

Disease Investigations on



COTTON



RICE



SOYBEAN

in the Mississippi Delta
March 2004 — March 2005



Experiment Station

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Mississippi Agricultural & Forestry Experiment Station

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DISEASE INVESTIGATIONS
ON COTTON, RICE, AND SOYBEAN
IN THE
MISSISSIPPI DELTA

March 2004-March 2005

Delta Research and Extension Center
Mississippi Agricultural and Forestry Experiment Station
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Published by the Department of Information Services, Division of Agriculture, Forestry, and Veterinary Medicine, Mississippi State University. Edited by Robyn Hearn, Publications Coordinator. Cover designed by Betty Mac Wilson, Artist.

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List of Fungicides, Herbicides, and Insecticides

Apron FL, Apron 350 S

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-alanine methyl ester. Novartis.

Apron FL

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-alanine methyl ester. Gustafson, Inc.

Apron TL

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester. Wilbur-Ellis.

Arrosolo 3-3E

S-ethyl hexahydro-1H-azepine-1-carbothioate. N-(3,4-dichlorophenyl) propanamide. Zeneca Ag Products.

Baytan

Beta-4(Chlorophenoxy)-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol. Gustafson, Inc.

Beam

5-methyl-1,2,4-triazole (3,4-b) benzothiazole. Eli Lilly.

Benlate

Benomyl Methyl 1-(butylcarbamoyl)-2-benzimidazolecarbamate. E. I. DuPont Nemours and Co., Inc.

Bolero 8 E

Thiobencarb: S-[4-chlorophenyl)methyl] diehtylcarbamothioate. Valent USA Corporation.

Cotoran

Fluometuron: 1,1-dimethyl-3-(alpha, alpha, alpha-trifluoro-m-tolyl)urea. Novartis.

Delta-Coat AD

Chloroneb: 1,4-dichloro-2,5-dimethoxybenzene
Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester.
Wilbur-Ellis.

Di-Syston

Disulfoton, O,O-Diethyl S-[2-(ethylthio)ethyl]phosphorodithioate. Miles.

Facet 50 WP

3,7-dichloro-8-quinolinecarboxylic acid. BASF.

ICI5504 80WG

See Quadris

Londax

Methyl-2-[[[(4,6-dimethoxypyrimidin-2-yl)amino]carbonyl]amino]sulfonyl]methyl]benzoate. E. I. DuPont de Nemours and Co., Inc.

Lorsban 30 FL

Chlorpyrifos: O-O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate.
DowElanco.

Moncut

Alpha, alpha, alpha-trifluoro-3'-isopropoxy-2-toluanilide. Nor-am.

Nuflow AD

Chloraneb 1,4-Dichloro-2,5-dimethoxybenzene
N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester/Metaxyl.
Wilbur-Ellis.

Nuflow ND

Chloroneb 1,4-dichloro-2,5-dimethoxybenzene 2-(thiocyanomethylthio) benzothiazole. Wilbur-Ellis.

Nusan 30 EC

2-(thiocyanomethylthio)benzothiazole. Wilbur-Ellis.

Orthene

Acephate (O, S-Dimethyl acetylphosphoramidothioate). Valent USA Corporation.

PCNB

Pentachloronitrobenzene. Olin.

Prevail

Carboxin: (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiazin-3-carboxamide)
Pentachloronitrobenzene Metalaxyl. Trace Chemical.

Quadris

Methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate. Zeneca Ag Products.

Ridomil 2 EC

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester.
Novartis.

Ridomil PC 11G

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)alanine methyl ester
Pentachloronitrobenzene (PCNB). Novartis.

Rovral 4 F, Rovral 50 WAG

Iprodione: 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide. Rhone-Poulenc Ag Company.

RTU-Baytan-Thiram-Apron FL

Beta-(4-chlorophenoxy)-alpha-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol

Thiram: Tetramethylthiuram disulfide. Gustafson, Inc. Apron FL:
Metalaxyl:

N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-alanine methyl ester.

RTU-PCNB

Quintozone Pentachloronitrobenzene. Gustafson, Inc.

Stam

Propanil: 3',4'-dichloropropionanilide. Rohm and Haas Company.

Start

Aluminum tris (O-ethyl phosphonate)
3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-

imidazolidinecarboxamide. Rhone-Poulenc Ag Company.

Temik 15 G

Aldicarb [2-methyl-2-(methylthio) propionaldehyde 0-(methylcarbamoyl)oxime]. Rhone-Poulenc Ag Company.

Terraclor Super X

Pentachloronitrobenzene (PCNB) 5-Ethoxy-3-(trichloromethyl)-1,2,4-thiadiazole. Uniroyal Chemical Company.

Terraclor 4 F

Pentachloronitrobenzene (PCNB). Uniroyal Chemical Company, Inc.

Terrazole 4 EC, Terrazole 4 F

5-ethoxy-3-(trichloromethyl)-1,2,4-thiasiazole. Uniroyal Chemical Company, Inc.

Thiram 42 S

Bis(dimethylthiocarbamoyl)disulfide. Gustafson, Inc.

Tilt

Propiconazole: 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1*H*-1,2,4-triazole. Novartis.

Topsin M

Thiophanate-methyl (dimethyl [1,2-phenylene]-bis(iminocarbonothioyl)]bis[carbamate]). ISK Biotech.

Treflan

Trifluralin: alpha, alpha, alpha-trifluoro-2,6-dinitro-N,N-dipropyl-*p*-toluidine. DowElanco.

Vitavax

Carboxin: (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide). Uniroyal Chemical Company, Inc.

Vitavax-PCNB

5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxanilide

Pentachloronitrobenzene. Gustafson, Inc.

Zorial 80 WP

Norflurazon [4-chloro-5-(methylamino)-2-(alpha,alpha,alpha-trifluoro-m-tolyl)-3(2H)-pyridazinone]. Novartis.

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This report contains data generated as part of the Mississippi Agricultural and Forestry Experiment Station research program. Joint sponsorship by the following organizations is gratefully acknowledged: Mississippi Soybean Promotion Board, Mississippi Rice Promotion Board, Amvac, Bayer, Dow, Govan, Gustafson, Novartis Corporation, Syngenta, Trace Chemical Company, Uniroyal Chemical Company, U.S. Department of Agriculture, and Wilber-Ellis Company.

Trade names of commercial products used in this report are included only for clarity and understanding. All available names (i.e. trade names, experimental product code names or numbers, chemical names, etc.) of products used in this research project appear in the "LIST OF FUNGICIDES, HERBICIDES, AND INSECTICIDES" beginning on page vi of this information bulletin. Experimental products were used in accordance with EPA Experimental Use Regulations [40 CFR 172.3 (Section 5) of FIFRA].

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