



IMIDACLOPRID QUICK REFERENCE CHART

It is the user's responsibility to read and follow the label instructions when using pesticide materials.

MIXING					
Amount of Imidacloprid Product	Amount of Water for Moderate to Wet Soil		Amount of Water for Dry to Normal Soil		Active Ingredient per Inch DBH
	Concentration = 3 g.a.i. per oz mixture		Concentration = 1.5 g.a.i. per oz mixture		
22.6% or 21.4% 2F or 2L	1.3 fl oz water per fl oz product.		3.6 fl oz water per fl oz product.		If using a Kioritz soil injector with powdered product, default to the Dry to Normal ratio. If using a Kioritz soil injector, be sure the calibration ring is set on the red 5.
75% WSP (1.6 oz)	12 fl oz water per 1.6 oz packet.		24 fl oz water per 1.6 oz packet.		
75% WSP (2.25 oz)	16 fl oz water per 2.25 oz packet.		32 fl oz water per 2.25 oz packet.		
75% wettable powder	7 oz water per oz product		14 oz water per oz product		
DOSING					
Inches in Diameter (DBH)	Dosage per Inch DBH for Moderate to Wet Soil		Dosage per Inch DBH for Dry to Normal Soil		Active Ingredient per Inch DBH
	Kioritz Pumps	Soil Drench	Kioritz Pumps	Soil Drench	
1-11	1 pump	1/6 fl oz mixture	2 pumps	1/3 fl oz mixture	0.5 gram
12-18	1.5* pumps	1/4 fl oz mixture	3 pumps	1/2 fl oz mixture	0.75 gram
19-22	2 pumps	1/3 fl oz mixture	4 pumps	2/3 fl oz mixture	1 gram
>22 should be treated two consecutive years.	3 pumps	1/2 fl oz mixture	6 pumps	1 fl oz mixture	1.5 gram x 2 years

*To get the equivalent of 1.5 pumps per hole, do 1 pump in half the holes and 2 pumps in the other half, distributing these two levels evenly around the tree. For more information, please call the Hemlock Help Line 706-429-8010 or visit www.savegeorgiashemlocks.org.
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QUICK REFERENCE SAFARI 20 SG CHART

NOTE: It is the user's responsibility to read and follow the label instructions when using pesticide materials. Use special measuring device to measure product and regular measuring cup to measure water.

MIXING		
Master Batch for Kioritz Soil Injector Concentration = 2.4 g.a.i. / oz mixture	Master Batch for Soil Drench or Trunk Spray Concentration = 0.6 g.a.i. / oz mixture	Small Custom Batch for Soil Drench or Trunk Spray Concentration = 0.6 g.a.i. / oz mixture
12 oz. product with 28 oz. water 14 oz. product with 32 oz. water 28 oz. product with 64 oz. water 42 oz. product with 96 oz. water	3.5 oz product with 32 oz water 7 oz product with 64 oz water 10.5 oz product with 96 oz water 14 oz product with 128 oz water	Use 2 oz water per diameter inch with amount of product indicated below.

DOSING				
Inches DBH	Kioritz Soil Injection: PUMPS per Inch DBH (1/8 ounce per pump)	Soil Drench or Trunk Spray from Master Batch: Oz. of MIXTURE per Inch DBH	Soil Drench or Trunk Spray from Small Custom Batch: Amount of PRODUCT per Inch DBH	G.A.I. per inch DBH
1 - 15	1.5 pumps	1 oz	3 grams = .1 oz	0.6 gram
16 - 19	2 pumps	1.33 oz	4 grams = .133 oz	0.8 gram
20 - 23	2.5 pumps	1.67 oz	5 grams = .167 oz	1 gram
24 - 27	3 pumps	2 oz	6 grams = .2 oz	1.2 grams
28 - 31	3.5 pumps	2.33 oz	7 grams = .233 oz	1.4 grams
32 - 35	4 pumps	2.67 oz	8 grams = .267 oz	1.6 grams
36 - 39	4.5 pumps	3 oz	9 grams = .3 oz	1.8 grams
40 - 43	5 pumps	3.33 oz	10 grams = .33 oz	2 grams
44 - 47	5.5 pumps	3.67 oz	11 grams = .367 oz	2.2 grams
48 +	6 pumps	4 oz	12 grams = .4 oz	2.4 grams

Note: Apply Safari® 20SG from Feb 1 to Nov 15. For more information, call 706-429-8010 or visit www.savegeorgiashemlocks.org. ©2010 Save Georgia's Hemlocks. Rev. 3-4-15 F.A.C.



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12 oz. product with 28 oz. water 14 oz. product with 32 oz. water 28 oz. product with 64 oz. water 42 oz. product with 96 oz. water	3.5 oz product with 32 oz water 7 oz product with 64 oz water 10.5 oz product with 96 oz water 14 oz product with 128 oz water	Use 2 oz water per diameter inch with amount of product indicated below.

DOSING				
Inches DBH	Kioritz Soil Injection: PUMPS per Inch DBH (1/8 ounce per pump)	Soil Drench or Trunk Spray from Master Batch: Oz. of MIXTURE per Inch DBH	Soil Drench or Trunk Spray from Small Custom Batch: Amount of PRODUCT per Inch DBH	G.A.I. per inch DBH
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