untreated plot was 10×163 feet and the treated plots were 40×70 feet. At Sites MO01 and IA01 all plots were 30×100 feet. At each site, the untreated plot was positioned at least 50 feet from the treated plot. The treated and untreated plots were identified by uniquely coded flags. Plot maps are presented in Figures 2 to 7. Field test site layout information is presented in Table 4.

Test site preparation and maintenance (including pesticides used, agronomic practices employed, and fertilizers applied) were recorded. Test site preparation and maintenance information is presented in Table 5.

Crop variety and planting information is presented in Table 6.

3. Test Substance Treatment Rate and Application Timings

The test substances used were mancozeb, malathion, carbofuran, clethodim, and esfenvalerate. Not all test substances were applied to every crop or plot. For all test substances with multiple applications, the interval between applications was between six and eleven days.

The test substances were applied at target rates as follows:

Mancozeb was applied once as a seed treatment to rice to Plot 2 (AR01) and Plot 5 (CA01) at the 1x rate and once as a seed treatment to Plot 3 (AR01) and Plot 6 (CA01) at the 5x rate. Actual seed treatment rates of mancozeb on rice were 100 percent of target.

Mancozeb was also applied to wheat three times to Plot 9 (ND01) and Plot 12 (MO01) at the 1x rate (1.6 lb ai/A) and three times to Plot 8 (ND01) and Plot 11 (MO01) at the 5x rate (8 lb ai/A). Actual application rates on wheat ranged from 96.7 to 101 percent of target. Mancozeb was applied to wheat at spray rates ranging from 19.5 to 24.4 gallons per acre (GPA).

Malathion was applied to rice five times to Plot 3 (AR01) and Plot 6 (CA01) at the 1x rate (2 lb ai/A) and five times to Plot 2 (AR01) and Plot 5 (CA01) at the 5x rate (10 lb ai/A). Actual application rates on rice ranged from 99.6 to 102 percent of target. Malathion was applied to rice at spray rates ranging from 18.3 to 20.3 GPA.

Carbofuran was applied as a granular application to rice once to Plot 2 (AR01) and Plot 5 (CA01) at the 5x rate (3 lb ai/A). Actual application rates on rice were 100 percent of target.

Field Report

Test Compounds in Rice, Wheat and Soybean RAC

Study No. ERS25060

Carbofuran was applied as a liquid application twice to Plot 8 (ND01 wheat), Plot 11 (MO01 wheat), Plot 14 (AR02 soybean), and Plot 17 (IA01 soybean) at the 1x rate (0.25 lb ai/A) and twice to Plot 9 (ND01 wheat), Plot 12 (MO01 wheat), Plot 15 (AR02 soybean) and Plot 18 (IA01 soybean) at the 5x rate (1.25 lb ai/A). Actual application rates on wheat and soybean ranged from 96 to 101 percent of target. Carbofuran was applied to wheat at spray rates ranging from 19.3 to 23.5 and to soybeans at spray rates ranging from 9.5 to 14.6 GPA.

Clethodim was applied to soybeans once to Plot 15 (AR02) and Plot 18 (IA01) at the 1x rate (0.25 lb ai/A) and once to Plot 14 (AR02) and Plot 17 (IA01) at the 5x rate (1.25 lb ai/A). Actual application rates on soybean ranged from 100 to 102 percent of target. Clethodim was applied to soybeans at spray rates ranging from 9.5 to 15.0 GPA.

Esfenvalerate was applied to soybeans four times to Plot 14 (AR02) and Plot 17 (IA01) at the 1x rate (0.05 lb ai/A) and four times to Plot 15 (AR02) and Plot 18 (IA01) at the 5x rate (0.25 lb ai/A). Actual application rates on soybean ranged from 96 to 100 percent of target. Esfenvalerate was applied to soybeans at spray rates ranging from 9.5 to 14.7 GPA.

Actual Test Substance Application Rates, Percent of Target:

Rice, Site AR01:

100

Rice, Site CA01:

99.6 to 102

Wheat, Site ND01: 97.5 to 101

Wheat, Site MO01: 96.7 to 101

Soybean, Site AR02 100

Soybean, Site IA01: 96 to 102

4. Application Procedures

At all sites, the application equipment was calibrated prior to application of the test substance. All applications were verified by the time/volume technique, which is based on the output per time and equipment travel speed. The calibrations were conducted the same day as the applications at all sites. Equipment calibration and application information is presented in Table 8, and product rate determination is presented in Table 10.

