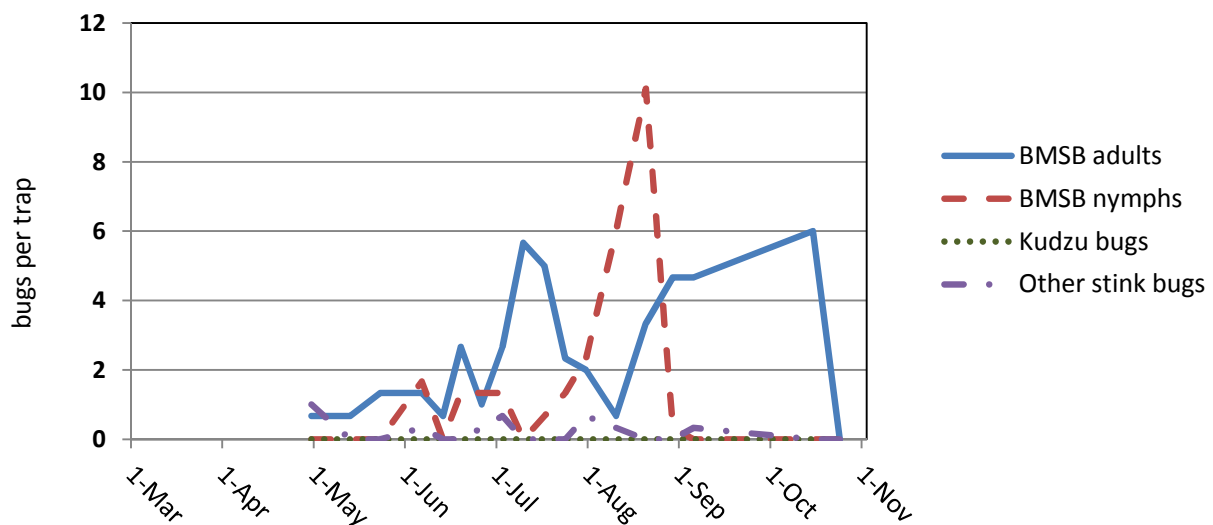


2018 Sticky trap captures

Site 10 (Variety Vegetables) – Chatham County, NC

Ecoregion 45, elevation 463' (35.809775, -79.246785)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
1-May	0.7	0.0	0.7	0.0	1.0
14-May	0.7	0.0	0.7	0.0	0.0
24-May	1.3	0.0	1.3	0.0	0.0
7-Jun	1.3	1.7	3.0	0.0	0.3
14-Jun	0.7	0.0	0.7	0.0	0.0
20-Jun	2.7	1.3	4.0	0.0	0.0
27-Jun	1.0	1.3	2.3	0.0	0.3
4-Jul	2.7	1.3	4.0	0.0	0.7
11-Jul	5.7	0.0	5.7	0.0	0.0
18-Jul	5.0	0.7	5.7	0.0	0.0
25-Jul	2.3	1.3	3.7	0.0	0.0
1-Aug	2.0	2.3	4.3	0.0	0.7
11-Aug	0.7	6.0	6.7	0.0	0.3
21-Aug	3.3	10.1	16.7	0.0	0.0
30-Aug	4.7	0.3	5.0	0.0	0.0
6-Sep	4.7	0.0	4.7	0.0	0.3
16-Oct	6.0	0.0	6.0	0.0	0.0
25-Oct	0.0	0.0	0.0	0.0	0.0
Season total	45.3	26.4	75.0	0.0	3.7

