

More Insect Management Information, Cucurbits

Trapping data for squash vine borer (and others) is reported on our website

<https://extension.unh.edu> 1) Once at our website, click on the word Agriculture, in the horizontal menu list in the upper middle of the screen. 2) A drop-down menu appears, and you click on the term Integrated Pest Management. 3) That brings you to the IPM page. At the IPM page, there are options on the left side of the screen. Select the option Monitoring and Trapping Programs, and from there you can view the items of interest to you.

Pesticides for squash vine borer with the lowest risk to pollinators: (remember to wait until late afternoon or evening to spray)

1. Assail (mod risk),
2. Vetica (low risk),
3. Coragen soil treatment (low risk, only eff on sum sq & zucchini)
4. Neemix, Pyrenone (organic, low risk but not effective)

Trap Cropping to control squash bug: plant blue hubbard plants in a perimeter around your cucurbit crop. The plants should be about 2 weeks older than your crop. When squash bugs appear in the trap plants, SPRAY THEM. The interior of the field can go without treatment, if this is done correctly. In some situations, this just delays Sq bug appearance in the crop, rather than completely controlling them.

Striped cucumber beetles overwinter as adults. The odor of plants in the cucurbit family is a very strong lure they use to find the crops right after you plant them. Row covers & netting work relatively well... remove when flowering begins. Plants are most vulnerable when young. Muskmelons/cantaloupe are the most vulnerable, since the beetles spread bacterial wilt.

Seed corn maggot: worst on wet soils with high organic matter content, in cool springs. To really increase the risk, add manure. To avoid the problem, plant transplants rather than seeds.

Pesticide labels for most products used on crops in New England can usually be found at www.cdms.net To search for a label, click on the labels database option, and type in the trade name of the product. Spelling counts! The regular search is free. If you want an advanced search, that costs money. Some products are not at this website (some organics for example). For them, look at the website for their manufacturers.

Publications at our website

Managing Squash Vine Borer Problems in New Hampshire

https://extension.unh.edu/resources/files/Resource004198_Rep6024.pdf

Seedcorn maggot

https://extension.unh.edu/resources/files/Resource004167_Rep5998.pdf

Striped cucumber beetle

https://extension.unh.edu/resources/files/Resource000554_Rep576.pdf