The equipment used was typical of small plot research equipment that closely simulates commercial equipment. Backpack boom sprayers and tractor-mounted boom sprayers were used to make

Field Report

Test Compounds in Rice, Wheat and Soybean RAC

Study No. ERS25060

the broadcast applications. Granular applications were applied by hand. Seed treatments were applied and mixed directly with the seed. Application equipment information is presented in Table 9 and environmental conditions at application are presented in Table 11.

No problems occurred during applications.

5. Weather Data

Weather data for each site, including minimum/maximum temperatures and daily rainfall, were recorded for the trial period from permanent weather stations located near or on the test sites, and compared to the historical norm. Weather data are presented in Table 12.

6. Sampling and Sample Shipment

At all sites, wheat, rice and soybean samples were successfully collected. One sample was collected from each plot (one control and 2 treated plots) at each of the six sites. In all cases, the untreated plots were sampled before the treated plots. Equipment was thoroughly cleaned or flushed with untreated grain before use and between treated samples.

Combine-type equipment was used at Sites AR01, ND01, AR02 and IA02. At Site CA01 a small-plot harvester was used, and at Site MO01 a hedge trimmer was used to harvest grain before it was put through a thresher. Samples were placed in pre-labeled plastic-lined sample bags. If sample material was touched by person(s) collecting sample, disposal gloves were used and changed between treated samples. Samples were weighed and placed in the freezers or in coolers with dry ice or substitute ice within one hour, except at Site AR01 where samples were kept ambient (air conditioned) until first shipment.

After harvest, rice samples at AR01 and CA01 were sent to South Texas Ag Research (STAR) for processing before shipment to Japan. At Site AR01, samples remained ambient (air conditioned) until shipment for processing and then were frozen upon return from STAR until shipment to Japan. At CA01, samples were frozen after sampling and were transported to STAR by ACDS freezer truck. CA01 samples remained frozen until shipment.

All samples were shipped to Japan frozen on dry ice and were received in good condition. Samples at Site CA01 were sent

Field Report

Test Compounds in Rice, Wheat and Soybean RAC

Study No. ERS25060

frozen on dry ice to Mid-South Ag Research in Arkansas to facilitate FedEx shipment to Japan.

Sampling information is presented in Table 13, and sample storage and shipping information is presented in Table 14.

D. Deviations

Deviations that occurred during the field phase of this study were documented and reported to the Study Director. The deviations are listed numerically and had no impact on the results of this study.

Deviation No. 1

At Site AR01, samples were harvested on September 24, 2005, which was two days earlier than the protocol specified. Rice was harvested early in anticipation of rain, beginning on September 25, 2005, associated with a hurricane.

Deviation No. 2

At the sites listed below, applications were made one day outside the 7 to 10 day interval, specified in the protocol, between test substance applications.

			Test		Actual
_	Site	Plot No.	Substance	Applications	Interval
	CA01	5	Malathion	1 and 2	11 days
	CA01	6	Malathion	1 and 2	11 days
	MO01	11	Carbofuran	1 and 2	11 days
	MO01	12	Carbofuran	1 and 2	11 days
	MO01	11	Mancozeb	2 and 3	6 days
	MO01	12	Mancozeb	2 and 3	6 days
	IA01	17	Carbofuran	1 and 2	6 days
	IA01	18	Carbofuran	1 and 2	6 days
	IA01	17	Esfenvalerate	3 and 4	6 days
	IA01	18	Esfenvalerate	3 and 4	6 davs

E. Quality Control

Quality control measures taken to maintain sample integrity and to avoid contamination at the field test sites were recorded in the field notebooks and include the following:

- Plots were laid out with adequate buffer zones and situated in a manner designed to minimize contamination due to drift and run-off of the test substance. The untreated plot was sampled before the treated plot at each test site.
- All samples were labeled, stored and shipped in a manner designed to prevent contamination and decomposition of the samples. Control and treated samples were boxed separately for shipment and were accompanied in transit with appropriate chain-of-custody forms.
- Access to the field plots, chemical storage, residue sample storage, trial records, etc., was restricted to authorized personnel.

F. Storage of Raw Data

Study specific raw data generated at the field test sites will be transferred to the Sponsor upon acceptance of the final field report. Non study-specific raw data generated at the field test sites will be maintained with each of the field investigators.