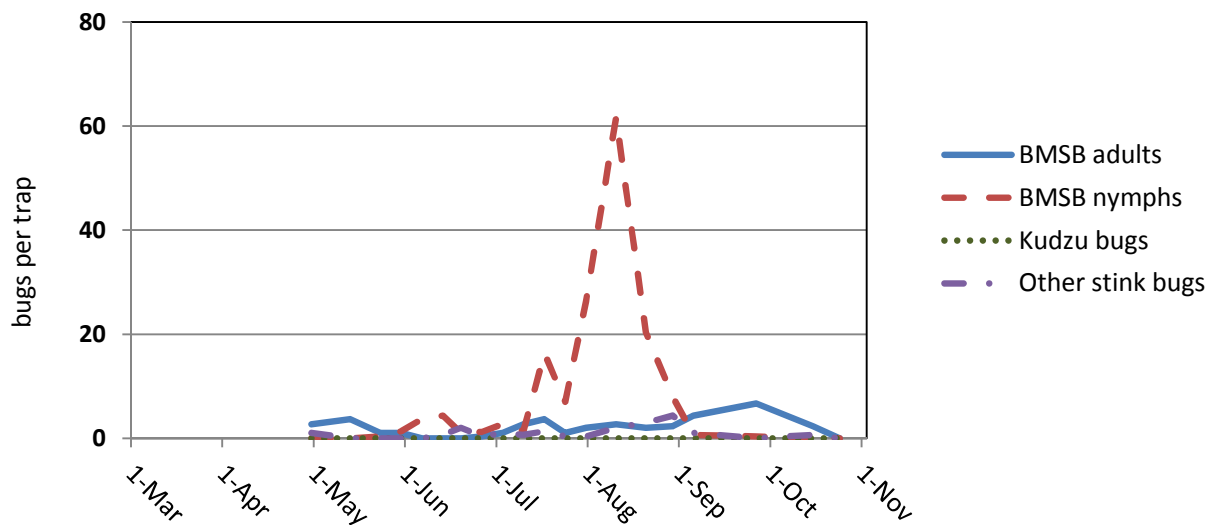


2018 Sticky trap captures

Site 11 (Soybean) –Franklin County, NC

Ecoregion 45, elevation 355' (36.05074, -78.394813)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
1-May	2.7	0.0	2.7	0.0	1.0
14-May	3.7	0.0	3.7	0.0	0.0
24-May	1.0	0.3	1.3	0.0	0.0
31-May	1.0	1.3	2.3	0.0	0.0
7-Jun	0.0	3.7	3.7	0.0	0.0
14-Jun	0.0	4.3	4.3	0.0	0.7
20-Jun	0.0	1.0	1.0	0.0	2.0
27-Jun	0.3	1.2	2.0	0.0	0.3
4-Jul	1.0	2.7	3.7	0.0	1.0
11-Jul	2.7	1.3	4.0	0.0	0.7
18-Jul	3.7	16.3	20.0	0.0	1.3
25-Jul	1.0	7.0	8.0	0.0	0.3
1-Aug	2.0	26.3	28.3	0.0	0.3
11-Aug	2.7	61.7	64.3	0.0	2.0
21-Aug	2.0	20.3	22.3	0.0	3.0
30-Aug	2.3	8.0	10.3	0.0	4.3
6-Sep	4.3	0.7	5.0	0.0	1.0
27-Sep	6.7	0.3	7.0	0.0	0.0
16-Oct	2.3	0.0	2.3	0.0	0.7
25-Oct	0.0	0.0	0.0	0.0	0.0
Season total	39.3	156.6	196.3	0.0	18.7

