

Effects of Fungicides on Mycorrhizal Fungi

N=no effect L=No effect at low rate, tends to suppress at high rate

S=Suppresses at any rate If blank, no information available.

| Common Name | Trade Name | Endomycorrhiza | Ectomycorrhiza |
|-------------------------------------|---|----------------|----------------|
| Agri-fos | Agri-fos | N | N |
| Alliete | Alliete | N | N |
| Azoxystrobin | Heritage, Quadris | N | N |
| Banrot | Banrot | | S |
| Benodamil | Bayleton | S | S |
| Captan | Captan, Orthocide | S | L |
| Chloroneb | Terraneb SP, Terremec SP | L | S |
| Chlorothalonil | Daconil 2787, Daconil Ultrex, Daconil Weather Stik, Bravo | N | L |
| Cyproconazole | Sentinel | | |
| Fixed copper | Bordeaux Mixture | | |
| Zinc ethelene bisdithiocarbamate | Dithane, Mancozeb | N | |
| Etridiazole | Koban | | S |
| Fenamino-sulf | Lesan | | S |
| Fenarimol | Rubigan | N | |
| Fludioxonil | Maxim | N | |
| Flutolanil | ProStar | | |
| Folpet | Phaltan | S | S |
| Fosetyl-AL | Alliette, Prodigy, Alliette Signature | N | N |
| Iprodione | Chipco 26019 | N | |
| Maneb | Maneb, Mancozeb | | S |
| Mancozeb/Dithane | Manzate, Fore | N | S |
| Metalaxyl-Ridomil | Apron/Subdue Maxx | N | N |
| Myclobutanil | Eagle | | |
| Olpisan | Olpisan | | S |
| Propamocarb | Banol | | |
| Propiconazole | Banner MAXX | S | |
| Quintozene | PCNB Terrachlor, Turfcide | L | S |
| Streptomycin | Agri-Step | | |
| Sulfur | Sulfur | | |
| Terraclor | Terraclor | N | |
| Thiophanate-methyl | Cleary's 3336, Fungo, Systec 1998 | N | |
| Thiram | Thiram, Tersan 75 | N | S |
| Thiazole | Benomyl, Benlate, Tersan 1991 | S | L |
| Triadimefon | Bayleton | S | S |
| Triforine | Funginex | | |
| Vinclozolin | Curlan, Vorlan | | |
| Zinc white | Zinc oxide | | S |
| Zineb | Zineb | | L |
| Ziram | Ziram | | S |

General Observations:

- ◆ The longer the wait to apply any fungicide after mycorrhizal fungi inoculation, the better the mycorrhizal fungi (MF) development
- ◆ Most foliar sprays of any fungicide (except systemics such as Bayleton) have little effect on MF.