IV. TABLES

Field Report

Test Compounds in Rice, Wheat and Soybean RAC

Study No. ERS25060 Page 14

Table 1: Site Codes, Crop, Locations and Field Principal Investigators

Site Code & Crop	Site Location (City, State, County, Region)	Field Principal Investigator
AR01 Rice (Japonica Strain)	Proctor, Arkansas Crittenden County EPA Region 4	Don Harlan, Ph.D. Mid-South Ag Research 2383 Hinckley Road Proctor, AR 72376
CA01 Rice (Japonica Strain)	Chico, California Glenn County EPA Region 10	Debra Keenan Research 2000 PMB 298 236 W. East Avenue, Suite A Chico, CA 95926
ND01 Wheat	Gardner, North Dakota Cass County EPA Region 5	Quan Zai Jia Northern Plains Ag Research 16458 19 th Street SE Gardner, ND 58036
MO01 Wheat	Kirksville, Missouri Adair County EPA Region 5	David Bennett Bennett Ag Research 1109 Ivy Avenue Richland, IA 52585
AR02 Soybean	Proctor, Arkansas Crittenden County EPA Region 4	Don Harlan, Ph.D. Mid-South Ag Research 2383 Hinckley Road Proctor, AR 72376
IA01 Soybean	Richland, Iowa Jefferson County EPA Region 5	David Bennett Bennett Ag Research 1109 Ivy Avenue Richland, IA 52585

Table 2: Field Pesticide History

Site	Month/		Product/	Active	Rate
Code	Year	Crop	Formulation	Ingredient(s)	(lb ai/A)
AR01	2004	Fallow	None		
Rice					
CA01	2004	Rice	Cerano	Clomazone	12 lb prod/A
Rice	2004	Rice	Stam	Propanil	7.5 lb prod/A
ND01 Wheat	06/04	Soybean	Touchdown 35L	Glyphosate/ diammonium	0.5
MO01	04/04	Soybeans	Roundup Weather Max	Glyphosate	1.0
Wheat	06/04	Soybeans	Roundup Weather Max	Glyphosate	0.75
	05/04	Cotton	Temik 15G	Aldicarb	0.75
	05/04	Cotton	Ridomil	Metalaxyl	0.74
	05/04	Cotton	Flomet 4L	Fluometuron	1.5
	05/04	Cotton	Prowl 3.3L	Pendimethalin	1.25
	05/04	Cotton	Orthene 90S	Acephate	0.5
AR02	05/04	Cotton	Roundup	Glyphosate	1.5
Soybean	06/04	Cotton	Centric	Thiamethoxam	0.05
	07/04	Cotton	Karmex	Diuron	0.4
	07/04	Cotton	Pix	Mepiquat Chloride	0.06
	09/04	Cotton	Aim	Carfentrazone	0.016
	09/04	Cotton	Prep	Ethaphone	0.75
IA01	06/04	Grain Sorghum	Cinch ATZ Lite	S-metolachlor +Atrazine	2.61
Soybean	06/04	Grain Sorghum	Atrazine	Atrazine	0.45

Table 3: Soil Type

Site Code	Soil Series Type
AR01	Commerce Loam
CA01	Pleasanton Gravelly Sandy Clay Loam
ND01	Hegne Fargo Silty Clay Loam
MO01	Putnam Silty Clay Loam
AR02	Commerce Sandy Loam
IA01	Tainter Silty Clay Loam

Field Report

Test Compounds in Rice, Wheat and Soybean RAC

Study No. ERS25060 Page 16

Table 4: Field Test Site Layout

		Width x Length	Area in	
Site Code	Plot No.	in Feet	Square Feet	Area in Acres
AR01	1-UTC	24 x 50	1200	0.0275
Rice	2-TRT	24 x 50	1200	0.0275
	3-TRT	24 x 50	1200	0.0275
CA01	4-UTC	20 x 50	1000	0.0230
Rice	5-TRT	20 x 50	1000	0.0230
	6-TRT	20 x 50	1000	0.0230
ND01	7-UTC	10 x 163	1630	0.0374
Wheat	8-TRT	40 x 70	2800	0.0643
	9-TRT	40 x 70	2800	0.0643
MO01	10-UTC	30 x 100	3000	0.0689
Wheat	11-TRT	30 x 100	3000	0.0689
	12-TRT	30 x 100	3000	0.0689
AR02	13-UTC	24 x 50	1200	0.0275
Soybean	14-TRT	24 x 50	1200	0.0275
	15-TRT	24 x 50	1200	0.0275
IA01	16-UTC	30 x 100	3000	0.0689
Soybean	17-TRT	30 x 100	3000	0.0689
	18-TRT	30 x 100	3000	0.0689

