

COMPATIBILITY CHART FOR INSECTICIDES AND FUNGICIDES

by

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TEXAS A. AND M. COLLEGE SYSTEM

	Lead Arsenate	Basic Lead Arsenate	Zinc Arsenate	Calcium Arsenate	Paris Green	Cryolite	Rotenone	Pyrethrum	40% Nicotine Sulphate	Summer Oils	Dormant Oils	Dinitro Compounds	DDT	BHC	Chlordane	Toxaphene	HETP & TEPP	Parathion	Glyoxalidines	Quinones	Organo-Mercuri	Bordeaux	Fixed Coppers	Lime Sulphur	Wettable Sulphur	Dithiocarbonates	Zinc Sulphate + Lime	Lime
Lead Arsenate		C	C	C	C	C	C	C	C	C	D	D	C	C	C	C	D	C	C	C	C	C	C	D ¹	C	C	C	C
Basic Lead Arsenate	C		C	C	C	C	C	C	C	C	D	D	C	D	D	C	I	D	C	C	C	C	C	D ¹	C	C	C	C
Zinc Arsenate	C	C		C	C	C	C	C	C	D	D	C	C	C	C	I	D	D	C	C	C	C	D ¹	C	C	C	C	C
Calcium Arsenate	C	C	C		C	I	D ²	D ²	C	C	D	D	C	I	D	D	I	D	C	D	D	C	C	C	C	D ³	C	C
Paris Green	C	C	C	C		I	I	I	C	D	D	D	C	C	C	C	I	D	D	C	C	C	C	I	I	I	D	C
Cryolite	C	C	C	I	I		C	C	I	C	D	D	C	C	C	C	D	D	D	C	C	I	D	I	C	C	I	I
Rotenone	C	C	C	D ³	I	C		C	C	D	D	C	C	C	C	D	C	D	C	C	C	C	C	I	C	C	I	I
Pyrethrum	C	C	C	D ³	I	C	C		C	D	D	C	C	C	C	D	C	D	C	C	C	C	C	I	C	C	I	I
40% Nicotine Sulphate	C	C	C	C	C	I	C	C		C	D	D	C	D	D	C	D	C	C	D	C	C	C	C	C	C	C	C
Summer Oils	C	C	C	C	D	C	C	C	C		C	I	C	C	C	C	C	D	C	I	C	C	C	I	I	C	C	C
Dormant Oils	D	D	D	D	D	D	D	D	D	C		C	C	C	C	C	C	D	I	C	C	C	I	D	C	D	D	D
Dinitro Compounds	D	D	D	D	D	D	D	D	I	C		C	C	C	C	D	D	C	I	D	D	D	D	D	D	C	D	D
DDT	C	C	C	D	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	D	C	C	D ²	D ²
BHC	C	D	C	I	C	C	C	D	C	C	C	C	C	C	C	C	C	I	C	C	I	D	I	C	C	I	I	I
Chlordane	C	D	C	D	C	C	C	D	C	C	C	C	C	C	C	C	C	D	C	C	D	C	D	C	D	C	D	D
Toxaphene	C	C	C	D	C	C	C	C	C	C	C	C	C	C	C	C	C	D	C	C	D	C	D	C	D	C	D	D
HETP & TEPP	D	I	I	I	I	D	D	D	C	C	D	C	C	C	C	C	C	C	C	D	I	D	I	C	D	I	I	I
Parathion	C	D	D	D	D	C	C	D	C	D	C	C	C	C	C	C	C	C	C	D	D	C	D	D	C	D	I	I
Glyoxalidines	C	C	D	C	D	D	D	D	C	C	D	C	C	I	D	D	C	C	C	D	C	C	C	C	C	C	C	C
Quinones	C	C	C	D	C	C	C	C	D	I	I	I	C	C	C	C	C	C	C	C	C	D	C	D	C	D	D	D
Organo-Mercuri	C	C	C	D	C	C	C	C	C	C	D	C	C	C	C	D	D	D	C	D	D	D	D	I	C	D	D	D
Bordeaux	C	C	C	C	C	I	C	C	C	C	D	D	I	D	D	I	D	C	D	D	D	D	C	I	C	D	C	C
Fixed Coppers	C	C	C	C	D	C	C	C	C	D	C	D	C	C	D	C	C	D	C	C	C	D	C	I	C	D	C	C
Lime Sulphur	D ¹	D ¹	D ¹	C	I	I	I	I	C	I	I	D	D	I	D	D	I	D	C	D	I	I	I	C	D ³	D	I	I
Wettable Sulphur	C	C	C	C	I	C	C	C	I	D	D	C	C	C	C	C	D	C	C	C	C	C	C	C	C	C	C	C
Dithiocarbonates	C	C	C	D ³	I	C	C	C	C	C	C	C	C	C	C	D	C	C	D	D	D	D	D	D ³	C	D ³	D ³	D ³
Zinc Sulphate + Lime	C	C	C	C	D	I	I	I	C	D	D	C ²	I	D	D	I	D	C	D	D	C	C	D	C	D	C	D ³	C
Lime	C	C	C	C	C	I	I	I	C	D	D	D ²	I	D	D	I	I	C	D	D	C	C	C	C	D ³	C	C	C

- C - Compatible
- D - Doubtful Compatibility
- I - Incompatible
- 1. Decomposes on standing. Best procedure is to add lime sulphur to spray mixture before adding arsenical.
- 2. Decomposes on standing.
- 3. Not recommended except as directed by manufacturer. Presence of calcium compounds may change residual-fungicidal nature of dithiocarbonates to eradicant type without residual action.

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