

The Journal of Rural Health

Abstracts

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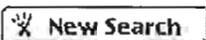
Spring 2000, Vol. 16, No. 2

Safe Handling of Agricultural Pesticides in Minnesota: Results of a County-wide Educational Intervention

pp. 148-154

Jeffrey H. Mandel, M.D., M.P.H., W. Peter Carr, M.P.H., Teresa Hillmer, M.P.H., Pamela R. Leonard, M.D., M.P.H., Julia U. Halberg, M.D., M.P.H.,

Abstract: Safe pesticide handling in a group of Minnesota farmers, aged 40 years and older, was influenced through the use of a multifaceted, countywide educational intervention. Two intervention counties and two control counties were involved in this effort. The intervention consisted of mailed pesticide information to farm households, educational programs on pesticides for county physicians, elementary school training modules on pesticides and the use of safe pesticide handling displays in key business areas by agricultural extension agents. Five hundred eight farmers were identified as pesticide users (186 in the intervention counties and 322 in the control counties). The use of gloves and other protective clothing while handling pesticides increased in the intervention group. Improvement was greater in those who had used protective equipment the least before the intervention. From these results, it appears that a broad-based educational intervention might have a modest impact in how farmers protect themselves when using pesticides.

 New Search

iISM035
i07AH00

GRANT AWARD RECORD
(SCREEN NO.1)

08:59

AWARD NO.....: 506136 PROGRAM CODE.....: U03 AWARD DATE.: 06/03/1991
FED EIN.: 1-416007513-A5 AWARD TYPE.....: C FED CAT NO.....: 93.262
FUND CODE.....: NIOSH OBJ CLASS.....: 41.51 PHS LIST NO: C0-011-C96
EFFECTIVE FROM: 06/01/1991 PROJ PER TO: 06/30/1996 ANNOUNCEMENT NO.: 90039
FUND AWARD NO: PROGRAM CATEGORY...: 16 FC CODE.....:

PROGRAM NAME: AUTHORIZATION: OSHA, SECT 20(A) & PHS ACT, SECT 301

DEMONSTRATION CANCER CONTROL PROJECTS FOR FARMERS

GRANTEE NAME...: REGENT OF THE UNIVERSITY OF MINNESOTA

BUSINESS OFFICE: ORRTA, SUITE 201, MN TECH CENTER

STREET.....: 1100 WASHINGTON, S.

CITY.....: MINNEAPOLIS

STATE: MN ZIP CODE: 55455- PHONE:(612) 624-5856-

PROJ DIRECTOR..: JACK S. MANDEL, PH.D., M.P.H.

DEPARTMENT.....: ENV. & OCCUPATIONAL HEALTH/UMHC

STREET.....: 420 DELAWARE ST. S.E./BOX 807/RM 1260

CITY.....: MINNEAPOLIS

STATE: MN ZIP CODE: 55455- PHONE:(612) 626-4810-

DISPLAY PF10-RETURN GRANT AWARD MENU PF16-MAIN MENU

1ISM036
107AH00

GRANT AWARD RECORD
(SCREEN NO.2)

08:59

AWARD NO.: 506136 SPECIALIST CODE:.....: VS CONG DISTRICT:..... 4
SIS PAY CODE:... P INSTITUTION CODE.: 1450402 ORG DESCRIPTORS: 19--10
ETHNIC CODE:.... 9 PMS CLOSEOUT DATE..: 04/16/2003
CLOSEOUT FIRST LETTER DATE: CONTAINS RESEARCH ACTIVITY(S):

AWARDS MANAGEMENT OFFICER:... LISA T. GARBARINO
PROJECT OFFICER:..... PAUL SCHULTE, PH.D
PROJECT OFFICER TITLE:..... CHIEF, SCREENING & NOTIFICATION, NIOSH

REMARKS:
\$129,671 CARRY OVER OF FUNDS FROM THE 02 YEAR

NOTES:

ATTACHED:
IRB EXEMPTION: IRB DATE: IRB DUE DATE:

 DISPLAY PF10-RETURN GRANT AWARD MENU PF16-MAIN MENU

1ISM037
107AH00

GRANT AWARD RECORD
(SCREEN NO.3)

