

# INSECTICIDES



## 18-0-12 + 0.067% GRUBOUT® XL

- Preventive grub control with expanded spectrum and early application flexibility
- Targets white grubs plus turf-feeding caterpillars
- Provides longer residual control compared to traditional grub products
- Contains essential plant nutrients to feed while preventing damage in one pass

**PRODUCT CODE** 10011498

**PRODUCT USES** Broadcast applications on golf courses, sports fields, residential lawns, commercial lawns, ornamentals and sod farms

**APPLICATION** 3.44-11.47 lbs/1000 sq ft

**PACKAGING** 50-lb bags; 40 bags/pallet

### GUARANTEED ANALYSIS

Total Nitrogen (N).....	18.00%
5.76%...Urea Nitrogen	
5.04%...Water Insoluble Nitrogen	
7.20%...Other Water Soluble Nitrogen	
Soluble Potash (K <sub>2</sub> O).....	12.00%
Sulfur (S).....	4.00%
4.00%...Combined Sulfur	

Derived from urea, methylene ureas, and potassium sulfate.

\*7.20% slowly available nitrogen from methylene ureas

### ACTIVE INGREDIENTS

Chlorantraniliprole\*  
3-Bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide.0.067%

**OTHER INGREDIENTS** ..... 99.933%  
Total..... 100.000%



### GRUBOUT PRODUCT LINE OVERVIEW

Product	Active Ingredient	SGN	Curative or Preventative	Feature	Nitrogen Source
GrubOut DG	0.2% Imidacloprid	Fairway	Preventative	Targets white grubs on DG Pro dispersible carrier	-
15-0-4 Grubout	0.2% Imidacloprid	Standard	Preventative	Targets white grubs	25% Fortify-N*
21-0-4 GrubOut	0.2% Imidacloprid	Standard	Preventative	Targets white grubs	50% Fortify-N*
0-0-7 GrubOut	0.2% Imidacloprid	Standard	Preventative	Targets white grubs	-
17-0-3 GrubOut Plus	0.2% Imidacloprid 0.04 % Lambda-cyhalothrin	Standard	Curative and Preventative	Prevents grubs while controlling surface insects with a quick knockdown	50% Fortify-N*
21-0-5 GrubOut XL	0.067% Chlorantraniliprole	Standard	Preventative and Early Curative	Longer residual, reduced-risk to pollinators	50% NS-54**
16-0-6 GrubOutXL	0.067% Chlorantraniliprole	Standard	Preventative and Early Curative	Longer residual, reduced-risk to pollinators	50% Fortify-N*
18-0-12 GrubOut XL	0.067% Chlorantraniliprole	Fairway	Preventative and Early Curative	Longer residual, reduced-risk to pollinators	80% MUTech***

\*Fortify-N uses dual nitrogen stabilizers to improve nitrogen efficiency and reduce losses from volatilization, leaching, and denitrification, providing a consistent 5-7 week release.

\*\*NS-54 is a polymer- and sulfur-coated nitrogen source with an advanced coating that delivers a higher nitrogen content than traditional PCSCU and a reliable 5-7 week release.

\*\*\*MUTech releases nutrients based on environmental conditions, minimizing leaching and burn risk with a low salt index, while offering an extended 20-week release.



### FOR MORE INFORMATION

Contact your local authorized distributor of The Andersons products, your Territory Manager from The Andersons, or call 800-253-5296.

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