

Pre-Harvest Intervals to Comply with the Maximum Residue Limits (MRLs) of Selected Export Markets for Insecticides, Miticides & Fungicides Registered for Use in Blueberries for the 2026 Growing Season - April 2026

Insecticides & Miticides

Actara (thiamethoxam)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Altacor (chlorantraniliprole)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Asana (esfenvalerate)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Assail 70WP (acetamiprid)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Yellow	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Yellow	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Beleaf (flonicamid)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Bexar (tolfenpyrad)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Brigade (bifenthrin)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Confirm (tebufenozide)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Danitol (fenpropathrin)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green


Delegate (spinetoram)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Yellow	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Diazinon AG500							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Yellow	Green	Green	Green
EU	Red	Red	Green	Green	Yellow	Green	Green
India	Red	Red	Green	Green	Yellow	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Yellow	Green	Green
Philippines	Red	Red	Green	Green	Yellow	Green	Green
Singapore	Red	Red	Green	Green	Yellow	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Yellow	Green	Green
Vietnam	Red	Red	Green	Green	Yellow	Green	Green

Entrust (spinosad)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Yellow	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Exirel (cyantraniliprole)							
Intended Market	Days After Treatment						
	0 day	1 day	3 days	5 days	7 days	14 days	21 days
USA	Red	Red	Green	Green	Green	Green	Green
Australia	Red	Red	Green	Green	Green	Green	Green
Canada	Red	Red	Green	Green	Green	Green	Green
EU	Red	Red	Green	Green	Green	Green	Green
India	Red	Red	Green	Green	Green	Green	Green
Japan	Red	Red	Green	Green	Green	Green	Green
Korea	Red	Red	Green	Green	Green	Green	Green
Philippines	Red	Red	Green	Green	Green	Green	Green
Singapore	Red	Red	Green	Green	Green	Green	Green
Taiwan	Red	Red	Green	Green	Green	Green	Green
Thailand	Red	Red	Green	Green	Green	Green	Green
Vietnam	Red	Red	Green	Green	Green	Green	Green

Key to colors used in charts:



RED means that the product should not be used during this time either because of EPA label restrictions or due to a high risk of exceeding MRLs for a given market.

YELLOW means that the product should be used with caution during this time given all the variables (e.g. tank mixes, application method and calibration, use of adjuvants, environmental conditions, and post-harvest handling) that can impact the time it takes for a residue to degrade in order to meet the MRL for a given market.

GREEN means that the product is likely to be safe for use at this time with low risk of residue remaining at harvest that would exceed MRLs for a given market.

Disclaimer: These charts are just a guide. The authors of this tool cannot guarantee that any of these MRLs have not changed since April 2026, therefore, the user assumes all responsibility for its use subsequently. We also cannot guarantee that a material listed for use in Michigan, Oregon, Washington or California is registered for use outside those states (pesticide registration status is determined by the US EPA and State Governments where 'special uses' are concerned). Users outside these states are cautioned to consult with their local extension service or crop advisors to determine what is allowable. We also make no guarantees that any of the products listed will be effective against a particular pest. Finally, given all of the variables that can affect degradation rates - in particular the use of adjuvants and tank mixes, environmental post-application conditions, and post-harvest handling - we cannot guarantee that if a product is used according to this tool it will not leave residues that exceed MRLs for the selected market.

Purpose & Methods: This tool was developed to aid blueberry growers in selecting materials to manage key pests close to harvest with a particular export market in mind. Selected markets have been included, some of which have more restricted maximum residue limits (MRLs) or tolerances than required by the US for particular materials. The MRLs used to develop this tool come from those published by www.bcglobal.bryantchristie.com as of April 2026. Please check the database as MRLs are dynamic. The data used to determine whether a longer pre-harvest interval would be necessary for a given market and its published MRL, are based on a single application made near the legal U.S. PHI for each material tested, in replicated trials conducted at one location in Michigan, one location in Oregon, and two locations in Washington over three years as well as one location in California for one year and another location in California for two years. Data used for Brigade, Lannate, Malation, Mustang Maxx and Provado are based on treatments that received two applications with the second application made seven days after the initial application. All samples were extracted by QuEChERS method and analyzed by GC/MS/MS and LC/MS/MS.

