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 2025 Growing Season - March 12, 2025 **Insecticides & Miticides**

Actara (thiamethoxam) Altacor (chlorantraniliprole) Asana (esfenvalerate) Days After Treatment Days After Treatment Days After Treatment Intended Intended Intended 3 days 5 days 7 days 14 days 21 days 3 days 5 days 7 days 14 days 21 days 3 days 5 days 7 days 14 days 21 days Market 0 day 1 day Market 1 day Market 0 day 0 day 1 day USA JSA USA Australia Australia Australia Canada Canada Canada ΕIJ EU ΕU India ndia India Japan lapan Japan Korea Korea Korea hilippines Philippines Philippines Singapore Singapore Singapore aiwan Taiwan Taiwan Vietnam Vietnam Vietnam Assail 70WP (acetamiprid) Bexar (tolfenpyrad) Beleaf (flonicamid)* Days After Treatment Days After Treatment Days After Treatment Intended Intended Intended Market 3 days 5 days 7 days 14 days 21 days Market 0 day 3 days 5 days 7 days 14 days 21 days Market 0 day 3 days 5 days 7 days 14 days 21 days 0 day 1 dav 1 dav 1 day USA JSA USA Australia Australia Australia Canada Canada Canada EU EU EU India ndia India Japan apan Japan Korea (orea Korea Philippines hilippines Philippines Singapore Singapore Singapore Taiwan Taiwan Taiwan Vietnan Vietnam Vietnam Brigade (bifenthrin) Confirm (tebufenozide) Danitol (fenpropathrin) Days After Treatment Intended Days After Treatment Intended Days After Treatment Intended 3 days 5 days 7 days 5 days 7 days 14 days 21 days 3 days 5 days 7 days 14 days 21 days Market 14 days 21 day Market Market USA USA JSA Australia Australia Australia Canada Canada Canada U EU India ndia India apan Japan Japan Korea orea Korea Philippines hilippines Philippines Singapore Singapore Singapore Taiwan aiwan Taiwan Vietnan Vietnam Vietnam Delegate (spinetoram) Diazinon AG500 Entrust (spinosad) Days After Treatment Days After Treatment Days After Treatment Intended Intended Intended 3 days 5 days 7 days 14 days 21 days 3 days 5 days 7 days 14 days 21 days Market 0 day 1 day 3 days 5 days 7 days 14 days 21 day Market 0 day 1 dav Market 0 day 1 day USA USA JSA Australia Australia Australia Canada Canada Canada ndia India India Japan apan Japan Korea (orea Korea Philippines hilippines hilippines Singapore Singapore Singapore Taiwan Taiwan Taiwan Vietnam Vietnam Vietnam Exirel (cyantraniliprole) Days After Treatment means that the product should be **GREEN** means that the **RED** means that the Key to Intended 3 days 5 days 7 days 14 days 21 days Market product should not be used with caution during this time given all product is likely to be colors used USA used during this time the variables (e.g. tank mixes, application safe for use at this time in charts. Australia method and calibration, use of adjuvants, with low risk of residue either because of EPA Canada EU label restrictions or due environmental conditions, and post-harvest remaining at harvest India to a high risk of handling) that can impact the time it takes that would exceed Japan MRLs for a given exceeding MRLs for a for a residue to degrade in order to meet Korea given market. the MRL for a given market. market. Philippines Singapore Taiwan Vietnam

*Expected to be registered for 2025 growing season.

Disclaimer: These charts are just a guide. The authors of this tool cannot guarantee that any of these MRLs have not changed since March 12, 2025, 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 postharvest 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.

