

## Fungicides and Bactericides

Common, trade and chemical names, their basic manufacturer(s), general use patterns and oral and dermal LD<sub>50</sub>s.

Common name, trade name and basic manufacturer(s)	Chemical name	General use pattern	Oral LD <sub>50</sub> (rats)	Dermal LD <sub>50</sub> (rabbits)
Abound® (see azoxystrobin)				
Achieve® (see fenoxanil)				
Acanto® (see picoxystrobin)				
acibenzolar-S-methyl, Actigard®, Blockade® (Syngenta)	S-methyl benzo[1,2,3]thiadiazole-7-carbothioate	Disease resistance activator for cucurbits, vegs against downy mildew, bacterial spot & blue mold.	>5000	>2000
Acrobat® (see dimethomorph)				
Actigard® (see acebenzolar-S- methyl)				
Actinovate® (see <i>Streptomyces lydicus</i> )				
Afugan® (see pyrazophos)				
Agri-Mycin® (see streptomycin)				
AgriPHAGE® (AgriPhil)	biofungicide (anti bacterial virus or bacteriophage)	For bacterial spot on tomato & peppers		
<i>Agrobacterium radiobacter</i> Galltrol-A®, No-Gall® (AgBioChem)		Eradicant for bacterial diseases.	Non- toxic	
Alamo® (see propiconazole)				
Algae-Rhap® (see copper- triethanolamine)				
Aliette® (see fosetyl-Al)				
Altima® (see fluazinam)				
Alto® (see cyproconazole)				
Amistar® (see azoxystrobin)				
<i>Ampelomyces quisqualis</i> AQ-10(Ecogen)		Microbial for powdery mildew on apples, cherries, cucurbits, grapes, ornamentals, vegs.	Non Toxic	

\* Chemical nomenclature used is either that of Chemical Abstracts (American Chemical Society) or International union of Pure and Applied Chemistry (IUPAC). The author and publisher make no warranty, express or implied, regarding the accuracy of this Appendix.

Common name, trade name and basic manufacturer(s)	Chemical name	General use pattern	Oral LD <sub>50</sub> (rats)	Dermal LD <sub>50</sub> (rabbits)
anilazine, Dyrene® (discontinued)	2,4-dichloro-6-( <i>o</i> -chloroanilino)- <i>s</i> -triazine	Fungus diseases of lawns, turf, vegs, potato & tomato leafspots.	2710	>9400
Antracol® (see propineb)				
Anvil® (see hexaconazole)				
ApronXL® (see metalaxyl-M)				
AQ-10® (see <i>Ampelomyces quisqualis</i> )				
Arbotect® (see thiabendazole)				
Arius® (see quinoxifen)				
Armicarb® (see potassium bicarbonate)				
Ascend® (see TCMTB)				
<i>Aspergillus flavus</i> strain AF-36		Mycofungicide for aflatoxin control in cotton.		
Aspire® (see <i>Candida oleophila</i> )				
AtEze® (see <i>Pseudomonas chlorophis</i> )				
azoxystrobin, Heritage®, Abound®, Amistar®, Quadris® (Syngenta)	methyl-(E)-2-2-6-(2-cyanophenoxy)pyrimidin-4- yloxy-phenyl-3-methoxyacrylate	Bananas, grapes, peaches, peanuts, pecans, lettuce, tomatoes, berries, safflower, tropical fruits & turf.	5000	—
<i>Bacillus licheniformis</i> St. 3085, 3086/1BA, Green Releaf®, Ecoguard® (Novozymes)		For dollar spot on turf, lawns & golf courses.	Non- toxic	
<i>Bacillus pumilus</i> GB34, QST-2808, Sonata AS® (AgraQuest, Gustafson)	biofungicide	For fireblight, scab on pome fruits, powdery mildew on apples.	Non- toxic	
<i>Bacillus subtilis</i> , (Sts, 6B03, MGI600, QST713) Companion®, Kodiak®, Serenade®, Subtilex®, Rhapsody® (Gustafson, AgraQuest)		Seed treatment to prevent <i>Rhizoctonia</i> & <i>Fusarium</i> diseases.	Non- toxic	
<i>Bacillus subtilis</i> var. <i>amyloiquefaciens</i> St. FZB-24, Taegro® (Earth Biosciences)		Root protectant for seedling & root diseases in ornamentals.	Non- toxic	
bacteriophages (see AgriPHAGE®)				
bacticin, Gallex® (AgBioChem)	mixtures of 2,4-xyleneol and meta-cresol	Preventive & curative for bacterial tumors on canes, fruit & nut trees.	4640	—