

Ohio Western Bean Cutworm Trapping and Monitoring Summary 2019

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Western bean cutworm (WBC) traps were distributed to 27 counties in Ohio (Figure 1). A total of 84 traps were monitored weekly from June 17 through September 5, 2019. Overall, 6,399 WBC were trapped over the duration of the monitoring period, with a grand average of 9.7 moths per trap. The peak week varied by county (Table 1), however, the overall peak week for the state of Ohio was the fourth week in July (July 22 through 28) with an average of 36.0 WBC/trap (Figure 2).

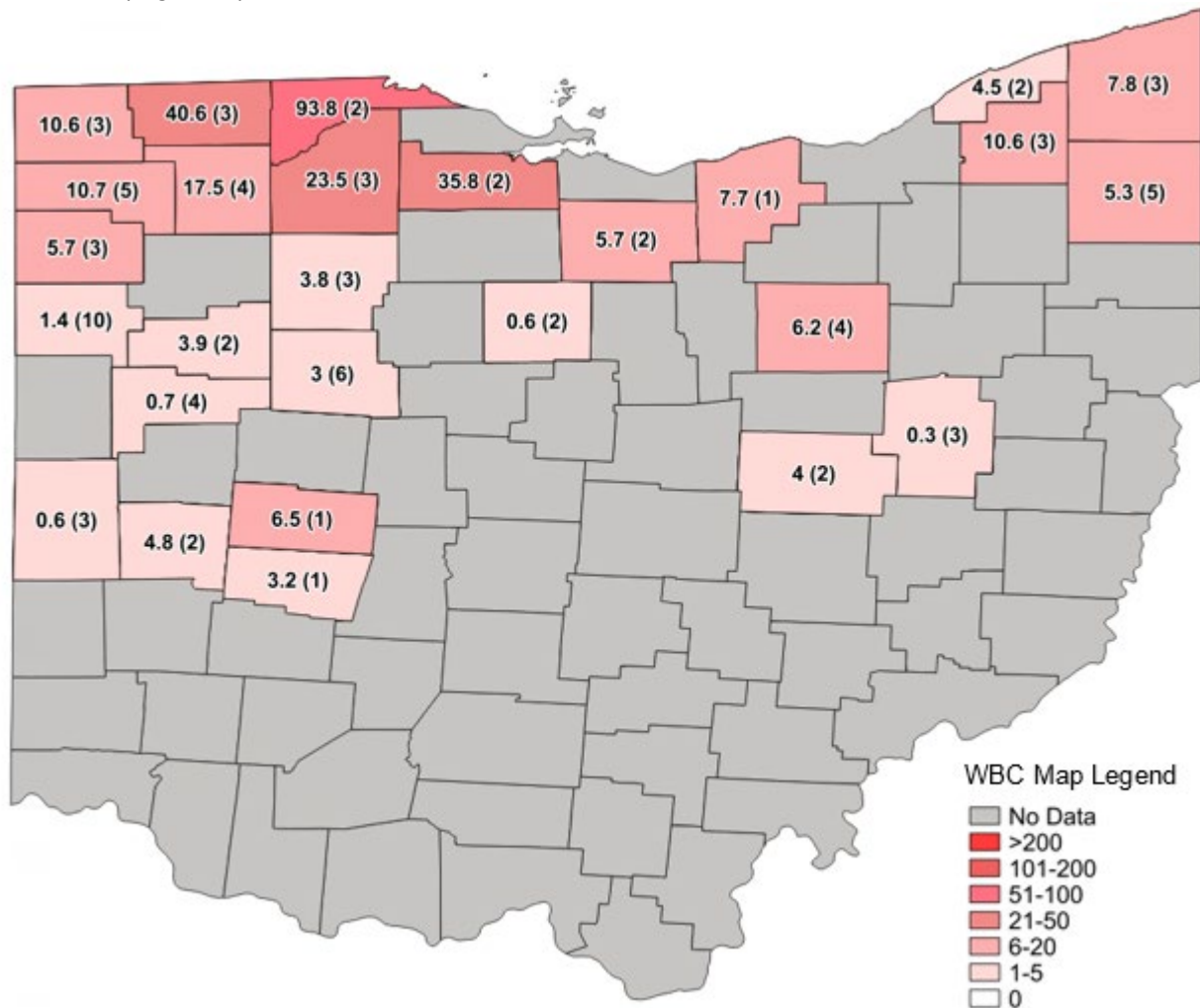


Figure 1. Map of Ohio counties that participated in Western bean cutworm (WBC) trapping in 2019. Number in each county signifies the overall season average followed by number of traps monitored each week in parentheses.