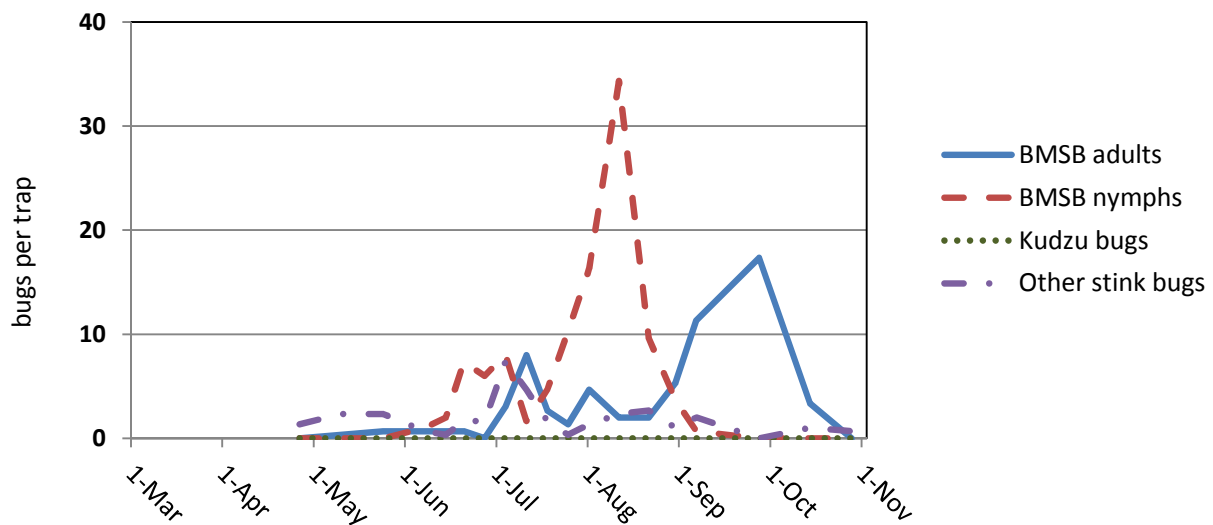


2018 Sticky trap captures

Site 12 (Corn/Soybean) – Johnston County, NC

Ecoregion 45, elevation 342' (35.664983, -78.510879)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
27-Apr	0.0	0.0	0.0	0.0	1.3
11-May	0.3	0.0	0.3	0.0	2.3
25-May	0.7	0.0	0.7	0.0	2.3
8-Jun	0.7	1.0	1.7	0.0	0.7
15-Jun	0.7	2.0	2.7	0.0	0.3
21-Jun	0.7	7.3	8.0	0.0	1.7
28-Jun	0.0	6.0	6.0	0.0	1.7
5-Jul	3.0	8.0	13.3	0.0	7.3
12-Jul	8.0	1.7	9.7	0.0	4.7
19-Jul	2.7	4.7	7.3	0.0	1.7
26-Jul	1.3	10.3	11.7	0.0	0.3
2-Aug	4.7	16.3	21.0	0.0	1.3
12-Aug	2.0	34.3	36.3	0.0	2.3
22-Aug	2.0	9.6	15.3	0.0	2.7
31-Aug	5.3	3.7	9.0	0.0	1.0
7-Sep	11.3	0.7	12.0	0.0	2.0
28-Sep	17.3	0.0	17.3	0.0	0.0
15-Oct	3.3	0.0	3.3	0.0	1.0
29-Oct	0.0	0.0	0.0	0.0	0.7
Season total	64.0	105.7	175.7	0.0	35.3

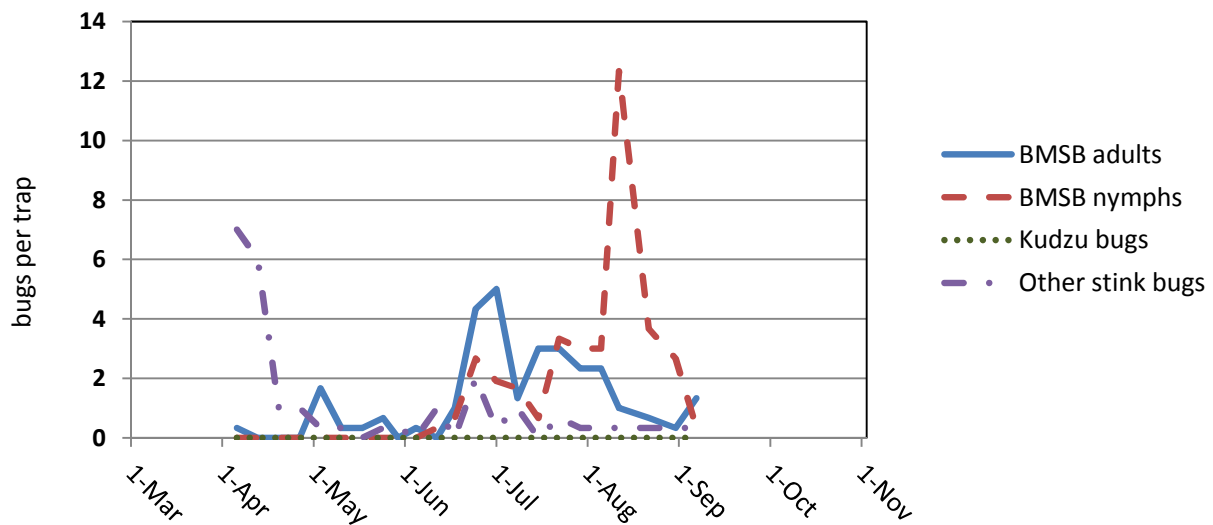


2018 Sticky trap captures

Site 13 (Soybean) – Wayne County, NC

Ecoregion 65, elevation 67' (35.36204, -78.05001)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
6-Apr	0.3	0.0	0.3	0.0	7.0
13-Apr	0.0	0.0	0.0	0.0	6.0
20-Apr	0.0	0.0	0.0	0.0	1.0
27-Apr	0.0	0.0	0.0	0.0	1.0
4-May	1.7	0.0	1.7	0.0	0.3
11-May	0.3	0.0	0.3	0.0	0.3
18-May	0.3	0.0	0.3	0.0	0.0
25-May	0.7	0.0	0.7	0.0	0.3
30-May	0.0	0.0	0.0	0.0	0.3
5-Jun	0.3	0.0	0.3	0.0	0.0
12-Jun	0.0	0.3	0.3	0.0	1.0
18-Jun	1.0	0.7	1.7	0.0	0.0
25-Jun	4.3	2.7	7.0	0.0	2.0
2-Jul	5.0	1.9	5.0	0.0	0.3
9-Jul	1.3	1.7	3.0	0.0	1.0
16-Jul	3.0	0.7	3.7	0.0	0.0
23-Jul	3.0	3.3	6.3	0.0	0.7
30-Jul	2.3	3.0	5.3	0.0	0.3
6-Aug	2.3	3.0	5.3	0.0	0.3
12-Aug	1.0	12.3	13.3	0.0	0.3
22-Aug	0.7	3.7	4.3	0.0	0.3
31-Aug	0.3	2.7	3.0	0.0	0.3
7-Sep	1.3	0.3	1.7	0.0	0.3
Season total	29.3	36.2	63.7	0.0	23.3

