



Memorandum

Date: October 8, 2008
To: Citrus PCAs and Growers
From: Ed Ishida – Bayer CropScience
Subject: Asian Citrus Psyllid Control Treatments

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Below is a summary of the Bayer CropScience products shown to be effective against Asian Citrus Psyllid in Florida university trials and field-use. Please call if any questions. Thank you. Ed

Movento® Insecticide:

A True, Foliar Applied, Systemic – 10 fl.oz./a; 20 fl.oz. maximum per crop season

- Absorbs into the leaf tissue - readily transported upward and downward by the phloem and xylem into new shoot, leaf and root tissue;
- Provides long-term control on Asian citrus psyllid and excellent IPM compatibility;
- Excellent multiple pest control material. Pests include red scale, citrus leafminer, citrus thrips, mealybugs, whiteflies and aphid;
- Best activity as a full-coverage treatment, with crop oil, without runoff and when actively growing;
- Predominately active on immature insect stages and reduces fecundity of adult females;
- Insects exhibit quiescent characteristics and incomplete molting after treatment.

Provado® 1.6 Flowable Insecticide:

Foliar Applied Systemic – 10-20 fl.oz/a; 40 fl.oz. maximum per crop season

- Foliar applied, trans-laminar insecticide with good knockdown;
- Active on the sucking pests including Asian citrus psyllid, gwss, leafminer, scales, whiteflies and aphids; Good IPM compatibility;
- Combine Provado with crop oil and apply as a full coverage spray without runoff;

Baythroid® XL & Renounce® 20WP:

Foliar applied pyrethroids; Baythroid XL 3.2 fl.oz./acre - 6.4 fl.oz. maximum per crop season; Renounce 20WP 4oz./acre - 8 oz maximum per crop season

- BaythroidXL is a liquid based formulation; Renounce WP is a wettable powder formulation conveniently packaged in a four-ounce soluble packet;
- Both, effective on ACP, cutworm, fuller rose beetle, root-weevil complex, citrus thrips and katydid;
- Provides quick knockdown to ACP and other insects as a low cost option;

Admire® Pro Systemic Protectant:

Soil Applied Systemic – 14 fl.oz./a; 14 fl.oz. maximum per crop season

- Apply by either a drench or through low-pressure irrigation systems;
- Must place Admire Pro in the root-zone where continuous root development and soil moisture occurs;
- Applications may be made to containerized production nurseries and to commercial citrus;
- Admire Pro treatments provide continuous control with best ACP effect on small to mid-size trees;
- Multiple pests controlled: red scale, aphid, mealybug and gwss. Excellent IPM compatibility;
- Specific chemigation application directions must be followed for irrigation and injection systems;
 - See your local PCA and dealer for chemigation equipment and application guide;
- Key is placement in the active root zone;

Bayer CropScience – Asian Citrus Psyllid Treatment Guide

California Citrus Labels

Admire® Pro Systemic Protectant

Rate	Method	PHI	REI	Max	Label Type - Pest – Notes
1.1 ml/ft ³ containerized	drench, chemigation	0 day	12 hr	na	Specimen label CA: aphids, <u>Asian citrus psyllid</u> , citrus leafminer, leafhoppers, sharpshooters, mealybug, scales, whiteflies, root weevil/larval complex, citrus thrips
7-14 fl.oz. per acre	drench, surface band, chemigation	0 Day	12 hr	14 fl.oz. / season	Specimen label CA: aphids, <u>Asian citrus psyllid</u> , citrus leafminer, leafhoppers, sharpshooters, mealybug, scales, whiteflies, root weevil/larval complex, suppress citrus tristeza virus, citrus yellows, citrus thrips
14 fl.oz. per acre	Banded – furrow irrigation	0 day	12 hr	14 fl.oz. / season	SLN CA-060017 label: Leafhoppers, Sharpshooters

Baythroid® XL Insecticide

Rate	Method	PHI	REI	Max	Label Type - Pest – Notes
3.2 fl.oz. per acres	Foliar: air, ground	0 day	12 hr	6.4 fl.oz. / season	2ee label: <u>Asian citrus psyllid</u> ; CA & AZ
3.2 - 6.4 fl.oz. per acre	Foliar: air, ground	0 day	12 hr	6.4 fl.oz. / season	Specimen label CA: GWSS, cutworm, fuller rose beetle, grasshoppers, root-weevil on foliage, citrus thrips

Movento® Insecticide

Rate	Method	PHI	REI	Max	Label Type - Pest – Notes
8 - 10 fl.oz per acre	Foliar: air, ground	1 day	24 hr	20 fl.oz.	Specimen label CA : aphid, <u>Asian citrus psyllid</u> , red scale, citrus leafminer, citrus thrips, mealybug, whiteflies; NOT Enclosed Greenhouse or Planthouse

Provado 1.6® Flowable Insecticide

Rate	Method	PHI	REI	Max	Label Type - Pest – Notes
10 - 20 fl.oz. per acres	Foliar: ground	0 day	12 hr.	40 fl.oz. per season	Specimen label CA: aphid, <u>Asian citrus psyllid</u> , leafhoppers, sharpshooter, leafminers, scales

Renounce® 20WP Insecticide

Rate	Method	PHI	REI	Max	Label Type - Pest – Notes
2.0 - 8.0 oz. per acre	Foliar: air, ground	0 day	12 hr	8 oz / crop season	Specimen label CA: cutworm, fuller rose beetle, root-weevil complex, citrus thrips, katydid
3 - 4 oz. per acre	Foliar: air, ground	0 day	12 hr	8 oz / crop season	2ee label: <u>Asian citrus psyllid</u> ; CA & AZ

Sevin® XLR Plus Insecticide

Rate	Method	PHI	REI	Max	Label Type - Pest – Notes
2 - 16 qt/acre	Foliar	5 day	12 hr	20 qt/crop	Specimen label CA: scale insects, citrus root weevil adults, fuller rose beetle
1.5 - 3.0 qt/acre	Foliar	5 day	12 hr	20 qt/crop	2ee label: <u>Asian citrus psyllid</u> ; CA

Always Read and Follow Label Instructions Before Use