(Ib/A)Rate 150 100 100 25 40 50 No fertilizer applied. Urea/Nitrogen Fertilizer Urea 46% Urea 46% MAP/N.P. Nitrogen 11 - 52 - 046-0-0 P_2O_5 K_2O 03/25/05 05/30/05 06/16/05 04/25/05 03/25/05 04/25/05 03/25/05 Date Agronomic Practice About 1 inch daily as Field Cultivating and needed until drained 4" continuous flood Hand seeded plots Levees cut, plots No-Till Wheat Drain field ~3 inches. Наггоwing drained planted. 05/20/05 06/03/05 05/21/05 50/50/60 11/13/04 08/22/05 04/25/05 Date (Ib ai/A) Rate 0.375 +prod/A prod/A 7.5 lb 0.375 12 lb 0.04 9.0 4.0 No pesticides used during study. 05/17/05 | Bolero 8E/Thiobencarb (Product/Active 05/20/05 | Cerrano/Clomazone Fenoxaprop-P ethyl ester + MCPA ester 2.5EC/Bromoxynil Bronate Adv 2.5 & Ingredient) Pesticide Command 3ME/ Stam/Propanil Clomazone Puma 1EC/ 07/05/05 06/04/05 05/17/05 06/04/05 Date ND01 Wheat MO01 Wheat Site Code AR01 Rice CA01 Rice

Field Test Site Preparation and Maintenance

Table 5:

Field Test Site Preparation and Maintenance (Continued)

Table 5:

		Pesticide						
Site		(Product/Active	Rate					Doto
	Date	Ingredient)	(Ib ai/A)	Date	Agronomic Practice	Data	Hortilizon	Male (IF/4)
AR02	06/13/05	Roundup 5.5EC		No agr	No agronomic practices were	Date.	r ei unger	(III/A)
Soybean	00/17/00	/Glyphosate	0.85	perform	performed during the study	No	No fertilizer applied.	ied.
	05/21/05	Treilan 4 lb /gal/	-	11/2004	Chisel plow		,	
		Trifluralin	2.7		4	12/23/04	12/23/04 Nitrogen	12
IA.01	i (Python 80% WDG/		05/05/05	Diold militarets			
Soybean	50/17/50	Flumetsulam	0.075	50/50/50	ricia cannyare	12/23/04	P_2O_5	70
				05/21/05	Field cultivate —	10/00/01	0 11	
					incorporate herbicide	12/23/04	IX ₂ O	09

Table 6: Crop

Site Code	Variety/Crop	Planting Date	Row Spacing (inches)	Plant Spacing (inches)
AR01	Osborne Seed Company Cocodrie/Rice	05/17/05	6	1
CA01	M206/Rice	05/21/05	Seed was broad	cast onto plot.
ND01	Arthur Company Knudsen/ Wheat	05/06/05	6.7	1
MO01	Emie/Wheat	11/13/04	8	2 to 3
AR02	Asgrow 4403 RR/Soybean	05/13/05	36	1
IA01	Pioneer 93B87/Soybean	06/07/05	30	1.5

Table 7: Test Substance Shipping and Storage

Site	T			Date Obtained/	Sto	t Site rage emp ¹
Code	Test Compound	Product Name & Manufacturer	Amount	Rec'd by FPI	Min °C	Max °C
AR01	Mancozeb	Dithane F45 Dow AgroSciences	2.5 gal	05/16/05	Not	stored
Rice	Malathion	Malathion 57EC Platte Chemical	2.5 gal	05/27/05	21	30
	Carbofuran	Furadan 5G FMC Corporation	5 lb	05/27/05	21	29
G 1 0 1	Mancozeb	Dithane M45 Dow AgroSciences	2.5 gal	05/19/05	10	30
CA01 Rice	Malathion	Malathion 8EC Micro Flo Co., LLC	2.5 gal	07/29/05	18	29
	Carbofuran	Furadan 5G FMC Corporation	50 lb	07/29/05	21	25
ND01	Carbofuran	Furadan 4F FMC Corporation	2.5 gal	06/10/05	16	31
Wheat	Mancozeb	Dithane DF 75% Rohm & Haas	12 lb	08/04	N/A ²	N/A ²
MO01	Carbofuran	Furadan 4F FMC Corporation	2.5 gal	06/09/05	20	29
Wheat	Mancozeb	Dithane DF Dow AgroSciences	12 lb	06/09/05	20	29
•	Carbofuran	Furadan 4F FMC Corporation	1 pt	05/20/05	21	30
AR02 Soybean	Clethodim	Select 2EC Valent U.S.A. Corp.	1 gal	05/27/05	21	29
	Esfenvalerate	Asana 0.66 EC Dupont Crop Protect.	1 gal	06/30/05	21	30
	Carbofuran	Furadan 4FL FMC Corporation	2.5 gal	06/01/05	19	29
IA01 Soybean	Clethodim	Select 2EC Valent U.S.A. Corp.	1 gal	06/01/05	19	29
	Esfenvalerate	Asana XL 0.66 Dupont Crop Protect.	l gal	08/01/05	19	28

