MONSANTO CHEMICAL COMPANY
ORGANIC CHEMICALS DIVISION
St. Louis Research Dept.

AGRICULTURAL FUNGICIDE SCREENING REPORT

CC: 1. O. DEGARMO - CREVE COEUR
2. E. O. JAWORSKI - CREVE COEUR
3. M. KOSMIN - DAYTON
4. H. K. NASON - MO-8
5. P. F. HOFFMAN - CREVE COEUR
6. G. W. STEANLY - NITRO
7. D. J. BEAVER - RED-3
8. R. BRENCICK, SRC - RED-3
9. M. N. DVORNIKOFF - RED-3
10. J. F. QUINN, SRC - RED-3
11. F. B. ZIENTY - RED-3

Chemical: Chlorinated biphenyl (32% chlorine)

Submitter: BENIGNUS
Chemist: MONSANTO PRODUCT
CP: 1252
Ref: LOT No. 6

TEST	ORGANISM	* RATING CONCENTRATION (PPM)					
SPORE GERMINATION	*Stemphylium sarcinaeforme* *Monilinia fructicola*	200 N	100	50	25		
FOLIAGE PROTECTANT TOMATO LEAF SPOT	*Stemphylium solani* *Alternaria solani*	2500	1250	625	312		
FOLIAGE ERADICANT WHEAT RUST	*Puccinia rubigo-vera tritici*	5000 N	2500	1000			
SEED PROTECTANT PEA DAMPING-OFF	*Damping-off Fungi*	2500	1250	625			
SYSTEMIC TOMATO WILT TOMATO LEAF-SPOT	*Fusarium lycopersici* *Stemphylium solani*	100	10	1000 N			
PHYTOTOXICITY	*Tomato* *Wheat*	5000 /	2500	1250	625		

OTHER TESTS:

COMMENTS:

Foliage drench in systemic test
No activity
No interest

* RATING KEY	
N - No good	1 - No injury
F - Fair	2 - Slight injury
P - Promising	3 - Moderate injury
E - Excellent	4 - Severe injury
	5 - Dead

BY: PH & GH
DATE: 3-16-55
NOTEBOOK PAGE:
A1218-60886-87 - 85

MONS 034031

R 54