

The Vegetable Grower's Guide to the Galaxy

The Midwest Vegetable Production Guide is a book you can buy at the bulletin table. It is built from a database of active ingredients, pesticide trade names, crops, and pests. That same database has also been engineered for you to navigate online.

Go to <https://www.mwveguide.org> and choose one of three paths.

Pick My Crop

This works just like how you would use the book. It resembles flipping to the crop chapter you want, and prowling for the pest. But you can also type in what you want in the box. You can only pick one at a time at this level. Click NEXT to choose pests. Here you can scroll through a list of pests that has already been shortened for the crop you selected. Or, try typing and see what comes up as an autofill option. You can select more than one pest, but the results take longer to load when you choose many. Click NEXT to see the results.

Pick My Pest

This is good option for when you have a common and general pest issue that can be an issue in several crops. For example, aphids or broadleaf weeds that have already emerged. It works just like the previous example, except that you start with the pest and then choose any number of crops that it applies to.

Pick My Control Measure

This last option was built for special cases when you might be organizing the chemical shed and wonder what a product can be used on. You start with the name of the product as it appears in the guide, and then any number of crops that you grow. It will spit out a list of crops and the pests you might use it on. It is not perfect, because it relies on the name of the product in the database, and we don't have a comprehensive list of all the trade names. We hope to change this in the future to be an ingredient search, and not a product name search.

The Results

When you select all your criteria you will see a series of expandable boxes. You might see one called Pest Information. You can click this to read more about the pest. You might also see one called Non-Pesticide Options that references preventive techniques, mechanical methods or biocontrols for a pest situation. Every expandable Pesticide box shows a product name, the active ingredient, and the mode of action code at the top level. When you click into it you can see the rates, notes, Restricted-Entry Interval (REI), Pre-Harvest Interval (PHI) and signal word. Click SHOW MORE to see some of the other attributes of the chemical, such as whether you can chemigate with it, use it in a greenhouse, and if you need a respirator when handling it. You can also see the leaching, runoff, and pollinator risk attributes here. These details may be important in years to come with new label point systems.

At the bottom of this list of expandable boxes is the option to EXPORT AS .PDF. When you click that, the database will stitch together a tight little report just for your search, with all the same appearance as the printed bulletin.

Filtering

On a computer you will see filtering options on the left side of the screen. On a smartphone you will see an orange box at the top of the screen that says SHOW FILTERS. When you click it, a page slides over to show the filters. You can filter the results by a range of REI hours, PHI days, and other attributes, such as being organic (OMRI-listed), or non-restricted use. You can also shorten the list to products that you can use in a greenhouse, chemigate, or use without a respirator.

It's not perfect, but we do respond to critiques and are committed to fix errors!