Storage temperatures represent time from receipt of test substance by Principal Investigator to last application. 2 N/A = Not applicable. Dithane Rainshield was stored at NPAR chemical storage over the winter of 2004-2005. The minimum temperature could be as low as -30°C. However, the product is dry flowable and packed in the original package; and the storage room was dry.

Field Report

Test Compounds in Rice, Wheat and Soybean RAC

ERS25060

Table 8: Equipment Calibration and Application

Site Code & Crop	Plot No.	Test Compound	App No.	Calibration Date	Calibrated GPA	Application
C Crop	110.	Mancozeb (1X)	1 1	N/A		Date
		Malathion (5X)	1 1	08/22/05	N/A 18.3	05/16/05 08/22/05
		Malathion (5X)	2			
	2	Malathion (5X)	3	08/29/05	18.4	08/29/05
				09/05/05	18.4	09/05/05
		Malathion (5X)	4	09/12/05	18.4	09/12/05
AR01		Malathion (5X)	5	09/19/05	18.4	09/19/05
Rice		Carbofuran (5X)	1	N/A	N/A	07/28/05
		Mancozeb (5X)	1	N/A	N/A	05/16/05
		Malathion (1X)	1	08/22/05	18.3	08/22/05
	3	Malathion (1X)	2	08/29/05	18.4	08/29/05
		Malathion (1X)	3	09/05/05	18.4	09/05/05
		Malathion (1X)	4	09/12/05	18.4	09/12/05
		Malathion (1X)	5	09/19/05	18.4	09/19/05
		Mancozeb (1X)	1	N/A	N/A	05/19/05
		Malathion (5X)	1	08/19/05	20	08/19/05
		Malathion (5X)	2	08/30/05	20	08/30/05
	5	Malathion (5X)	3	09/09/05	20	09/09/05
		Malathion (5X)	4	09/19/05	20	09/19/05
CA01		Malathion (5X)	5	09/29/05	20	09/29/05
Rice		Carbofuran (5X)	1	N/A	N/A	08/07/05
1000		Mancozeb (5X)	1	N/A	N/A	05/19/05
		Malathion (1X)	1	08/19/05	20	08/19/05
	6	Malathion (1X)	2	08/30/05	20	08/30/05
		Malathion (1X)	3	09/09/05	20	09/09/05
	ļ	Malathion (1X)	4	09/19/05	20	09/19/05
		Malathion (1X)	5	09/29/05	20	09/29/05

Table 8: Equipment Calibration and Application (Continued)

Site Code	Plot	Test	App	Calibration	Calibrated	Application
& Crop	No.	Compound	No.	Date	GPA	Date
		Carbofuran (1X)	1	08/05/05	20	08/05/05
	0	Carbofuran (1X)	2	08/12/05	20	08/12/05
	8	Mancozeb (5X)	1	07/24/05	20	07/24/05
3.0001		Mancozeb (5X)	2	07/31/05	20	07/31/05
ND01		Mancozeb (5X)	3	08/07/05	20	08/07/05
Wheat		Carbofuran (5X)	1	08/05/05	20	08/05/05
		Carbofuran (5X)	2	08/12/05	20	08/12/05
	9	Mancozeb (1X)	1	07/24/05	20	07/24/05
		Mancozeb (1X)	2	07/31/05	20	07/31/05
		Mancozeb (1X)	3	08/07/05	20	08/07/05
		Carbofuran (1X)	1	06/18/05	23.4	06/18/05
		Carbofuran (1X)	2	06/29/05	20	06/29/05
	11	Mancozeb (5X)	1	06/11/05	24.6	06/11/05
3.5001		Mancozeb (5X)	2	06/18/05	23.4	06/18/05
MO01		Mancozeb (5X)	3	06/24/05	23.4	06/24/05
Wheat		Carbofuran (5X)	1	06/18/05	23.4	06/18/05
		Carbofuran (5X)	2	06/29/05	20	06/29/05
	12	Mancozeb (1X)	1	06/11/05	24.6	06/11/05
		Mancozeb (1X)	2	06/18/05	23.4	06/18/05
		Mancozeb (1X)	3	06/24/05	23.4	06/24/05

