

- Insecticides (neonicotinoids) which provide 6-8 weeks of psyllid control are the most effective tool for managing psyllids (and leafminer) on young trees.
- Currently three neonicotinoid products are registered for use in citrus: Admire Pro 4.6F (imidacloprid*), Platinum 75 SG (thiamethoxam), and Belay Insecticide 2.13 SC (clothianidin**)
- Although psyllids must first insert their mouthparts into the treated plant to contact the insecticide, the presence of these insecticides in the plant cause the psyllids to immediately quit feeding, thus reducing the chances of a tree becoming infected with HLB.

*various generic formulations are also available

** read and follow directions on Belay Insecticide Section 18 label.

RATE PER ACRE (single application) (Based on 140 trees/A)			
	New Reset (2-3' height)	1-2 yrs (3-5' height)	3-5+ yrs (5-9' height)
Admire Pro 4.6F	3.5 fl oz (0.025 fl oz/tree)	7 fl oz (0.05 fl oz/tree)	14 fl oz ¹ (0.1 fl oz/tree)
Platinum 75 SG	1.835 oz (0.0131 oz/tree)	1.835 oz (0.0131 oz/tree)	3.67 oz (0.026 oz/tree)
Belay Insecticide 2.13 SC ²	3.0 fl oz (0.02 fl oz/tree)	6.0 fl oz (0.04 fl oz/tree)	12.0 fl oz (0.08 fl oz/tree)

¹As per Admire Pro 24c label (EPA SLN FL-120008)

²Applicator must have in possession the Belay Sec 18 label and crisis declaration letter from FDACS.

SEASON-LONG ACP CONTROL ON YOUNG TREES												
Tree size	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Reset (<3')	P		A	A		B	B		A	A		P
1-2 yr (3-5')	P		A	B		B	B		B	A		P
3-5 yr (5-9') ¹ bearing				P		A	B		A	B		

A= Admire (imidacloprid); B=Belay (clothianidin); P=Platinum (thiamethoxam); timing of foliar applications with different modes of action to prevent pesticide resistance to neonics depicted by white boxes.

¹EPA SLN No. FL-12008 now permits up to 2 applications of Admire Pro at a rate of 14 fl oz/A per 12 months for trees 5-9' in height; Belay section 18 label permits 2 applications at 12 fl oz/A per 12 months for trees 5-9' in height. Always read and follow label directions.

In order to provide the most protection possible, applications of soil-applied neonicotinoids should be made a minimum of every 6 weeks, thus requiring 8-9 applications per year to provide season-long protection. There are limits on the amount of each product (active ingredient) that can be applied per acre/per year. The following tables show the number of applications of each product that are possible at the recommended use rate for trees of a given size class (see table on front) based on tree planting density. As tree size and planting density increase, fewer soil-applications will be possible, further increasing the need for effective psyllid control in the areas surrounding young tree plantings.

<3' height	# of applications possible			
Trees/A	Admire Pro	Platinum	Belay	Total
140	8	2	8.57	18.57
170	6.5	1.6	7.1	15.2
217	5.1	1.3	5.5	11.9
290	3.8	0.96	4.1	8.86

3-5' height	# of applications possible			
Trees/A	Admire Pro	Platinum	Belay	Total
140	4	2	4.3	10.3
170	3.2	1.6	3.5	8.3
217	2.6	1.3	2.8	6.7
290	1.9	0.96	2.1	4.96

5-9' height	# of applications possible			
Trees/A	Admire Pro	Platinum	Belay	Total
140	2	1	2.1	5.1
170	1.65	0.8	1.76	4.21
217	1.3	0.6	1.4	3.3
290	0.96	0.5	1.03	2.49



Resets (<3')



1-2 yr (3-5')



3-5+ yr (5-9')

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