

I. Fungicides (are effective only for the control of fungal diseases)

Active Ingredients	Formulation [^]	Uses	Trade Names
Thiram	WP	Controls foliar diseases in turf, trees, plants & for seed treatment	Tritomol, Tersan
Metalaxyl+Mancozeb	WP	Controls <i>Phytophthora</i> root and stem diseases	Ridomil MZ
Physan	EC	Controls algae, bacterial leaf spots & slime moulds	Triconsan
Captan	WP	Controls leaf spot diseases, downy mildew, sooty moulds & fruit rots	Captan, Trimegol
Chlorothalonil	WP	Controls powdery mildews and foliar diseases	Daconil, Bravo
Mancozeb	WP	Controls diseases in vegetables, small fruits & pseudobulb rot of orchid	Dithane M-45
Benomyl	WP	Controls anthracnose, leaf spot diseases, root rots & Fusarium wilts	Benlate
Carbendazim	WP	Controls anthracnose, leaf spot diseases, root rots & Fusarium wilts	Bavistin, Derosal
Triforine	EC	Controls powdery mildews, rusts & fruit scabs	Saprol

II. Insecticides (are effective only for control of plant pests & insects)

Active Ingredients	Formulation [^]	Uses	Trade Names
Mineral oil*	Oil	Control scales, aphids, spidermites, mealybugs & whiteflies	Summer oil
Organic soap	EC	Controls whiteflies, scales, thrips, aphids & mealybugs	Wilson
Neem	EC	General organic insecticide	Bioact
<i>Bacillus thuringiensis</i>	WP	Controls caterpillars & bagworms	Dipel, Thuricide
Sulphur	WP	Controls mites	Wilson
Malathion	EC	Controls fruit flies, webworms, cecid flies, leaf hoppers & grass hoppers	Malathion, Trino
Pyrethrins	EC	Controls whiteflies, aphids & mealybugs	Yates, Hi-Kill
Permethrin	EC	Controls caterpillars, fruit weevils, beetles, fruit flies, aphids & thrips	Ambush
Carbaryl	WP	Controls fruit flies, webworms, cecid flies, leaf hoppers & grass hoppers	Sevin
Diazinon	EC	Controls soil insects, stem & shoot borers	Basudin, Trisudin
Dimethoate	EC	Controls spidermites and mealybugs	Rogor, Triluxion
Trichlorofon	EC	Controls fruit flies, webworms, cecid flies, leaf hoppers & grasshoppers	Dipterex
Metaldehyde	Pellets	Controls snails & slugs	Snailkiller/bait

*Alternative oil recipes (soya bean, corn oil)

- 1 teaspoon mild detergent + 4 ½ tablespoon cooking oil + 950 ml water
- Mix thoroughly before spraying. Uneven mixing may cause “burns”.
- Apply in the mornings or evenings. Avoid use in hot weather.

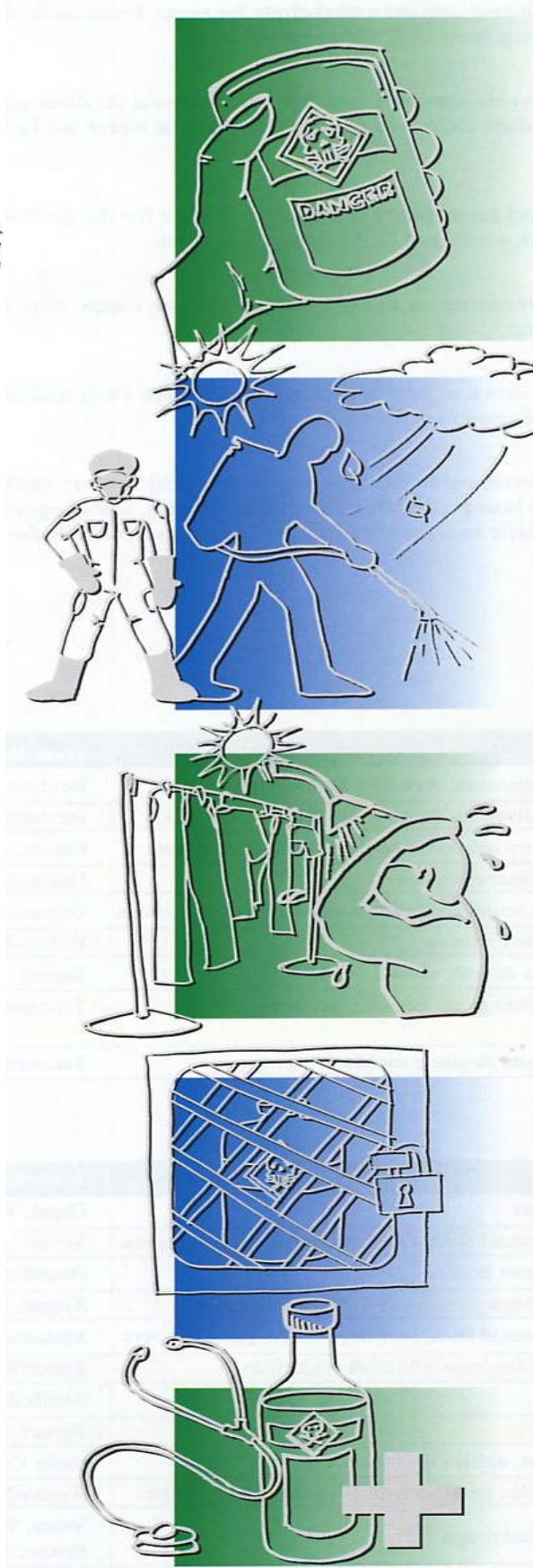
[^]WP : *Wettable powder*

[^]EC: *Emulsifiable concentrate*

SAFE USE OF PESTICIDES



Animal & Plant Health Centre, AVA, 6 Perahu Road, Singapore 718827
Tel: 63165168. Fax: 63161090



BEFORE SPRAYING

- Read label carefully
- Observe safety precautions and usage directions
- Always wear gloves and use stirring rod when mixing chemicals. Do not eat.
- Check equipment for any leakage before use.
- Keep children and pets away at all times

DURING SPRAYING

- Do not spray against the wind, in enclosed areas or under the hot sun
- Do not eat, drink or smoke while spraying
- Wear appropriate protective clothing: mask, gloves, long sleeve shirt and safety glasses.

AFTER SPRAYING

- Wash equipment and clothing.
- Thoroughly rinse and crush empty containers before proper garbage disposal.
- Bathe entire body

PESTICIDE STORAGE

- Store pesticides under lock and key.
- Do not keep pesticides in drinking containers.
- Label pesticide containers

FIRST AID

- In case of accidents, seek medical attention immediately.
- Bring along the pesticide container or label for reference.

* **A REMINDER** *

Stop the application of pesticides at least 14 days before harvesting fruits and vegetables for consumption.