



### IMIDACLOPRID QUICK REFERENCE CHART – Kioritz & Soil Drench

NOTE: 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	
21.4% 2F or 22.6% 2L	1.3 oz water per 1 oz product		3.6 oz water per oz product	
75% WSP (1.6 oz)	12 oz water per 1.6 oz packet		24 oz water per 1.6 oz packet	
75% WSP (2.25 oz)	16 oz water per 2.25 oz packet		32 oz water per 2.25 oz packet	
75% wettable powder	7 oz water per 1 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	
	Kioritz Pumps	Soil Drench	Kioritz Pumps	Soil Drench
1-11	1 pump	1/6 oz mixture	2 pumps	1/3 oz mixture
12-18	1.5 pumps*	1/4 oz mixture	3 pumps	1/2 oz mixture
19-22	2 pumps	1/3 oz mixture	4 pumps	2/3 oz mixture
>22 should be treated two years in a row.	3 pumps	1/2 oz mixture	6 pumps	1 oz mixture

If using a Kioritz soil injector with a powdered product, default to the Dry to Normal ratio.

Kioritz calibration ring should be set on the red 5.

\*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<sup>SM</sup> 706-429-8010 or visit [www.savegeorgiashemlocks.org](http://www.savegeorgiashemlocks.org).



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### SAFARI 20 SG QUICK REFERENCE CHART – Kioritz, Soil Drench, & Trunk Spray

NOTE: It is the user's responsibility to read and follow the label instructions when using pesticide materials. Use the **special measuring cup\*** that comes with Safari 20 SG to measure the required amount of product and a regular measuring cup to measure the water.

#### MIXING

<b>Master Batch for Kioritz Soil Injector</b> 6 oz product with 28 oz water 7 oz product with 32 oz water (1 qt) 14 oz product with 64 oz water (2 qts) 21 oz product with 96 oz water (3 qts)	<b>Master Batch for Soil Drench or Trunk Spray</b> 3 . 5 oz product with 32 oz water (1 qt) 7 oz product with 64 oz water (2 qts) 10 . 5 oz product with 96 oz water ( 3 qts) 14 oz product with 128 oz water (1 gal)	<b>Small Custom Batch for Soil Drench or Trunk Spray</b>  Use 2 oz. of water per diameter inch with amount of product indicated below.
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#### DOSING

Inches DBH	Kioritz Soil Injector: PUMPS per Inch DBH	Soil Drench or Trunk Spray from Master Batch: Oz. of MIXTURE per Inch DBH	Soil Drench or Trunk Spray from Small Custom Batch: Oz. of PRODUCT per Inch DBH
1 – 15	3 pumps	1 oz	0 . 1 oz = 3 grams
16 – 19	4 pumps	1 1/3 oz	0 . 133 oz = 4 grams
20 – 23	5 pumps	1 2/3 oz	0 . 167 oz = 5 grams
24 - 27	6 pumps	2 oz	0 . 2 oz = 6 grams
28 – 31	7 pumps	2 1/3 oz	0 . 233 oz = 7 grams
32 – 35	8 pumps	2 2/3 oz	0 . 267 oz = 8 grams
36 – 39	9 pumps	3 oz	0 . 3 oz = 9 grams
40 or more	10 pumps	3 1/3 oz	0 . 333 oz = 10 grams

Note: Apply Safari® 20SG from Feb 1 to Nov15. For more information, call 706-429-8010 or visit [www.savegeorgiashemlocks.org](http://www.savegeorgiashemlocks.org).

\*Conversion Factor: If you don't have the special measuring cup, you can use a regular measuring cup with the following conversion factor:  
8 fl. oz. by volume in a regular measuring cup = 4 oz by weight of Safari

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