

## 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 Concentration = 3 g.a.j. per oz mixture	Amount of Water for Dry to Normal Soil 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.			
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			

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

If using a <u>Kioritz</u> soil injector, be sure the calibration ring is set on the red 5.

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		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

<sup>\*</sup>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 Lines 706-429-8010 or visit www.savegeorgiashemlocks.org.

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		MIXING			If uning a Viority coil	
Amount of Imidacloprid Product	for Modera	t of Water te to Wet Soil g.a.i. per oz mixture	for Dry to	nt of Water Normal Soil 5 g.a.i. per oz mixture	If using a <u>Kjoritz</u> soil injector with powdered product, default to the Dry to Normal ratio.	
22.6% or 21.4% 2F or 2L	1.3 fl oz water j	per fl oz product.	3.6 fl oz water	per fl oz product.		
75% WSP (1.6 oz)	12 fl oz water p	er 1.6 oz packet.	24 fl oz water	per 1.6 oz packet.	If using a <u>Kioritz</u> soil injector, be sure the	
75% WSP (2.25 oz)	16 fl oz water per 2.25 oz packet.		32 fl oz water per 2.25 oz packet.		calibration ring is set	
75% wettable powder	7 oz water per oz product		14 oz water per oz product		on the red 5.	
		DOSING				
Inches	Dosage per Inch DBH		Dosage per Inch DBH		Active Ingredient	
in Diameter (DBH)	for Modera	te to Wet Soil	for Dry to	Normal Soil	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	

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٦			MIXING			If using a Kioritz soil
	Amount of Imidacloprid Product	for Modera	t of Water te to Wet Soil g.a.i. per oz mixture	for Dry to	t of Water Normal Soil 5 g.a.i. per oz mixture	injector with powdered product, default to the Dry to Normal ratio.
	22.6% or 21.4% 2F or 2L	1.3 fl oz water j	per fl oz product.	3.6 fl oz water	per fl oz product.	
	75% WSP (1.6 oz)	12 fl oz water p	er 1.6 oz packet.	24 fl oz water p	oer 1.6 oz packet.	If using a Kioritz soil injector, be sure the
	75% WSP (2.25 oz)	75% WSP (2.25 oz) 16 fl oz water per 2.25 oz packet. 32 fl oz water per 2.25 oz		er 2.25 oz packet.	calibration ring is set	
	75% wettable powder	ole powder 7 oz water per oz product 14 oz water per oz produc		per oz product	on the red 5.	
			DOSING			
	Inches in Diameter (DBH)  for Moderate to Wet Soil  Kioritz Pumps Soil Drench		• .	er Inch DBH Normal Soil Soil Drench	Active Ingredient per Inch DBH	
	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

<sup>\*</sup>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 Lines 706-429-8010 or visit www.savegeorgiashemlocks.org. 9.2010 Save Georgias Hemlocks. Rev. 3-4.15.FAC.



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		MIXING			If using a Visuity sail
Amount of Imidacloprid Product			Amount of Water for Dry to Normal Soil Concentration = 1.5 g.g.j. per oz mixture		If using a <u>Kjoritz</u> soil injector with powdered product, default to the Dry to Normal ratio.
22.6% or 21.4% 2F or 2L	1.3 fl oz water j	per fl oz product.	3.6 fl oz water	per fl oz product.	
75% WSP (1.6 oz)	12 fl oz water p	er 1.6 oz packet.	24 fl oz water j	per 1.6 oz packet.	If using a Kjoritz soil injector, be sure the
75% WSP (2.25 oz)	16 fl oz water p			calibration ring is set	
75% wettable powder	7 oz water p	er oz product	14 oz water per oz product		on the red 5.
		DOSING			
Inches	Dosage per Inch DBH		Dosage per Inch DBH		Active Ingredient
in Diameter (DBH)	for Modera	te to Wet Soil	for Dry to	Normal Soil	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

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

		DOSING		
Inches DBH	Kioritz Soil Injection: PUMPS per Inch DBH (1/6 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 <a href="www.savegeorgia/shemlocks.org">www.savegeorgia/shemlocks.org</a>. © 2010 Save Georgia/s Hemlocks. Rev. 3-4-15 FAC



## **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	Master Batch	Small Custom Batch for			
	for Kioritz Soil Injector	for Soil Drench or Trunk Spray	Soil Drench or Trunk Spray			
	Concentration = 2.4 g.a.i. / oz mixture	20000	Concentration = 0.6 g.a.i. / oz mixture			
	12 oz. product with 28 oz. water	3.5 oz product with 32 oz water	Use 2 oz water per diameter			
	14 oz. product with 32 oz. water	7 oz product with 64 oz water	inch with amount of product			
	28 oz. product with 64 oz. water	10.5 oz product with 96 oz water	indicated below.			
	42 oz. product with 96 oz. water	14 oz product with 128 oz water				
		DOSING				
Inches	Kioritz Soil Injection:	Soil Drench or Trunk Spray	Soil Drench or Trunk Spray	G.A.I.		
DBH	PUMPS per Inch DBH	from Master Batch:	from Small Custom Batch:	per inch		
	(1/6 ounce per pump)	Oz. of MIXTURE per Inch DBH	Amount of PRODUCT per Inch DBH	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		

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

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	DOSING						
Inches	Kioritz Soil Injection:	Soil Drench or Trunk Spray	Soil Drench or Trunk Spray	G.A.I.			
DBH	PUMPS per Inch DBH	from Master Batch:	from Small Custom Batch:	per inch			
	(1/6 ounce per pump)	Oz. of MIXTURE per Inch DBH	Amount of PRODUCT per Inch DBH	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			

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

		DOSING		
Inches DBH	Kioritz Soil Injection: PUMPS per Inch DBH (1/6 ounce per pump)	Soil Drench or Trunk Spray from Master Batch:	Soil Drench or Trunk Spray from Small Custom Batch:	G.A.I. per inch
4 45	1 1 17	Oz. of MIXTURE per Inch DBH	Amount of PRODUCT per Inch DBH	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
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48 +	6 pumps	4 oz	12 grams = .4 oz	2.4 grams

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