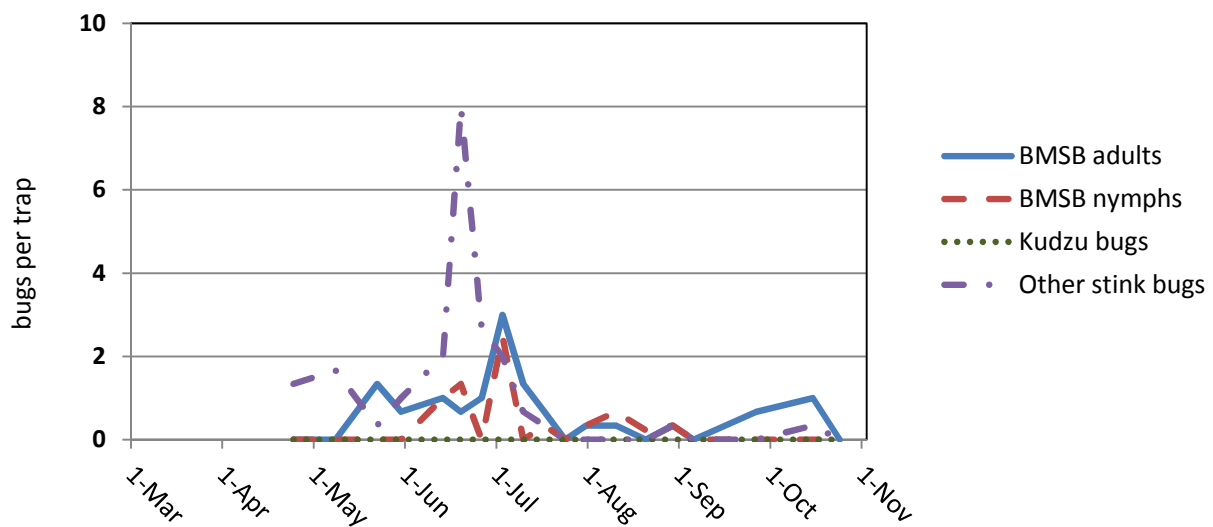


2018 Sticky trap captures

Site 14 (Soybean) – Edgecombe County, NC

Ecoregion 65, elevation 99' (35.90066, -77.67647)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
25-Apr	0.0	0.0	0.0	0.0	1.3
9-May	0.0	0.0	0.0	0.0	1.7
23-May	1.3	0.0	1.3	0.0	0.3
31-May	0.7	0.0	0.7	0.0	1.0
14-Jun	1.0	1.0	2.0	0.0	2.0
20-Jun	0.7	1.3	2.0	0.0	8.0
27-Jun	1.0	0.0	1.0	0.0	2.7
4-Jul	3.0	2.5	5.0	0.0	2.0
11-Jul	1.3	0.0	1.3	0.0	0.7
18-Jul	0.7	0.3	1.0	0.0	0.3
25-Jul	0.0	0.0	0.0	0.0	0.0
1-Aug	0.3	0.3	0.7	0.0	0.0
11-Aug	0.3	0.7	1.0	0.0	0.0
21-Aug	0.0	0.2	0.3	0.0	0.0
30-Aug	0.3	0.3	0.7	0.0	0.3
6-Sep	0.0	0.0	0.0	0.0	0.0
27-Sep	0.7	0.0	0.7	0.0	0.0
16-Oct	1.0	0.0	1.0	0.0	0.3
25-Oct	0.0	0.0	0.0	0.0	0.0
Season total	12.3	6.7	18.7	0.0	20.7

