



(This list was handed out by Dr. Kane at the July MAGCS meeting)

**SYSTEMIC FUNGICIDES**  
(by chemical class)

common name	Trade Names	mode of action	resistance risk
<b>benzimidazoles:</b> benomyl	Tersan 1991, etc.	mitotic poison single site known	high
thiophanates	Fungo, Cleary 3336	"	high
<b>dicarboximides:</b> iprodione	Chipco 26019, etc.	not well known prob single site	moderate
vinclozolin	Vorlan, Curalan, etc.	"	moderate
<b>pyrimidine:</b> fenarimol (flurprimidol	Rubigan Cutless	demethylase inhib. DMI	moderate ???)
<b>1,2,4-triazoles:</b> triadimefon propiconazole myclobutanil cyproconazole tebuconazole (paclobutrazole	Bayleton, etc. Banner Eagle (exp) Sentinel Lynx (exp) Scotts TGR	DMI DMI DMI DMI DMI DMI	moderate moderate moderate? moderate? moderate ???)
<b>phenylamide:</b> metalaxyl	Subdue, Apron, etc.	RNA synthesis single site	high
<b>carbamate:</b> propamocarb	Banol	membrane disruption multi-site systemic	low
<b>organo-phosphate:</b> phosethyl-Al	Aliette	indirect effects on plant resistance (?) multi-site	low

**CONTACT FUNGICIDES**

— all multisite inhibitors — all have v. low risk of fungal resistance development

common name	Trade Name	chemical class
anilazine	Dyrene	triazine (discontinued?)
chlorothalonil	Daconil 2787, etc.	nitrile
mancozeb	Fore, etc.	dithiocarbamates
PCNB	Terraclor, etc.	chlorinated hydrocarbon
thiram	Spotrete	dithiocarbamate
chloroneb	Terramac SP, etc.	chlorinated hydrocarbon
etridiazole	Koban, Ethazol	thiadiazole
mercury chloride	Calo-clor	heavy metal
phenyl mercury acetate	PMAS	heavy metal

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