08:59

WARD NO: 506136
ACTION TYPE...: 6

YEAR.....: 4
AMEND NO.: 2

FISCAL YEAR.....: 1994
ACTION DATE: 10/17/1995

APPROVED BUDGET (1): GRANT FUNDS ONLY (Y/N): Y

SALARIES WAGES.....:	128,181
FRINGE BENEFITS.....:	37,696
TOTAL PERSONNEL COSTS...:	165,877
CONSULTANT COSTS.....:	
EQUIPMENT.....:	
SUPPLIES.....:	650
TRAVEL.....:	104
OTHER.....:	57,795
CONTRACTUAL COSTS.....:	
TRAINEE EXPENSES.....:	
TRAINEE STIPENDS.....:	
TRAINEE TUITION & FEES....:	
TRAINEE TRAVEL.....:	
TOTAL DIRECT COSTS (FA):	224,426

DISPLAY

PF10-RETURN GRANT AWARD MENU

PF16-MAIN MENU

MS125
07AH00

GRANT AWARD RECORD
(SCREEN NO.4)

08:59

AWARD NO: 506136
ACTION TYPE...: 6

YEAR.....: 4
AMEND NO.: 2

FISCAL YEAR.....: 1994
ACTION DATE: 10/17/1995

APPROVED BUDGET (2):

INDIRECT COST RATE.....: 20.0000
INDIRECT COST RATE CODE.....: G
INDIRECT COSTS (FA).....: 43,744
SBIR FEE.....:

TOTAL APPROVED BUDGET.....: 268,170
NON FEDERAL SHARE.....:

AWARD COMPUTATION FOR GRANT:

FED SHARE/PHS ASSISTANCE.....: 268,170
UNOB FINANCIAL ASSISTANCE.....: 129,671
CUM PRIOR AWARD THIS BUD (FA): 138,499
AMOUNT THIS ACTION (FA).....:

DISPLAY

PF10-RETURN GRANT AWARD MENU

PF16-MAIN MENU

MISM141
H07AH00

GRANT AWARD RECORD
(FSR)

08:59

AWARD NO: 506136 YEAR: 4
UNOBLIGATED AMOUNT: 129,671

UNOB	YEAR	FROM	UNOB	AMOUNT
	1			0.57
	2			129,670.43

PF10-RETURN GRANT AWARD MENU PF16-MAIN MENU

AWARD NO: 506136

YEAR: 4

FISCAL YEAR: 1994

APPROVED DIRECT ASSISTANCE BUDGET:

PERSONAL SERVICE.....:
TRAVEL.....:
VACCINE.....:
OTHER.....:
OTHER DESCRIPTON:
TOTAL DIRECT COSTS (DA).....:
UNOB DIRECT ASSISTANCE.....:
CUM PRIOR AWARD THIS BUD (DA):
AMOUNT THIS ACTION (DA).....:

COMPETITIVE ACTION (Y/N): N

DISPLAY

PF10-RETURN GRANT AWARD MENU

PF16-MAIN MENU

IISM110
I07AH00

GRANT AWARD RECORD
(SCREEN NO.6)

08:59

AWARD NO.:..... 506136 YEAR:..... 4 FISCAL YEAR:....: 1994

AWARD DATE	ALLOW CODE	FY-CAN	AMT FIN ASSIST	AMT DIR ASSIST
12/25/1995	A492S	94-9278577	138,499	

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DISPLAY

PF10-RETURN GRANT AWARD MENU

PF16-MAIN MENU

·IISM038.
107AH00

GRANT AWARD RECORD
(SCREEN NO.7)

08:59

AWARD NO.:..... 506136 YEAR:..... 4 FISCAL YEAR:....: 1994
ID PER FROM:.. 07/01/1994 BUD PER TO:.. 06/30/1996 PROGRAM INCOME:.... A
:OJ PER FROM: 06/01/1991 PROJ PER TO: 06/30/1996
:COMMENDED FUTURE SUPPORT:
YEAR TOTAL DIRECT COST YEAR TOTAL DIRECT COST YEAR TOTAL DIRECT COST

REQ	REPORT	DUE DATE	REC DATE	LTR 1 DATE	LTR 2 DATE
	FSR	09/30/1996			
A	PRO REP1	09/30/1996	01/06/1997		
	PRO REP2				
	PRO REP3				
	PRO REP4				
	PRO REP5				
	PRO REP6				
	PRO REP7				
	PRO REP8				

DISPLAY PF10-RETURN GRANT AWARD MENU PF16-MAIN MENU