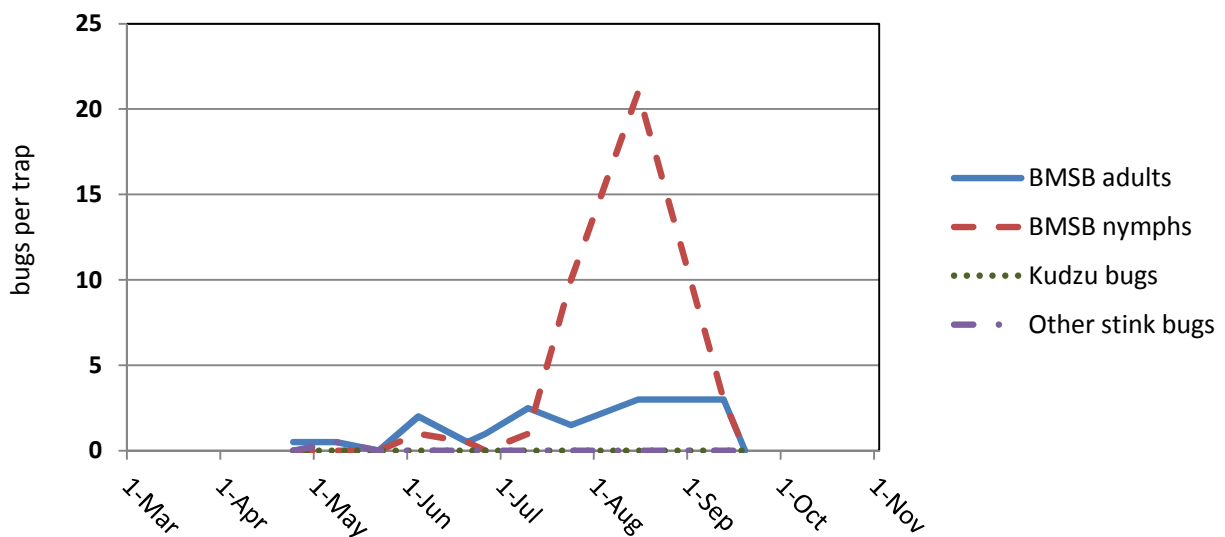


2018 Sticky trap captures

Site 15 (Peaches) – Montgomery County, NC

Ecoregion 65, elevation 590' (35.18306, -79.68199)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
25-Apr	0.5	0.0	0.5	0.0	0.0
9-May	0.5	0.0	0.5	0.0	0.5
23-May	0.0	0.0	0.0	0.0	0.0
5-Jun	2.0	1.0	3.0	0.0	0.0
21-Jun	0.5	0.5	1.0	0.0	0.0
27-Jun	1.0	0.0	1.0	0.0	0.0
11-Jul	2.5	1.0	3.5	0.0	0.0
25-Jul	1.5	10.0	11.5	0.0	0.0
16-Aug	3.0	21.0	24.0	0.0	0.0
13-Sep	3.0	3.0	6.0	0.0	0.0
20-Sep	0.0	0.0	0.0	0.0	0.0
Season total	14.5	36.5	51.0	0.0	0.5

