

Sevin[®] XLR PLUS

Carbaryl Insecticide



New MRL Tolerance Enables Use of Sevin[®] XLR Plus on Citrus grown in California for Exports to Korea

In December 2016, tolerance limits for allowable carbaryl insecticide residue on citrus being exported to Korea were updated by the Korean Ministry of Food and Drug Safety.

The maximum residue level (MRL) for carbaryl is now set at a tolerance of 7.0 parts per million (ppm).

SEVIN XLR PLUS is a Group 1A insecticide providing long residual control. It is easy to handle, mix and apply for control many common pests. See Table 1 for pests and application rates.

TABLE 1 – Application Rates for SEVIN XLR PLUS to Treat Common Citrus Pests

CITRUS PEST	Sevin [®] XLR Plus LABELED APPLICATION RATE quarts / acre	INFORMATION SOURCE
California red scale	5 to 12 quarts	Specimen Label
Yellow scale	5 to 12 quarts	Specimen Label
Citricola scale	5 to 12 quarts	2(ee) Recommendation
Asian Citrus Psyllid	1.5 to 3 quarts	2(ee) Recommendation
Fuller Rose Beetle	5 quarts	Specimen Label

Timing of application is an important consideration to meet MRL guidelines. The results in the following table with application rates, PHIs and corresponding MRLs serve as a guide, not a guarantee.

TABLE 2 – Field Trial Results

Field trials to test the residue levels of Sevin[®] XLR Plus (carbaryl) in citrus harvests

Field trials conducted by independent testing agencies both in California and internationally as recently as 2015-16 indicate results below the MRL limit of 7.0 ppm for citrus exports to Korea.

The following table shows data gathered from 16 field trials with corresponding rates and harvest intervals.

Varieties of oranges tested included: Newhall, Atwood, Late Lane, Washington, and Cara Cara.

Sevin [®] XLR Plus rate / acre	SPRAY VOLUME RANGE gallons / acre	DAYS TO HARVEST	RESIDUE LEVELS (parts per million)
5 quarts	350	7 to 28 days	0.9 to 4.4 ppm
8 quarts	783 to 1,403	149 to 211 days	0.5 to 2.7 ppm
12 quarts	783 to 1,403	149 to 211 days	0.6 to 3.5 ppm

More information about Korean MRL restrictions and MRLs for other countries can be found in the free database available at GlobalMRL.com.

Visit novasource.com for application tips, information about restrictions or to download the SEVIN XLR PLUS specimen label or 2(ee) Recommendations.

Important: Always read the label before buying and follow label instructions when using this product.

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