



Overview of the 2018, 2019, and 2020 UNHCE Squash Vine Borer - IPM Program Commercial Farms

Facts Provided by Participating Growers in the Sweet Corn insect Pest IPM Program And Observations				
	2018	2019	2020	3 Year Ave
Number of Farms Participated in the Squash Vine Borer IPM Program	22	24	26	24
Number of Acres of Pumpkin Planted by Participating Growers in the IPM Program	191.00	223.00	189.08	201.00
Number of Acres of Pumpkin Harvested by Participating Growers in the IPM Program	153.90	195.50	174.41	174.60
% of Pumpkin Harvested Per Acres Planted by Participating Growers in the IPM Program	80.58%	87.67%	92.29%	86.85%
% of Pumpkin Acreage Planted and Harvested by Participating Farms in the IPM Program in New Hampshire	39.06%	39.98%	38.67%	39.24%
Number of Summer Squash Farms Participated in the IPM Program	19	21	24	21
Number of Acres of Summer Squash Planted by Participating Growers in the IPM Program	25.50	35.76	35.11	32.12
Number of Acres of Summer Squash Harvested by Participating Growers in the IPM Program	24.85	35.31	34.54	31.57
% of Summer Squash Harvested Per Acres Planted by Participating Growers in the IPM Program	97.45%	98.25%	98.39%	98.03%
% of Summer Squash Acreage Planted and Harvested by Participating Farms in the IPM Program in New Hampshire	23.83%	32.83%	32.81%	29.82%
Number of Winter Squash Farms Participated in the IPM Program	21	23	24	23
Number of Acres of Winter Squash Planted by Participating Growers in the IPM Program	65.00	61.00	66.73	64.24
Number of Acres of Winter Squash Harvested by Participating Growers in the IPM Program	57.38	56.91	55.23	56.51
% of Winter Squash Harvested Per Acres Planted by Participating Growers in the IPM Program	88.27%	93.30%	82.77%	88.11%
% of Winter Squash Acreage Planted and Harvested by Participating Farms in the IPM Program in New Hampshire	38.92%	34.08%	39.96%	37.65%
Number of Participating Farms That Shared their Trapping information And Recommendations with Other Local Farms	10	10	10	10
Number of Additional Farms indirectly Benefitting from the IPM Program information	18	25	26	23
Number of Growers Completed an End of Year Summary of This IPM Program	100%	100%	100%	100%

Impacts Observed by Farms Participating in the IPM Programs:				
	2018	2019	2020	3 Year Ave
Decrease in Number of Sprays	1.09	1.00	5.84	2.64
Gallons of Pesticide Not Sprayed If Growers Used the Same a Product Requiring One Quart Per Acre	76.85	80.01	428.93	195.26
Pesticide Savings (\$15/Acre)	\$4,611	\$4,800	\$25,735	\$11,715
Labor and Equipment Savings (\$25/Acre)	\$7,684	\$8,000	\$42,893	\$19,526
Total Financial Impact	\$12,295	\$12,800	\$68,628	\$31,241
Three Year Grand Total of Squash Vine Borer Program Financial Impact				\$93,723

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