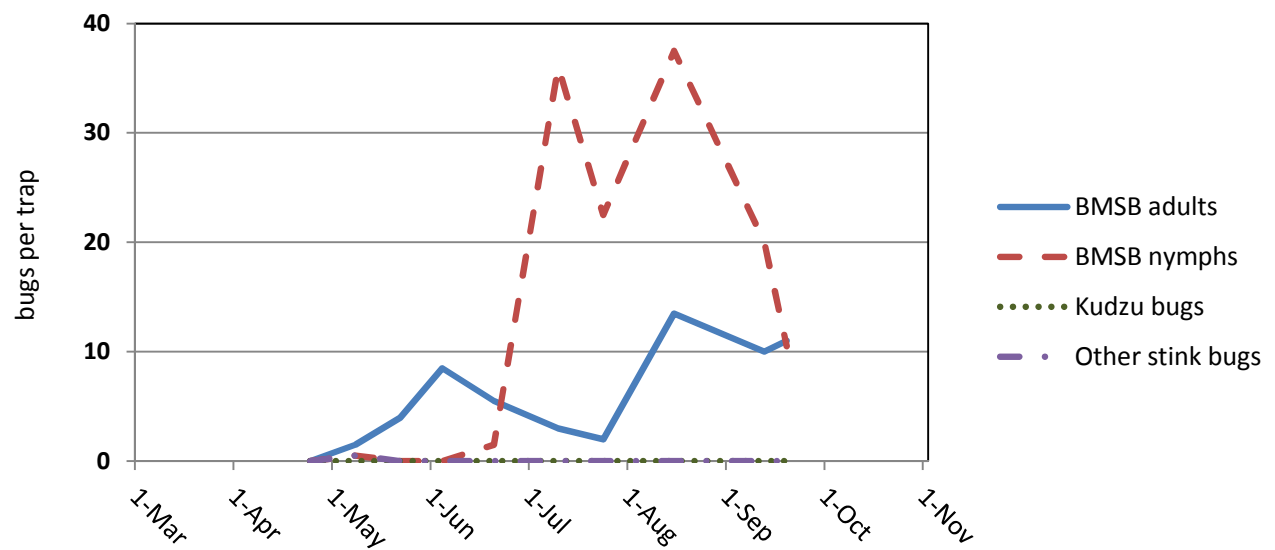


2018 Sticky trap captures

Site 16 (Peaches) – Montgomery County, NC

Ecoregion 65, elevation 716' (35.30024, -79.75972)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
25-Apr	0.0	0.0	0.0	0.0	0.0
9-May	1.5	0.5	2.0	0.0	0.5
23-May	4.0	0.0	4.0	0.0	0.0
5-Jun	8.5	0.0	8.5	0.0	0.0
21-Jun	5.5	1.5	7.0	0.0	0.0
11-Jul	3.0	36.0	39.0	0.0	0.0
25-Jul	2.0	22.5	24.5	0.0	0.0
16-Aug	13.5	37.5	51.0	0.0	0.0
13-Sep	10.0	20.0	30.0	0.0	0.0
20-Sep	11.0	10.5	21.5	0.0	0.0
Season total	59.0	128.5	187.5	0.0	0.5

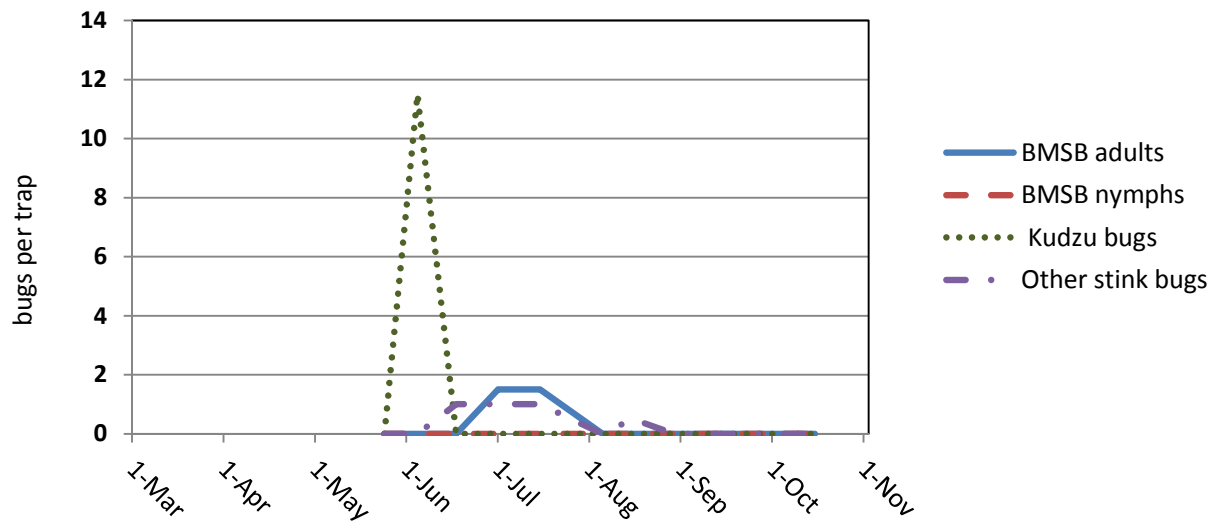


2018 Sticky trap captures

Site 17 (Cotton/Corn/Soybean)– Beaufort County, NC

Ecoregion 63, elevation 15' (35.61472, -76.75512)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
25-May	0.0	0.0	0.0	0.0	0.0
5-Jun	0.0	0.0	0.0	11.5	0.0
18-Jun	0.0	0.0	0.0	0.0	1.0
2-Jul	1.5	0.0	1.5	0.0	1.0
16-Jul	1.5	0.0	1.5	0.0	1.0
6-Aug	0.0	0.0	0.0	0.0	0.0
16-Aug	0.0	0.0	0.0	0.0	0.5
30-Aug	0.0	0.0	0.0	0.0	0.0
10-Sep	0.0	0.0	0.0	0.0	0.0
25-Sep	0.0	0.0	0.0	0.0	0.0
16-Oct	0.0	0.0	0.0	0.0	0.0
Season total	3.0	0.0	3.0	11.5	3.5