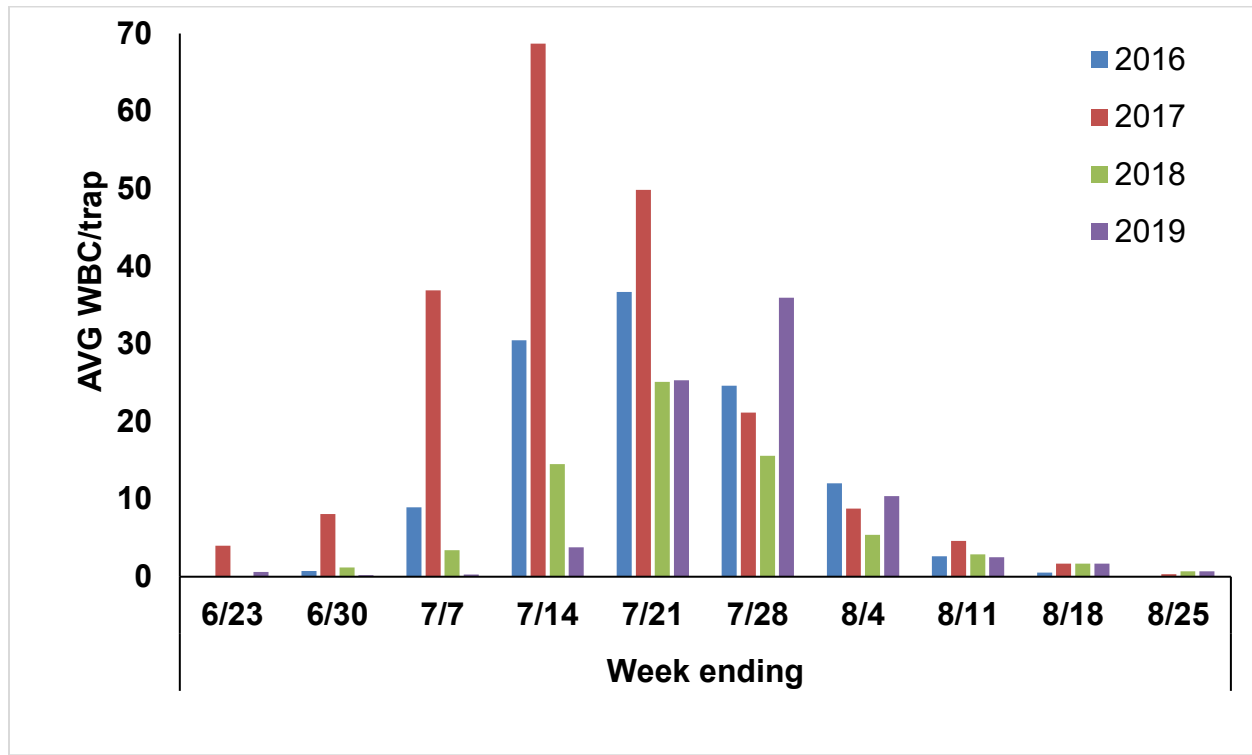


Figure 2. Average number of Western bean cutworm (WBC) adults recorded in traps in 2016 (blue), 2017 (red), 2018 (green) and 2019 (purple).

Table 1. County, peak week and average number of WBC/trap during the peak week in 2019.

County	Peak week	AVG WBC/trap
Allen	7/22 – 7/28	7.5
Ashtabula	7/22 – 7/28	27.7
Auglaize	7/22 – 7/28	1.8
Champaign	7/15 – 7/21	35.0
Clark	7/8 – 7/14	18.0
Coshocton	7/8 – 7/14	14.0
Crawford	7/15 – 7/21 & 7/29 - 8/4	6.5
Darke	7/29 – 8/4	2.3
Defiance	7/15 – 7/21	49.6
Fulton	7/15 – 7/21	153.7
Geauga	7/22 – 7/28	41.0
Hancock	7/29 – 8/4	14.0
Hardin	7/15 – 7/21	6.3
Henry	7/15 – 7/21	84.5
Huron	7/22 – 7/28	30.0
Lake	7/29 – 8/4	20.5
Lorain	7/22 – 7/28	35.0
Lucas	7/22 – 7/28	326.5
Miami	7/8 – 7/14	10.0
Paulding	7/29 – 8/4	12.6
Sandusky	7/22 – 7/28	250.0
Trumbull	7/22 – 7/28	8.3
Tuscarawas	7/22 – 7/28	1.7
Van Wert	7/22 – 7/28	5.1
Wayne	7/22 – 7/28	24.3
Williams	7/22 – 7/28	64.0
Wood	7/22 – 7/28	91.7