

Updated June 2023 – Effective NY ECFF Systems Approach Insecticides for New York Cherries – Quick Guide

Compiled by Janet van Zoeren, Art Agnello, Juliet Carroll & Anna Wallis. Updated regularly.

SWEET & TART CHERRY											spotted wing drosophila
PRODUCT*	AI ¹	IRAC group ²	EPA#	RATE/A	REI ³	PHI ⁴	Max product / acre / yr	Max applic's per year	<i>Rhagoletis</i> spp. on label ⁵	Probable efficacy (ECFF)	Probable efficacy (SWD)
Sevin XLR Plus	carbaryl	1A	61842-37	2-3 qt	12 hr	3 d	14 qt	3 per crop	CFF, WCFF	Excellent	SWD not on label
Asana XL	esfenvalerate	3	59639-209	4.8-14.5 fl oz	12 hr	14 d	refer to label	refer to label	CFF, WCFF	Excellent	2(ee) Good to Excellent
Warrior II	lambda-cyhalothrin	3	100-1295	1.28-2.56 fl oz	24 hr	14 d	refer to label	refer to label	Cherry fruit fly spp.	Excellent	SWD not on label
Lamcap II	lambda-cyhalothrin	3	100-1295	1.28-2.56 fl oz	24 hr	14 d	refer to label	refer to label	Cherry fruit fly spp.	Excellent	SWD not on label
Lambda T-2	lambda-cyhalothrin	3	100-1295-5905	1.28-2.56 fl oz	24 hr	14 d	refer to label	refer to label	Cherry fruit fly spp.	Excellent	SWD not on label
Lambda-Cy EC	lambda-cyhalothrin	3	7056-121	2.56-5.12 fl oz	24 hr	14 d	refer to label	refer to label	Cherry fruit fly spp.	Excellent	2(ee) Good to Excellent
Ravage	lambda-cyhalothrin	3	89168-16-89391	2.56-5.12 fl oz	24 hr	14 d	refer to label	refer to label	Cherry fruit fly spp.	Excellent	SWD not on label
Baythroid XL	beta-cyfluthrin	3	264-840	2.4-2.8 fl oz	12 hr	7 d	5.6 fl oz	no maximum	CFF, WCFF	Excellent	2(ee) Fair to Good
Besiege	lambda-cyhalothrin / chlorantranilip role	3 / 28	100-1402	6.0-12.0 fl oz	24 hr	14 d	31.0 fl oz	3	Cherry fruit fly spp.	Excellent	SWD not on label
Mustang MAXX Insecticide 24(c)	zeta-cypermethrin	3A	279-3426	4 fl oz	12 hr	3 d	24 fl oz (0.15 lb)	6	CFF, WCFF (24(c) ECFF)	Excellent	24(c) Good to Excellent
Assail 30SG	acetamiprid	4A	8033-36-70506	5.3-8 oz	12 hr	7 d	32 oz	4	CFF, BCFF, WCFF	Excellent	SWD not on label
Assail 70WP	acetamiprid	4A	8033-23-70506	2.3-3.4 oz	12 hr	7 d	13.6 oz	4	CFF, BCFF, WCFF	Excellent	SWD not on label
Endigo ZC	Lambda-cyhalothrin / thiamethoxam	4A / 3A	100-1276	5.5-6.0 fl oz	24 hr	14 d	19.0 fl oz	refer to label	Cherry fruit fly spp.	Excellent	SWD not on label
#^@@ Entrust Naturalyte	spinosad	5	62719-282	1.25-2.5 oz	4 hr	7 d	9 oz	--	CFF, WCFF	Good	2(ee) Fair to Good

*Always refer to the label for details and additional restrictions

^ Approved for organic use in NY

@@ After 3 consecutive applications, rotate to different IRAC

May cause foliar or fruit injury on cherry (read label)

¹ Active Ingredient

² Mode of Action, IRAC group code

³ Restricted-Entry Interval (hr = hours)

⁴ Pre Harvest Interval (d = days)

⁵ CFF, cherry fruit fly, *R. cingulata*

BCFF, black cherry fruit fly, *R. fausta*

WCFF, western cherry fruit fly, *R. indifferens*

ECFF, European cherry fruit fly, *R. cerasi*

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#^@@ Entrust SC	spinosad	5	62719-621	4-8 fl oz	4 hr	7 d	29 fl oz	--	CFF, WCFF	Good	2(ee) Fair to Good
#@@ Delegate WG	spinetoram	5	62719-541	6-7 oz	4 hr	7 d	28 oz	--	CFF	Excellent	Good to Excellent
#^ GF-120 NF Naturalyte Fruit Fly Bait 24(c)	bait with spinosad	5	62719-498	10-20 fl oz	4 hr	none	--	--	CFF, BCFF, WCFF (24(c) ECFF)	Good	SWD not on label
# Exirel	cyazypyr	28	279-9615	10-17 fl oz	12 hr	3 d	--	3	CFF	Good to Excellent	Good to Excellent
<u>TART CHERRY ONLY</u>											
Imidan 70W	phosmet	1B	10163-169	2.125 lb	72 hr (14 days for U-pick)	7 d	7.5 lb	3	CFF	Excellent	Excellent

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