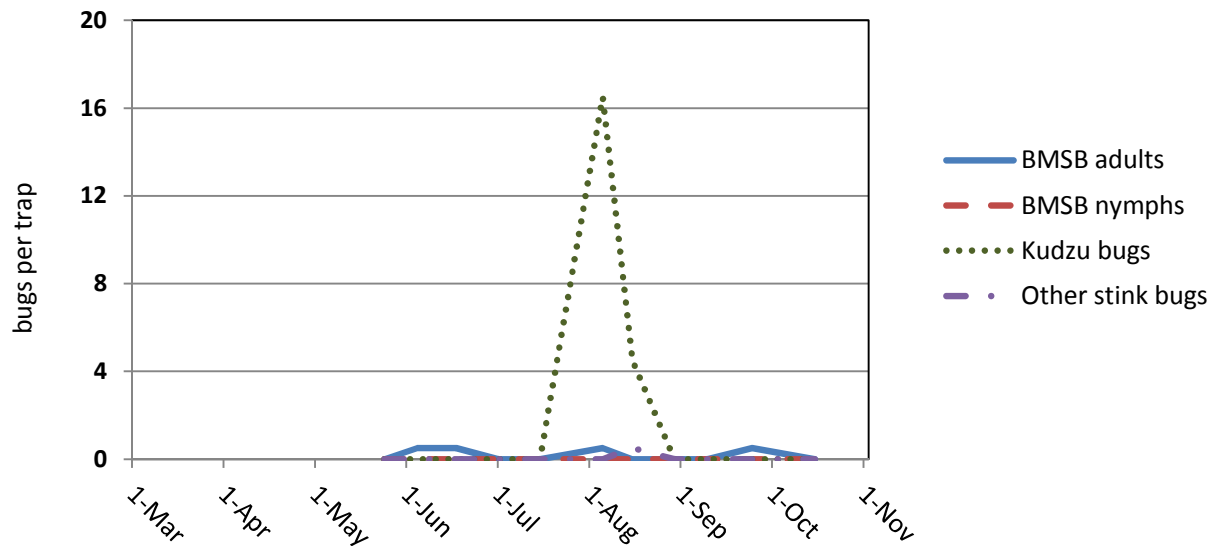


2018 Sticky trap captures

Site 18 (Soybean) – Washington County, NC

Ecoregion 63, elevation 15' (35.86672, -76.66150)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
25-May	0.0	0.0	0.0	0.0	0.0
5-Jun	0.5	0.0	0.5	0.0	0.0
18-Jun	0.5	0.0	0.5	0.0	0.0
2-Jul	0.0	0.0	0.0	0.0	0.0
16-Jul	0.0	0.0	0.0	0.0	0.0
6-Aug	0.5	0.0	0.5	16.5	0.0
16-Aug	0.0	0.0	0.0	4.5	0.5
30-Aug	0.0	0.0	0.0	0.0	0.0
10-Sep	0.0	0.0	0.0	0.0	0.0
25-Sep	0.5	0.0	0.5	0.0	0.0
16-Oct	0.0	0.0	0.0	0.0	0.0
Season total	2.0	0.0	2.0	21.0	0.5