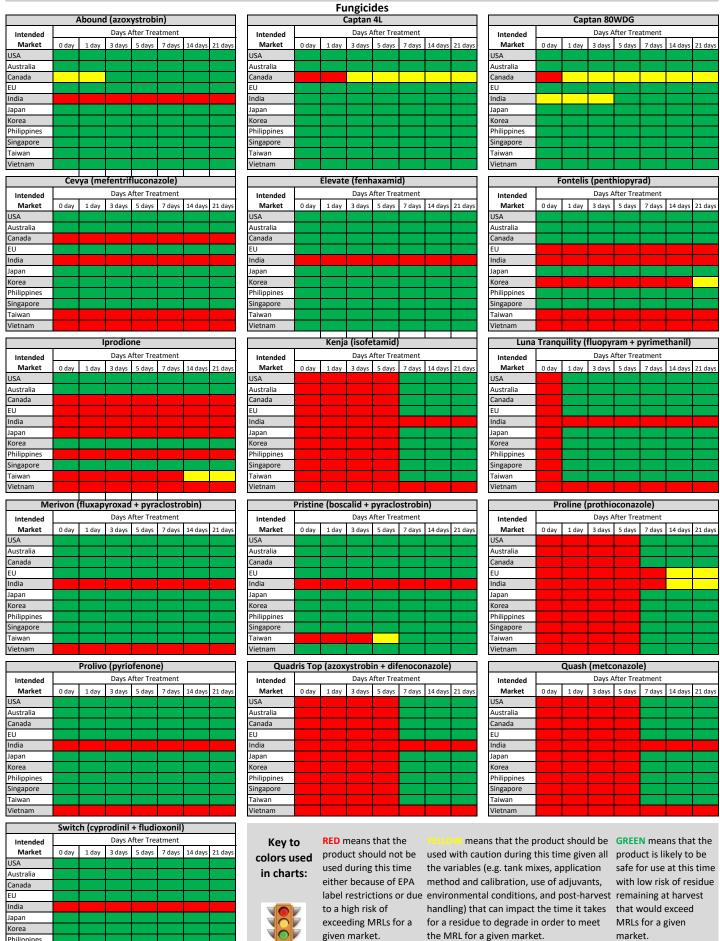
Purpose & Methods: This tool was developed to aid blueberry growers in selecting materials to manage key pests close to harvest with a particular export market in mind. Selected markets have been included, some of which have more restricted maximum residue limits (MRLs) or tolerances than required by the US for particular materials. The MRLs used to develop this tool come from those published by www.bcglobal.bryantchristie.com as of March 12, 2025. 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.

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Insecticides & Miticides Fujimite (fenpyroximate) Imidan (phosmet) Kanemite (acequinocyl) Days After Treatment Days After Treatment Days After Treatment Intended Intended Intended Market 0 day 1 day 3 days 5 days 7 days 14 days 21 days Market Market 0 day 1 day 3 days 5 days 7 days 14 days 21 days USA JSA USA Australia Australia Australia Canada Canada Canada India India India Japan Japan Japan Korea Korea Korea Philippines Philippines Philippines Singapore Singapore Singapore Taiwan Taiwan Taiwan Vietnam Vietnam Vietnam Knack (pyriproxyfen) Lannate (methomyl) Magister (fenazaquin) Days After Treatment Days After Treatment Days After Treatment Intended Intended Intended 5 days 7 days 3 days 5 days 7 days 5 days 7 days 14 days Market Market Market 3 days 3 days USA Australia Australia Australia Canada anada EU EU EU India ndia India Japan lapan Japan Korea Korea Korea Philippines Philippines Philippines Singapor Singapore Singapore Vietnan /ietnam Vietnam Malathion Movento (spirotetramat) Mustang Maxx (zeta-cypermethrin) Days After Treatment Days After Treatment Intended Intended Intended 0 day 3 days 5 days 7 days 14 days 21 day 3 days 5 days 7 days 14 days 21 days 3 days 5 days 7 days 14 days Market Market Market USA JSA USA Australia Australia Australia Canada Canada Canada EU EU EU India India India Japan lapan Japan Korea Korea Korea Philippin hilippines Philippines Singapore Singapore Singapore aiwan Vietnam Vietnam Vietnam Provado (imidacloprid) Rimon (novaluron) Sevin (carbaryl) Davs After Treatment Days After Treatment Days After Treatment Intended Intended Intended 7 days 3 days 5 days 14 days 21 days 0 day 1 day 3 days 5 days 7 days 14 days 21 days 0 day 1 day 3 days 5 days 7 days 14 days 21 days Market 0 day 1 day Market Market USA USA Australia Australia Australia Canada anada Canada EU EU EU India India Japan Japan Japan Korea (orea Korea Philippines Philippin Philippines Singapore Singapore Singapore Taiwan Taiwan Taiwan Vietnan Vietnam Vietnam Sivanto (flupyradifurone) Transform (sulfoxaflor) Verdepryn (cyclaniliprole) Days After Treatment Days After Treatment Days After Treatment Intended Intended Intended 3 days 5 days 7 days 14 days 21 days 3 days 5 days 7 days 14 days 21 days 0 day 1 day 0 day 1 dav 5 days 7 days 14 days 21 days 0 day 1 day Market Market Market USA JSA USA Australia Australia Australia Canada Canada Canada ΕU India ndia India Japan apan Japan Korea (orea Korea Philippines Philippines Philippines Singapore Singapore Singapore Taiwan aiwan Taiwan Vietnam /ietnam Vietnam

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Philippines Singapore Taiwan