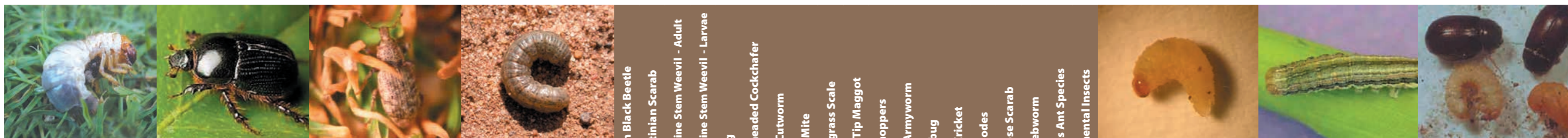
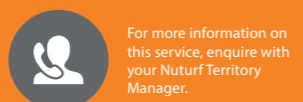




# INSECTICIDE REFERENCE GUIDE



Product	Active(s)	Adulticide or Larvaecide	Group	Rate / 100m <sup>2</sup>	Water Volume (L / 100m <sup>2</sup> )	Residual / Knockdown	African Black Beetle	Argentinian Scarab	Argentine Stem Weevil - Adult	Argentine Stem Weevil - Larvae	Billbug	Blackheaded Cockchafer	Black Cutworm	Couch Mite	Couchgrass Scale	Couch Tip Maggot	Grasshoppers	Lawn Armyworm	Mealybug	Mole Cricket	Nematodes	Pruinose Scarab	Sod Webworm	Various Ant Species	Ornamental Insects	Post Application Requirements
<b>Acelepryn</b>	Chlorantrantrani-prole	Larvaecide	28	7.5 - 15mL	4 - 8	Residual																			Apply at or before peak egg hatch, increase rate as pest maturity increases. Irrigate with 6mm immediately unless treating for Caterpillars, in which case delay for 24hrs.	
<b>Agador</b>	Abamectin	Adulticide	6	10 - 20mL	3.5 - 10	Knockdown																				Apply with a non-ionic surfactant to assist in Couch Mite control. Nematode control should be aided with irrigation of 6mm immediately.
<b>Bifenthrin Granular</b>	Bifenthrin	Adulticide	3A	12 - 44g	N/A	Knockdown																				Best results achieved when applied at egg hatch or very early larvae stage. Apply 4mm of irrigation soon after application.
<b>Columbus</b>	Thiamethoxam	Larvaecide	4A	8 - 12mL	5	Residual																				Apply at peak egg hatch through to early larvae stage. 6 - 12mm of irrigation is required within an hour of application.
<b>Compel Pro</b>	Bifenthrin	Both	3A	12 - 44mL	> 2	Knockdown																				Best results achieved when applied at egg hatch or very early larvae stage. Apply 4mm of irrigation soon after application.
<b>Finesse</b>	Etoazole	Both	10B	2 mL	3 - 5	Residual																				Apply early stages of mite presence - juveniles. Apply a knockdown adulticide first if population is established.
<b>Hy - Mal</b>	Maldison	Adulticide	1B	55mL	8 - 10	Knockdown																				Ensure a uniform coverage and good contact with the plant. Follow up with a 1-3mm irrigation application.
<b>Higran</b>	Diafenthiuron	Adulticide	12A	5mL	3 - 5	Residual																				Ideal rotational partner for Abamectin products. Apply with a non-ionic surfactant to assist in Couch Mite control.
<b>Instar</b>	Fipronil	Adulticide	2B	0.75 - 1.5Kg	N / A	Residual																				Ensure a uniform coverage and good contact with the plant. Apply 4mm of irrigation soon after application.
<b>Meridian</b>	Thiamethoxam	Larvaecide	4A	8 - 12g	N / A	Residual																				Apply at egg hatch or early larvae. Ideally onto wet or dewy grass. Irrigate with 6-12mm within an hour.
<b>Monarch</b>	Fipronil	Larvaecide	2B	2.4 - 6mL	> 4	Residual																				Irrigate with 6mm immediately.
<b>Penside</b>	Diazinon	Adulticide	1B	125 - 250mL	15	Knockdown																				Mow to remove any flowers before treatment. Apply, followed with a 2mm irrigation.
<b>Pride</b>	Imidacloprid	Larvaecide	4A	25mL	> 4	Residual																				Apply at peak egg hatch for Black Beetle & Scarab or early larvae for Billbug, ideally onto wet or dewy grass. Irrigate with 12mm within an hour.
<b>Provaunt</b>	Indoxacarb	Both	22A	3.75 - 12.5g	> 400	Knockdown																				Apply when over-wintered adults are witnessed in spring or to treat new, feeding Larvae.
<b>Prophecy</b>	Clofentezine	Egg / Larvae	10A	5mL	3 - 5	Residual																				Apply early curative as populations build. An ideal tank / program partner with a knockdown adulticide.
<b>Suprathion 400EC</b>	Methidathion	Both	1B	100 - 125mL	8 - 14	Knockdown																				Apply at 10 day intervals as required. Best results for Scale are achieved when in the crawler (larve) stage. Use higher rate for Mealy Bug.
<b>Spinner</b>	Cyantraniliprole & Thiamethoxam	Larvaecide	4A & 28	5 - 10g	7 - 10	Residual																				Apply at peak egg hatch or when juvenile larvae is present, ideally onto wet or dewy grass. Irrigate with at least 3mm within an hour.
<b>Strike Out 500EC</b>	Chlorpyrifos	Larvaecide	1B	7 - 60mL	3 - 5	Knockdown																				Apply when pest damage is first observed. Apply as late in the day as possible and follow up with irrigation for Black Beetle and Argentine Stem Weevil.
<b>Taser Pro</b>	Bendiocarb	Adulticide	1A	13 - 18g	10	Residual																				Apply to adult Black Beetle. Use higher rate in sandy soils or when large populations are present.
<b>Thumper</b>	Abamectin	Both	6	10 - 50mL	2.5 - 5	Knockdown																				Leave on foliage for Mite control. Nematode control requires 10mm of irrigation immediately.
<b>Tempo Xtra</b>	Imidacloprid & Beta - Cyfluthrin	Both	3A & 4A	20 - 50mL	2	Residual																				Apply to early larvae for Billbug, Black Beetle and Scarabs. A 6 weekly program for Argentine Stem Weevil. First signs of Mole Cricket presence, and at early signs of Mite. Pests found in the soil require at least 4mm of irrigation.
<b>Waldo Miticide</b>	Diafenthiuron	Adulticide	12A	5mL	3 - 5	Residual																				Ideal rotational partner for Abamectin. Use a non-ionic surfactant. Early curative when Mite population is growing. No rainfall or irrigation for at least 6 hours.



Contact your Nuturf Territory Manager for more information  
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