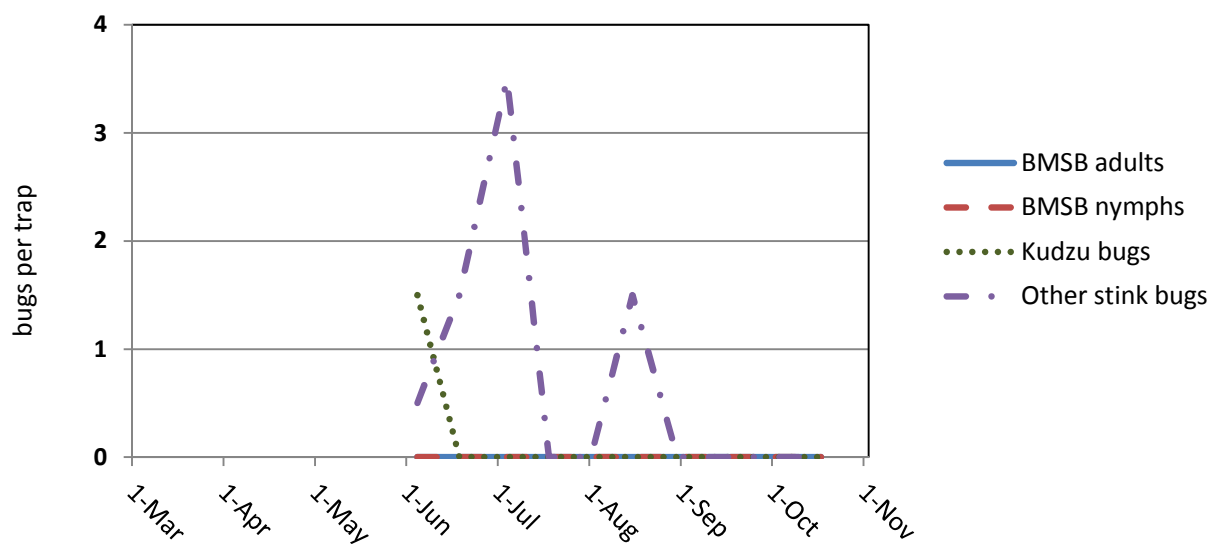


2018 Sticky trap captures

Site 19 (Watermelon/Soybean) – Chowan/Perquimans Counties (border), NC

Ecoregion 63, elevation 43' (36.301007, -76.561882)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
5-Jun	0.0	0.0	0.0	1.5	0.5
19-Jun	0.0	0.0	0.0	0.0	1.5
5-Jul	0.0	0.0	0.0	0.0	3.5
19-Jul	0.0	0.0	0.0	0.0	0.0
2-Aug	0.0	0.0	0.0	0.0	0.0
16-Aug	0.0	0.0	0.0	0.0	1.5
31-Aug	0.0	0.0	0.0	0.0	0.0
11-Sep	0.0	0.0	0.0	0.0	0.0
25-Sep	0.0	0.0	0.0	0.0	0.0
18-Oct	0.0	0.0	0.0	0.0	0.0
Season total	0.0	0.0	0.0	1.5	7.0

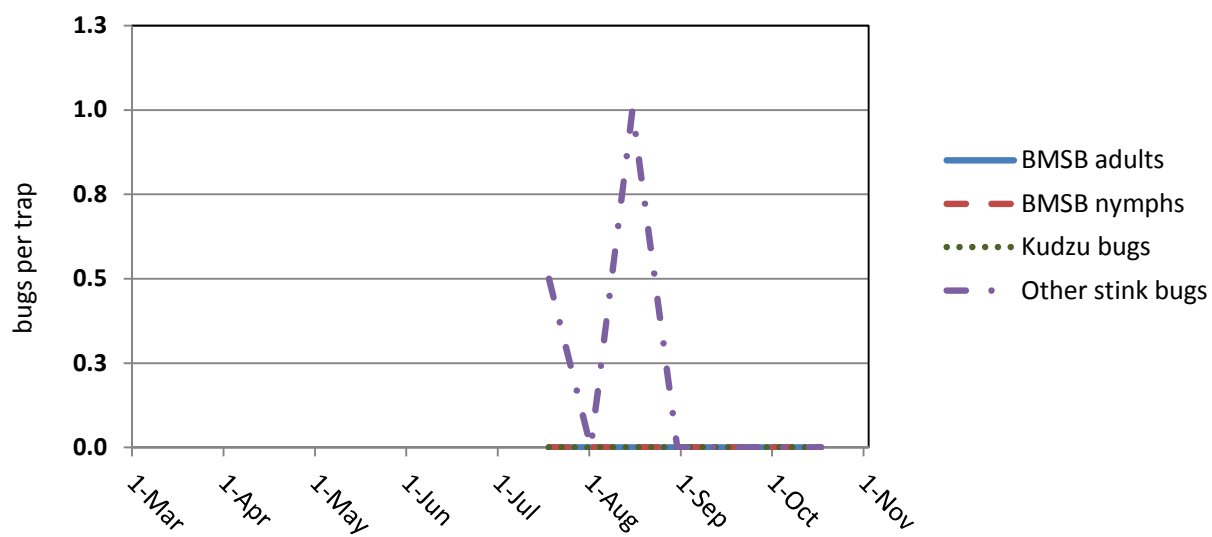


2018 Sticky trap captures

Site 20 (Corn) – Perquimans County, NC

Ecoregion 63, elevation 3' (36.12593, -76.230509)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
19-Jul	0.0	0.0	0.0	0.0	0.5
2-Aug	0.0	0.0	0.0	0.0	0.0
16-Aug	0.0	0.0	0.0	0.0	1.0
31-Aug	0.0	0.0	0.0	0.0	0.0
11-Sep	0.0	0.0	0.0	0.0	0.0
25-Sep	0.0	0.0	0.0	0.0	0.0
18-Oct	0.0	0.0	0.0	0.0	0.0
Season total	0.0	0.0	0.0	0.0	1.5



2018 Sticky trap captures

Site 21 (Strawberries/Corn/Variety Vegetables) – Camden County, NC

Ecoregion 63, elevation 3' (36.34686, -76.16012)

Date	Bugs per trap				
	BMSB adults	BMSB nymphs	Total BSMB	Kudzu bugs	Other stink bugs
5-Jun	0.0	0.0	0.0	0.5	0.5
19-Jun	0.0	0.0	0.0	0.0	0.5
5-Jul	0.0	0.0	0.0	0.0	1.0
19-Jul	0.0	0.0	0.0	0.0	1.5
2-Aug	0.0	0.0	0.0	0.0	0.0
16-Aug	0.0	0.0	0.0	0.0	0.5
31-Aug	0.0	0.0	0.0	0.0	0.5
11-Sep	0.0	0.0	0.0	0.0	0.0
25-Sep	0.0	0.0	0.0	0.0	0.0
18-Oct	0.0	0.0	0.0	0.0	0.0
Season total	0.0	0.0	0.0	0.5	4.5