Table 8: Equipment Calibration and Application (Continued)

Site Code	Plot	Test	App	Calibration	Calibrated	Application
& Crop	No.	Compound	Ño.	Date	GPA	Date
		Carbofuran (1X)	1	09/01/05	9.5	09/01/05
		Carbofuran (1X)	2	09/08/05	9.5	09/08/05
		Clethodim (5X)	1	07/31/05	9.5	07/31/05
	14	Esfenvalerate (1X)	1	08/17/05	9.5	08/17/05
		Esfenvalerate (1X)	2	08/25/05	9.5	08/25/05
		Esfenvalerate (1X)	3	09/01/05	9.5	09/01/05
AR02		Esfenvalerate (1X)	4	09/08/05	9.5	09/08/05
Soybean		Carbofuran (5X)	1	09/01/05	9.5	09/01/05
		Carbofuran (5X)	2	09/08/05	9.5	09/08/05
		Clethodim (1X)	1	07/31/05	9.5	07/31/05
	15	Esfenvalerate (5X)	1	08/17/05	9.5	08/17/05
		Esfenvalerate (5X)	2	08/25/05	9.5	08/25/05
		Esfenvalerate (5X)	3	09/01/05	9.5	09/01/05
		Esfenvalerate (5X)	4	09/08/05	9.5	09/08/05
		Carbofuran (1X)	1	09/10/05	14.6	09/10/05
		Carbofuran (1X)	2	09/16/05	14.6	09/16/05
		Clethodim (5X)	1	08/09/05	14.9	08/09/05
	17	Esfenvalerate (1X)	1	08/26/05	13.3	08/26/05
		Esfenvalerate (1X)	2	09/03/05	14.4	09/03/05
		Esfenvalerate (1X)	3	09/10/05	14.6	09/10/05
IA01		Esfenvalerate (1X)	4	09/16/05	14.6	09/16/05
Soybean		Carbofuran (5X)	1	09/10/05	14.6	09/10/05
		Carbofuran (5X)	2	09/16/05	14.6	09/16/05
		Clethodim (1X)	1	08/09/05	14.9	08/09/05
	18	Esfenvalerate (5X)	1	08/26/05	13.3	08/26/05
		Esfenvalerate (5X)	2	09/03/05	14.4	09/03/05
		Esfenvalerate (5X)	3	09/10/05	14.6	09/10/05
		Esfenvalerate (5X)	4	09/16/05	14.6	09/16/05

	Test	App	Equipment	Nozzle	Nozzle Tin	Nozzle	Chacing	Droggan	Approx.
Plot	Compound	No.	Type	Type	No.	No.	Spacing (in.)	Source	Fressure (psi)
	Mancozeb (1X)	П		No	Not applicable to this seed treatment	this seed	treatment.		
	Malathion (5X)		Backpack Sprayer	Flat Fan	TeeJet AI110015	8	18	CO ₂	42
	Malathion (5X)	2	Backpack Sprayer	Flat Fan	TeeJet AI110015	∞	18	CO2	42
	Malathion (5X)	3	Backpack Sprayer	Flat Fan	TeeJet AI110015	&	18	CO2	4.2
	Malathion (5X)	4	Backpack Sprayer	Flat Fan	TeeJet AI110015	∞	18	CO2	42
	Malathion (5X)	5	Backpack Sprayer	Flat Fan	TeeJet AI110015	co	18	CO2	42
T	Carbofuran (5X)	, (Hand-held Seeder		Not app	licable to	Not applicable to this application.	ation.	
	Mancozeb (5X)			Noi	Not applicable to this seed treatment.	this seed	treatment.		
	Malathion (1X)		Backpack Sprayer	Flat Fan	TeeJet AI110015	8	18	CO2	42
	Malathion (1X)	2	Backpack Sprayer	Flat Fan	TeeJet AI110015	co	18	CO2	42
	Malathion (1X)	3	Backpack Sprayer	Flat Fan	TeeJet AI110015	&	18	CO2	42
	Malathion (1X)	4	Backpack Sprayer	Flat Fan	TeeJet AI110015	8	18	CO2	4.2
	Malathion (1X)	5	Backpack Sprayer	Flat Fan	TeeJet AI110015	∞	18	CO2	42

Test Compounds in Rice, Wheat and Soybean RAC

Field Report

Approx. Pressure (psi) 22 22 22 22 22 22 22 22 22 22 Nozzle Spacing Pressure No. (in.) Source Source CO_2 CO_2 CO_2 CO_2 CO_2 CO_2 CO_2 CO_2 CO_2 CO_2 Not applicable to this seed treatment Not applicable to this seed treatment 20 20 20 20 20 20 20 20 20 20 Spread by hand. 12 12 12 12 12 12 12 12 12 12 Nozzle Tip No. TeeJet 8002 TeeJet TeeJet TeeJet TeeJet 8002 Teelet TeeJet 8002 TeeJet 8002 TeeJet TeeJet 8002 8002 8002 8002 8002 8002 Nozzle Type Flat Fan Equipment Backpack Sprayer Backpack Backpack Backpack Sprayer Type Sprayer Sprayer App No. 7 ⇉ \$ 2 3 \sim \mathcal{C} 4 Compound Carbofuran (5X) Mancozeb (1X) Malathion (5X) Malathion (5X) Malathion (5X) Malathion (5X) Malathion (5X) Malathion (1X) Malathion (1X) Malathion (1X) Mancozeb (5X) Malathion (1X) Malathion (1X) Test Plot 2 9 Site Code CA01

Application (Continued)

Table 9:

Approx. Pressure (psi) 40 40 40 40 40 4.0 40 40 40 40 Compressed air Compressed air Compressed air Compressed air Compressed Compressed Compressed Compressed Compressed Compressed Pressure Source Spacing (in.) 20 20 20 20 20 20 20 20 20 20 Nozzle No. 12 12 12 12 12 12 12 12 12 12 Nozzle Tip No. TeeJet 8002 Flat Fan Flat Fan Nozzle Flat Fan Type Flat Fan Equipment Sprayer Boom Sprayer Boom Sprayer Boom Sprayer Boom Sprayer Boom Sprayer Sprayer Boom Sprayer Sprayer Sprayer Boom Boom Boom Boom App No. 2 ---7 3 7 2 3 Compound Carbofuran (1X) Carbofuran (1X) Carbofuran (5X) Carbofuran (5X) Mancozeb (5X) Mancozeb (5X) Mancozeb (5X) Mancozeb (1X) Mancozeb (1X) Mancozeb (1X) Test Plot ∞ 6 Code Site ND01

 Table 9:
 Application (Continued)

Approx.
Pressure (psi) 40 30 40 40 45 45 40 40 40 30 40 40 Pressure Source CO_2 CO_2 Spacing (im.) 20 20 20 20 20 20 20 20 20 20 18 18 Nozzle No. 9 9 9 9 9 9 9 9 9 9 ∞ ∞ TeeJet 110-02 TeeJet 110-02 TeeJet 110-02 TeeJet 110-02 TeeJet 110-02 TeeJet 110-02 Nozzle TeeJet 110-02 TeeJet 110-02 TeeJet 110-02 TeeJet 110-02 Teelet TeeJet 9XI TX6 Nozzle Type Flat Fan Hollow Flat Fan Flat Fan Flat Fan Hollow Cone Cone Equipment Backpack Sprayer Backpack Sprayer Backpack Sprayer Backpack Sprayer Backpack Sprayer Backpack Sprayer Backpack Backpack Sprayer Backpack Backpack Sprayer Type Sprayer Boom Sprayer Sprayer Sprayer Boom App No. 7 2 3 7 7 ~ Compound Carbofuran (1X) Carbofuran (1X) Carbofuran (5X) Carbofuran (5X) Carbofuran (1X) Carbofuran (1X) Mancozeb (1X) Mancozeb (5X) Mancozeb (5X) Mancozeb (5X) Mancozeb (1X) Mancozeb (1X) Test Plot 14 12 Site Code M001 **AR02**

-198-

Application (Continued)

Fable 9: