FIELD ID NO: _

Ennes

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

A. EQUIPMENT	
INSTRUCTIONS: Complete a separate form for each piece of test	substance application equipment used in the trial.
EQUIPMENT USED FOR APPLICATION NUMBER(S)	1,2 - NR 9-16-16
EQUIPMENT IDENTIFIER Drip Irrigation Lach test substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment must have a unique property of the substance application equipment application equipment must have a unique property of the substance application equipment application	System with marzeingector
APPLICATION EQUIPMENT TYPE (Check one)	BACKPACK GRANULAR
OTHER * (Describe) drip 18819a Fre	on gystem with mazzei injector
PROPELLANT (Check one) CO ₂ COMPRESS	
OTHER X (Describe) water unde	er pressure
TYPE OF APPLICATION (Check all that apply) 1) FOLIAR TO THE GROUND_ 2) BROADCAST BANDED 3) OTHER_X (Describe) drip [rr]	DIRECTED IN-FURROW gation Through emitters
NUMBER OF PASSES THAT ARE NEEDED TO TREAT THE	PLOT Applied through & drip
NUMBER OF NOZZLES OR HOPPER OUTLETS USED	880 drip emitters
MESH SIZE USED IN THE STRAINERS Docs not a pply	SPACING BETWEEN NOZZLES OR HOPPER OUTLETS 12 111 112 113 114 115
NOZZLE BRAND/TYPE/SIZE (e.g. T-JET 8004, even flat fan):	Eurodrip USA drip line 18 mm 0.5 GPH
TREATED AREA 2 20 ft x 110 f	t = 2200 ft2
² Calculated width of nozzle discharge pattern (CWNDP) For a broadcast application, CWNDP = (# of nozzles X nozzles X swath per nozzle. If application is foliar or soil sprayed or treated; treated row width may differ from according to the sprayed or treated; treated row width may differ from according to the sprayed or treated; treated row width may differ from according to the sprayed or treated; treated row width may differ from according to the sprayed or treated; treated row width may differ from according to the sprayed or treated row width the sprayed or treated row width with the sprayed or treated row w	at proper boom height X length of plot sprayed or treated. nozzle spacing). For a banded application, CWNDP = # of directed enter row width X # of rows X length of plot tual row width when the actual row width is wider or instance, the application rate should be calculated using a
DOES TREATED AREA (for application rate calculations) = PLO	OT AREA (from Parts 5C and 5F)? YES NO
(For foliar directed and soil directed applications, check "YES" at the actual row width on the research plot. This prompt is intended correctly.)	I to help data reviewers calculate the application rates
IF NO, PLEASE EXPLAIN: The actual plate 2 100 fr2. Treated an area large	area is soit in the t
the 15t and last emitters line in Plot area 13 under P ABOVE DATA ENTERED BY:	could be caught. The duip
ABOVE DATA ENTERED BY:	C. DATE: 9-9-16
PART 6 PAGE _	Description of the second control of the sec
Total number of pages in this section at initial pagination	on: <u>69</u>
COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO.	HE ORIGINAL"INITIALSDATE

FIELD ID NO:

Ennes

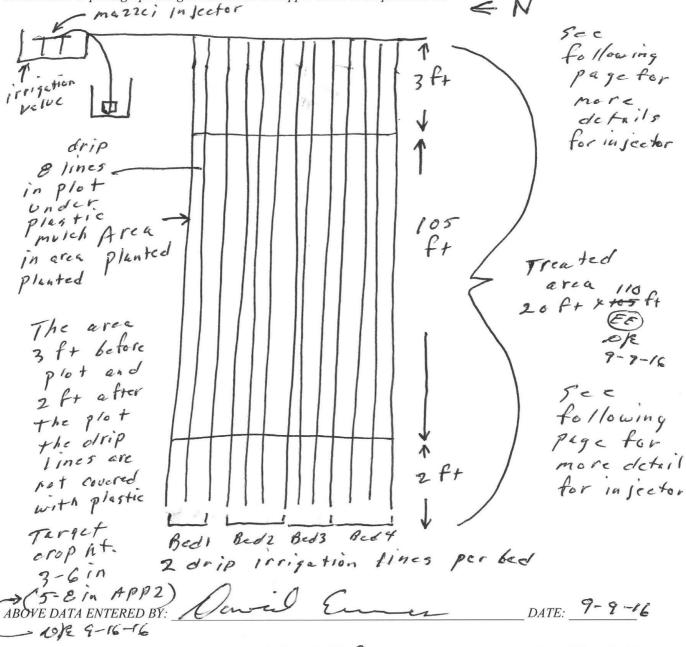
IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

B. DIAGRAM OF APPLICATION EQUIPMENT

EQUIPMENT USED FOR APPLICATION NUMBER(S) 1/2 2/2 9-16-16

INSTRUCTIONS: Complete a separate form for **each piece** of test substance application equipment used in the trial. Sketch a diagram and/or provide clear photograph of application equipment. Include the relative location and size of the target crop and the nozzle/hopper outlet placement and application pattern in relation to crop, in the sketch or photograph. In addition, on the sketch or photograph assign each nozzle or hopper outlet a unique number.



PART 6 PAGE 2

Trial Year 2016

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THE ORIGINAL IS IN IR-4 FIELD D	ATA BOOK NO	INITIALS	DATE	



FIELD ID NO: _

IR-4 FIELD DATA BOOK
PART 6. APPLICATION RECORDS Drip Irrigation emitters
C.1. DISCHARGE CALIBRATION FOR APPLICATION NUMBER _ [
INSTRUCTIONS: Complete a copy of this form (PHOTOCOPY IF NECESSARY) for additional times when a complete calibration or calibration-recheck of application equipment is required.
EQUIPMENT IDENTIFIER Drip Irrigation system with whit #1
DISCHARGE CALIBRATION DATE 9-9-16 PERFORMED BY DIE CALKS (INITIALS)
APPROXIMATE TIME OF DAY THAT THE CALIBRATION WAS PERFORMED 9:20 Am LOCATION WHERE THE CALIBRATION WAS PERFORMED Plot at Course
DISCHARGE UNITS MEASURED (e.g. ml, oz., grams)
INSTRUMENT USED TO MEASURE WATER (e.g. 100 ml graduated cylinder) Cylinder - 1 ml in cycments
BRIEFLY DESCRIBE PROCEDURE USED TO CHECK DISCHARGE CALIBRATION Drip irrige fion
emitter 1 and 110 were caught three times into
playtic truys on each line (2). The volume in truys was measured in a graduated cylinder. The time
That cach emitter was caught for was
measured with a stop watch.
D/2 9-9-16
The table for entering output results is now on 6.C.2 (next page).
CALIBRATION CALCULATIONS:
Chelbianton Checelinions.

ABOVE DATA ENTERED BY: Rawiel Em	DATE: 9-9-16
PART 6 PAGE 4	Trial Year 2016
COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE ORIGINAL" THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO INITIALS	

FIELD ID NO:

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

C.2. DISCHARGE CALIBRATION FOR APPLICATION NUMBER $\sqrt{}$

INSTRUCTIONS: Complete a copy of this form (PHOTOCOPY IF NECESSARY) for additional times when a complete calibration or calibration-recheck of application equipment is required.

DISCHARGE CALIBRATION Record time applicator is allowed to discharge. Collect output from each nozzle or hopper. Record this value in "RUN" Column 1 next to the appropriate outlet. Calculate the total and average discharge for all the nozzles/hoppers. Entry prompts have been provided for 3 discharge calibration runs. Calculate sums and averages of each nozzle/hopper outlet AND whether the results are within 5% (if applicable). Enter all calculations on 6.C.1.

nozzie/nopper ouitet AND v	vneiner	ine resuits are wit	nın 570 (i) appiica	ole). Enter all cal	culdions on o.c.1.	
Output Run Nun	nber	1	2	3	Total	Average
Pressure (pşi)				(Required)	(Optional)
Time (secon	nds)					
Nozzle/Hopper	1					
Outlet Number	2					
Along Boom	3		Refer to	the foll	owing pe	90
(These numbers	4		O/2 9-9-	16	3 ,	,
should match	5					
those shown in	6					
the equipment	7					
diagram in 6.B)	8					
	9					
	10					
	11					
	12					
Γ	otal					
Output per Nozzle or	Outlet					
Output per Sec	cond					
Was this a recheck of di	scharge	calibration or a	target output?	(Check	one) YES	_/NO
If yes, were results with	in 5% c	of original calibra	ation or target ou	tput? (Check	one) YES	М
If this is a 3-discharge calibration run, is each "output per second" (bottom row in Columns 1, 2, and 3) within 5% of the mean? (Check one) YES NO						
An output consisting of and amount of test subst be used. If the output re more runs are needed to this field data book.	an aver tance to esult of produc	age of three run. to use. If this is a the recheck is m ce a new, full ca	s <u>or</u> a target outp a recheck (one ru ore than 5% diffe libration. The or	out may be used m) then the resu erent than the or iginal calibratio	when calculating t lts of the original c iginal calibration n data, or a true c	he sprayer output calibration must result, then two opy, must be in
ABOVE DATA ENTERE	D BY: _	New	il En	mes	DATE:	9-9-16
÷		PART	6 PAGE <u>5</u>		Trial Ye	ar 2016
COMPLETE IF APPROPRIATIE ORIGINAL IS IN IR-4			E COPY OF THE OF	RIGINAL" INITIALS	DATE	

0 (F) 0 pc

	Drip	Irrig	jatio	on E	mit	ter (Dutp	out	,
		Catch		Catch		Catch		Catch	
		Time		Time		Time		Time	
Irrigation Line	1	(sec)	2	(sec)	3	(sec)	4	(sec)	
First Emitter		, ,							
Run 1 ml	31	60.19	31	60.02	32	60.07	31	60.11	
Run 2 ml	22	60.22	32	60.19	31	60.12	30	60.06	
Run 3 ml	32	060.16	31	60-10	3 Z	60.15		60.04	
Last Emitter		60.19							
Run 1 ml	33	60.19	32	60.02	31	60.07	32	60-11	
Run 2 ml	32	60-22	33	60.19	31	60.12	31	60.06	
Run 3 ml	32	60.16	31	60.16	32	60.15	3/	60.04	
Total	192	361.14	190	360.62	189	360.68	185	360.42	
		Catch		Catch		Catch		Catch	
		Time		Time		Time		Time	
Irrigation Line	5	(sec)	6	(sec)	7	(sec)	8	(sec)	
First Emitter									
Run 1 ml	32	60.08	31	60-10	31	60.08	32	60.16	
Run 2 ml	32	60.10	3 i	60,12	32	60.13	31	60.04	
Run 3 ml	33	60.16	30	60.03	31	60.07	31	60.06	
Last Emitter									
Run 1 ml	31	60.08	33	60.10	32	60.08	33	60.16	
Run 2 ml	32	60.10	33	60.12	32	60.13	31	60.04	
Run 3 ml	32	60.16	32	60.03	31	60.07	32	60.06	
Total	192	360.68	190	360.50	189	360.56	190	360.52	
Total ml Line 1-8	1517								
Total sec Line 1-8	2885.12								

1517 m1 - 48 catches = 31.60 ml/emitter

average

2885-12 - 48 catches = 60.11 sec

average catch

time

The system was set at 10 PSI



Signature Mount English I

Date 9-9-16

FIELD ID NO: Ennes

I	R-4	FIEL	$D\Delta^{-}$	ΓΔ	RO	OK
-1	1/					

mazzei

PART 6. APPLICATION RECORDS	in Jector
C.1. DISCHARGE CALIBRATION FOR APPLICATION	N NUMBER
	COPY IF NECESSARY) for additional times when a complete nt is required.
EQUIPMENT IDENTIFIER Drip Irrigation	nt is required. System with whit #1 16 DEPENDENT DEV DIF
DISCHARGE CALIBRATION DATE 9-9-	PERFORMED BY D JE (INITIALS)
APPROXIMATE TIME OF DAY THAT THE CALIBRA	TION WAS PERFORMED 10:30 Am
LOCATION WHERE THE CALIBRATION WAS PERF	ORMED of plot at VCKARE
DISCHARGE UNITS MEASURED (e.g. ml, oz., grams)	m1
	4000 ml gradeafed

INSTRUMENT USED TO MEASURE WATER (e.g. 100 ml graduated cylinder) cq linder - 50 ml jucrements BRIEFLY DESCRIBE PROCEDURE USED TO CHECK DISCHARGE CALIBRATION The mazze,

Injector was get up and operational. Then filled a 4000 ml graduated cylinder to the 4000 ml Markand timed how long required to draw water down to the 3000 mil mark with a stop watch. Filled the cylinder back to the 4000 ml mark and repeated The same steps. This was done a total of 3 times.

The table for entering output results is now on 6.C.2 (next page).

CALIBRATION CALCULATIONS: Ma 270; Setting #2

1000 ml = 21667.4 ml; 1866 sec 2 mixes = 86-12 sec deliver 10833.7 ml I of irrigation per mix beter

ABOVE DATA ENTERED BY:	Eures	DATE: 9-9-16
PART 6 PAGE _	7	Trial Year 2016
COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO.	HE ORIGINAL" INITIALS	DATE

Total

Average

(Required) (Optional)

Trial Year 2016

DATE

FIELD ID NO:

Ennes

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

Output Run Number

COMPLETE IF APPROPRIATE:

THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO.

Pressure (psi)

C.2. DISCHARGE CALIBRATION FOR APPLICATION NUMBER ______

INSTRUCTIONS: Complete a copy of this form (PHOTOCOPY IF NECESSARY) for additional times when a complete calibration or calibration-recheck of application equipment is required.

DISCHARGE CALIBRATION Record time applicator is allowed to discharge. Collect output from each nozzle or hopper. Record this value in "RUN" Column 1 next to the appropriate outlet. Calculate the total and average discharge for all the nozzles/hoppers. Entry prompts have been provided for 3 discharge calibration runs. Calculate sums and averages of each nozzle/hopper outlet AND whether the results are within 5% (if applicable). Enter all calculations on 6.C.1.

10

1 Tessure (har	, 0	16	10	(required)	(Optional)
Time (secon	nds)	85.34	85.56	87.47	258.37	86.12
Nozzle/Hopper	1	1000	1000	1000	3000	1000
Outlet Number	2					
Along Boom	3					
(These numbers	4					
should match	5					
those shown in	6			10k	9-9-16	
the equipment	7					
diagram in 6.B)	8					
	9					
	10					7
	11					
	12					
Τ	otal	1000	1000	1000	3000	1000
Output per Nozzle or 0	Outlet	1000	1000	1000	073000	1000
Output per Sec	cond	11.72	11.69	11.43	3 4.84	11.61
Was this a recheck of dis	scharge	calibration or a	target output?	1) (Check	one) YES	NO
If yes, were results within 5% of original calibration or target output? (Check one) YES NO VES NO VES NO VES						
If this is a 3-discharge calibration run, is each "output per second" (bottom row in Columns 1, 2, and 3) within 5% of the mean? (Check one) YES NO						
An output consisting of an average of three runs <u>or</u> a target output may be used when calculating the sprayer output and amount of test substance to use. If this is a recheck (one run) then the results of the original calibration must be used. If the output result of the recheck is more than 5% different than the original calibration result, then two more runs are needed to produce a new, full calibration. The original calibration data, or a true copy, must be in this field data book.						
ABOVE DATA ENTERED BY: Cover Emer DATE: 9-9-16						

PART 6 PAGE 8

"THIS IS A TRUE COPY OF THE ORIGINAL"

INITIALS

Oxathiapiprolin/Strawberry ID No. 11719.17.CA3 FIELD ID NO: Ennes

IR-4 FIELD DATA BOOK

MEMO	to	tho	ETI	E

Tranted area 20 ft x 110 ft = 2200 ft2
31.60 mls/60.11sec Average out put and time
per emitter
31. Co ml x 880 emitters in treated area=
27808 ml = 3785 ml/cHc = 7.35 CAC
7.35 CAL . X GAL = 145.53 GAL/A
2200 frz 43560 frz/A
Go. 11 sec Ave. outch time = 1-00 min
60 sec/min
1 min = 83.29 min
145.53 GAL 13577 CAL
93. 29 min - 1 of irrigation water= 31.10 min
<u></u>
31.10 min x 60 sec/min = 1866 sec
Ok 10-19-16
part 6 page 9
ABOVE DATA ENTERED BY: Owiel Eme DATE: 9-9-16
Trial Year 2016
COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE ORIGINAL" THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO INITIALS DATE
AAAD VANORIUM IN ALL AND STATE

FIELD ID NO: _

Ennes

IR-4 FIELD DATA BOOK

MEMO to the FILE

27154 GAL/ Acre in - 2 = 13577 GAL/0.5 acre in
Irrigation Started at 11:41 Am
Irrigation Stopped at 1:15 pm
output of the irrigation system
7.35 CN4/min on 2200 ft2
Irrigation system ran for the 34 min =
94 MINUTES V (AC - 690,9 GA)
7.35 CAL X GAC = 690.9 GAC
1 min 79 miners per 2200 11
690.9 CAC : X Gal = 13679.82 CAE
690.9 CAC « X Gal = 13679.82 CAC 2200ft2 " 43560ft2 per acre
13679.82 CAC/Acre = 0.50 in of water
27154 GAL/Acre in applied to plot
06 10-19-16
Ok 10-19-16
ABOVE DATA ENTERED BY: Cavil Ener DATE: 9-9-16 Trial Year 2016
ABOVE DATA ENTERED BY: Mavil Enner DATE: 9-9-16
Trial Year 2016
COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE ORIGINAL" THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NOINITIALSDATE
6 F. G.T. (2017)

FIELD ID NO: _

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

D. SPEED CALIBRAT	TION FOR	APPLIC	ATION N	UMBER(S)			
INSTRUCTIONS: Compaphication equipment i	plete a sep	arate form			lete calibra	ation or calibro	ation- recheck of
EQUIPMENT IDENTI	FIER)		
SPEED CALIBRATIO						BY	(INITIALS)
TERRAIN OF CALIBE	RATION T	RACK (e.	g. tilled fie	ld)			
LOCATION WHERE							
1				EED CALIBRATION _			
				_			
		500	ed C	libration	not	neede	1
			ok	9-9-16	•		
setting used in the speed determine speed (e.g. sp track (in feet or meters) runs. If this is a rechec	d calibrati peed of app by the tim k, calculat phenever a	on. Indico plication e se needed t se the resu n output r	te the dista quipment to to cover tha It is within.	ince (in feet) of the trac ested for 100 ft.). The s it length (in seconds). I 5% of the original calib	k on which peed is cald Entry promp pration. Sh	the application culated by divi ots have been p ow all calcula	provided for 2 additional
				Length of test track	TIME	CALCU	LATED SPEED
	RUN	GEAR	RPM	(include units)	(sec)	(inc	lude units)
	1						
	2						
	3						
	Total of times (se			Average time (sec)		Average speed	
CALCULATIONS:			<u> </u>				
WAS THIS A RECHE IF YES, WERE RESULT The original calibration	LTS WITH	HIN 5% O	F ORIGINA	AL CALIBRATION?		one) YES one) YES	NO
NOTE: A target speed speed calibration must WAS THIS A CHECK IF YES, WERE RESULABOVE DATA ENTER	be conduct OF A TA LTS WITH	ted, and th RGET SPI	e mean of t EED?	he three runs must be w	ithin 5% of Check of	f the target spe one) YES one) YES	for each application a fulled. NO NO 9-9-16
			PART 6	PAGE 11			l Year 2016
COMPLETE IF APPROF				COPY OF THE ORIGINA INITIA		DATE	

FIELD ID NO: _______ Rnnes IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

							,
E.	DELIVERY	RATE	CALIBRATIO	N FOR	APPLICATION	NUMBER(S)	1

INSTRUCTIONS: Complete a separate form for each application, unless the same parameters are used—you are using the same equipment, and have performed a recheck to confirm the result of the full calibration. Determine the rate of delivery from the application equipment. Briefly describe the procedure, including formulas used to determine delivery rate calibration. Show all calculations and units. Equations used in electronic (computer software) calculations in this trial must be transcribed or printed out and attached here. Computer-generated values (as opposed to those entered by the field cooperators) must be reviewed and clearly delineated by circling, initialing, and dating.

viewed and clearly delineated by circling, initialing, and dating.	
ROCEDURE/FORMULA:	
Form not needed	
Form not needed ok 9-9-16	
DR 9-9-16	
ALCULATIONS:	
ALCOLATIONS.	
	`
BOVE DATA ENTERED BY:	DATE: 9-9-16
PART 6 PAGE 12	Trial Year 2016

FIELD ID NO:

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

F. VOLUME, MIXING AND DILUTION CALCULATIONS FOR APPLICATION NUMBER(S)

INSTRUCTIONS: Complete a separate form for each application, unless there are no changes in multiple applications. Show all calculations, formulas, and results below, define units of measure, and cite the initials of the person performing the calculations. Equations used in electronic (computer software) calculations in this trial must be transcribed or printed out and attached here. Computer-generated values (as opposed to those entered by the field cooperators) must be reviewed and clearly delineated by circling, initialing, and dating.

Treated area 20 ft x 110 ft = 2200ft2 Test substance rate 0.143 16ai/A 0.834
16ai/GAL 0.143 16 ai x 2260 ft2 x 1.0 GAC x 3785 MI Acre 43560 ft2/A 0.834 165 ai GAL 32-8 ml = 2 mix= = 16-4 ml/mix As bucket mix #1 empty the Solution from bucket mix #2 was
poured into the first bucket

DESCRIBE HOLDING AND TRANSPORT OF TEST SUBSTANCE AND ADJUVANT (if applicable) FROM STORAGE AREA TO LOCATION OF TANK MIXING (E.g.: "Test substance held securely in an insulated cooler during transport to field site in the bed of a pickup truck" or "Tank mix prepared within walking distance of the chemical storage building")

The test substance was transported am	bient in a
Plastic tray inside a utility box on	the back
The test substance was transported am a plastic tray inside a utility box on of a pickup truck. DR 9-9-16	
ABOVE DATA ENTERED BY: Ravid Enver	DATE: 9-9-16
PART 6 PAGE 13	Trial Year 2016
COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE ORIGINAL"	DATE

THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO.

Ennes FIELD ID NO: IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

G. APPLICATION INFORMATION FOR APPLICATION NUMBER 1 APPLICATION DATE 9-9-16 HAS THE APPLICATION EQUIPMENT BEEN USED SINCE THE LAST (Check one) YES CALIBRATION/RECHECK WAS PERFORMED? (If you are about to check YES, then a recheck is usually required.) INSTRUCTIONS: Complete a separate form for each application date and for each treatment on one application date (use

the Treatment Number as indicated in the protocol). Provide the name of the test substance (common chemical name or chemical code number); the batch or lot number of the test substance; the approximate time the test substance was mixed with the carrier and the approximate time the mixture was applied to the plots, along with the initials of the person(s) mixing and spraying the tank mix; the time of additional agitation (if any); the unique name or code for the application equipment used to apply this treatment; the placement of the test substance (e.g. broadcast, in-furrow, directed, knifed-in, banded); the amount of carrier, formulated product and other additives in the mix; the measuring equipment with increments; the distance (include units) of the nozzles above the canopy or ground (indicate which); the pressure in pounds per square inch at the boom; if treatment(s) were incorporated, the method and/or equipment used to incorporate the test substance mix (e.g. disked, rotovator, irrigated, etc.), depth to which the test substance was incorporated or the amount of water used to move the test substance into the soil; the time after treatment the incorporation activity was performed; and the carrier (normally water), its source (e.g.

arm pond, city water), pH of the carrier and	its temperature, and the e	equipment used to	o measure the carrier pH.	
		TRT Num	ber <u>02</u>	
NUMBER OF DAYS SINCE PREVIOUS APPLICATION	NA		TIME OF ADDITIONAL AGITATION/INITIALS	
TEST SUBSTANCE	A 20941 A 0X TP 100 916099	o D	(if applicable) e.g. "10:00" or "continuous" or "just prior	
BATCH/LOT NUMBER/Container# ¹	Batch code 6	A08-01	to application"	
TIME MIXED/INITIALS	mix 1- 11:25 A	in op	The spring solution was stirred	
TIME APPLIED/INITIALS	11:41 Am	ope	1 10000	
EQUIPMENT IDENTIFIER	Drip irrigation with mazzei in	jector dit	during the application	
PLACEMENT OF TEST SUBSTANCE	boil at base of	+ Plants	20/2	
TANK MIX AMOUNTS	mix 1 mix2	MEASURING E	QUIPMENT with INCREMENTS*	
CARRIER (starting volume of water)	10833.7m 1 for	30	e fallowing page	
VOLUME of WATER REMOVED from starting volume (if applicable)	16.4ml from	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
TEST SUBSTANCE (formulated product)	16.4ml / mix			
ADJUVANT OR SURFACTANT	None			
TOTAL VOLUME OF TANK MIX	10833.7 /mix	*e.g. 1000	mL grad. cylinder/10 ml inor.	
NOZZLE DISTANCE from TARGET	8 lines of drifting plot at soi	ocmitters 1 for face	ORDER IN WHICH ITEMS WERE ADDED TO SPRAY MIXTURE*	
PSI AT BOOM	10 PSI at 3	Lrrigation Velve	W=Water, TS=Test Substance, A=Adjuvant	
INCORPORATION - Methodology and/or Equipment - DEPTH - TIME	Drip irrigation system depth not known 11:41 Am - 1:15 pm		*e.g. 1-W, 2-TS, 3-A, 4-W /- \(\mu \) 2-75	
CARRIER SOURCE/TYPE	VCKARE well water		2-55	
CARRIER pH/TEMPERATURE	7.0 86° F			
EQUIPMENT used to MEASURE pH	Ph strip			

¹ If more than one test substance container was received for this trial. If not, only batch or lot number is needed.

ABOVE DATA ENTERED BY:

DATE: 9-9-16

Description of Equipment Used to Measure Test Substances, Adjuvant and Carrier Water

Oxathiapiprolin/Strawberry Application No. ID No. 11719.17.CA3 FIELD ID No. Ennes The following equipment was used in this study: To remove volume of water: 25 m 1 p pet te Scale for solid Test Substance: Mettler Toledo Scale, Model PL 303 (0.001gr increments) Ohaus Portable Advanced Scale, Serial No. 16625 (0.01 gr increments) VOR9-9-16 Pipettes:* Test Sub. (Liquid) Adjuvant $5 \, \mathrm{ml}$ 5 ml 10 ml 10 ml X 25 ml Cylinders:** Test Substance Adjuvant Carrier Water 50 ml 50 ml 50 ml 100 ml 100 ml 100 ml 250 ml 250 ml 250 ml 500 ml 500 ml 500 ml 1000 ml Also low 1 1000 ml 1000 ml × 4000 ml 4000 ml 4000 ml Scienco Flow meter

Signature: Ravid Europe Date: 9-9-16

Part 6

Page: 15

^{*}The pipettes used to measure test substances or adjuvants are 5 ml, 10 ml and 25 ml (TD) plastic pipettes. The 5 ml and 10 ml pipettes measure in 0.1 ml increments and the 25 ml pipette measures in 0.2 ml increments.

^{**}The graduated cylinders used to measure test substance, adjuvant or carrier water are 50,100, 250, 500, 1000 and 4000 mls. The 50 and 100 ml cylinders measure in increments of 1 ml, 250 ml cylinder in 2 ml increments, 500 ml cylinder in 5 ml increments, 1000 ml cylinder in 10 ml increments and the 4000 ml cylinder in 50 ml increments. Carrier water for airblast sprays is measured with a Scienco flow meter which measures water out to hundredths (i.e. 1.00)

FIELD ID NO: _

Ennes

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

H. ADDITIONAL INFORMATION FR	OM APPLICATION NUMBER	
APPLICATION DATE 9-9-1	(Complete a separate form for each	n application date) L9-5-16
PLANT GROWTH & ENVIRONMENT.	AL DATA AT THE TIME OF APPLICATION	ON Enter data in this column
CROP HEIGHT (Measure or estin	nate crop height, include units of measuremen	nts) 3-6 inches
CROP GROWTH STAGE (e.g. see	d, vegetative, bud, bloom, fruiting, #true leav	ves) Blooming/Kruitial
	CROP VIGOR (e.g. poor, fair, good, variable	(e)* Good
PLANT SURFACE	MOISTURE (Check one) SATURATED	D DAMP DRY_X NA
ESTIMATED % OF	SOIL AREA COVERED BY CROP CANO	PY /O
MEASURED AIR TEMPERA	TURE (Check F or C) (E.g. 75 $^{ m O}$ F $_{ m extsf{V}}$ $^{ m O}$ C $_{ m extsf{}}$	≥ 84.2 °FX °C
MEASURED WIND SPEED (Check M	$MPH \ or \ Km/Hr) \ (E.g. \ 0.5 \ MPH \ \sqrt{} \ Km/Hr$	
WIND DIRECTION FROM (Check one)	N NE E SE S_X SV	W NW or NO WIND
	ESTIMATED % OF CLOUDS IN THE S	KY O
	MEASURED RELATIVE HUMIDIT	Y% 33
	DEW (heavy, light, none, e	etc.) Nono
DESCRIPTION OF S	SOIL TILTH (smooth, firm, packed, cloddy, e	etc.) Smooth
ESTIMATE OF SOI	L SURFACE MOISTURE (wet, moist, dry, e	1, 5(3)
	SOIL TEMPERATURE (Check F or	°C) 74 °FX °C_
DEPTH OF MEASUREMENT OF	$SOIL\ TEMPERATURE\ \ (Check\ INCHES\ or$	cm) \(\sum \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
*IF CROP VIGOR IS POOR OR VARIA	BLE, EXPLAIN:	
	P/2 9-16	
	W.C.	
		<u> </u>
	3 .0 (2 2 4
ABOVE DATA ENTERED BY:	Pavil Enner	DATE: 9- 9-16
BRIEFLY DESCRIBE PROCEDURE USE After all of the T-S	ED TO CLEAN APPLICATION EQUIPMENT	AND IDENTIFY WHO CLEANED IT:
the record sucket we the Vinsate placed in	to the first bucket. The	nes with water and
into the irrigation &	gstem. The first buc	Ret was rinsed out
2	water as the final	
	to the glot. This	
	system when the	
Buckets Clean with so	the Mazzei, Cleaned b	y DAVID EARCS.
CLEANING DESCRIPTION ENTERED	BY: Core En	DATE: 9-9-16

FIELD ID NO: ____

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS

I. PASS TIMES FOR APPLICATION NUMBER _____

APPLICATION DATE 9-9-16 (COMPLETE A SEPARATE FORM FOR EACH APPLICATION DATE)

RECORD PASS TIME AND PASS DIRECTION - Complete the table by providing the time required to make each pass of the

application equipment through the plot and direction of that pass (e.g. NE).

application equipment thre	nagn ine pioi una airei	ciion of inai pass (e.	g. <i>NE)</i> .		
	TREATM	IENT <u>0</u> 2	ר	TREATMENT	
PASS NUMBER	TIME	DIRECTION	PASS NUMBER	TIME	DIRECTION
1	35 min 375cc	E-W	1		
2			2	19-9-16	
3			3	9-9-16	
4			4		
5			5		
6		ok	6		
7		0K 9-9-16	7		
8			8		
9			9		
10	^		10		
11			11		
12			12		
TOTAL PASS TIME	35 Min 37:	кc		×	

ABOVE DATA ENTERED BY: Cavil Emer DATE:

DATE: 9-9-16

PROVIDE A BRIEF NARRATIVE SUMMARY OF THE APPLICATION

(E.g. "Test substance was applied to the treated test plot in two passes; one pass down each side of the row. Each pass was applied to the soil, in a 3 ft. band out from the tree, with the spray boom 24 inches above the soil.")

The test substance was applied to the treated jest plot with a 8 line drip irrigation system and a mezzei injector. There are 110 cmitters spaced 12 inches apart per line. The test substance was injected into the irrigation system in the first \$ of the Irrigation set, As the test substance was being injected the Solution was stirred several times with a plastic pipette After the application the irrigation system was ran until the remaining \$ of the Irrigation set was Completed Applied 0.50 inches of water to the freated plot

NARRATIVE ENTERED BY Comed Ence

FIELD ID NO: _

Ennes

IR-4 FIELD DATA BOOK

ABOVE DATA ENTERED BY:

PART 6. APPLICATION RECORDS
J. POST APPLICATION RATE CONFIRMATION FOR APPLICATION NUMBER 1
APPLICATION DATE 9-9-16 (COMPLETE A SEPARATE FORM FOR EACH APPLICATION DATE)
CALCULATION OF ACTUAL APPLICATION RATE - Using information such as total pass time, plot size, tank mix amounts, and discharge rate (average of 3 outputs) determine the actual amount of formulated test substance applied to treated plots. Even if a target rate was used for the pre-application calculations, the data from the calibration (average of 3 outputs) must be used for calculating the application rate. (If the protocol does not include a rate of formulated product, then the amount of active ingredient should be determined.) Convert this amount to the amount applied per acre (or hectare), and determine deviation from target application in the protocol, rounded to the nearest whole percent. Show all calculations and label all units. It is not sufficient to merely compare the actual pass times to the "practice" pass times. The example formulas listed at the bottom of 6J may be used to calculate the application rate. Calculations may be entered on a separate page placed after this one, if there is not enough space below.
EXAMPLE FORMULAS: The formulas below may be used to calculate the amount of test substance (TS) applied per acre as required in Part 6I. Other formulas may be used instead; however, it is not sufficient to merely compare the actual pass times to the "practice" pass times.
1) Total Pass Time x Discharge Rate/Nozzle x #Nozzles = Volume of Tank Mix applied to Plot
2) Volume of Tank Mix applied to Plot x <u>Amount of TS in Tank Mix</u> = Amount of TS applied to Plot Total Volume of Tank Mix
3) Amount of TS applied to Plot x 43,560 sq ft per acre = Amount of TS applied per acre
Plot area treated in sq ft %DEVIATION FROM THE PROTOCOL RATE SHOULD BE ROUNDED LIKE THIS: -5% OR THIS: +8%, NOT LIKE THIS: -5.4% OR THIS: +8.29% OR THIS: +3.141592653589793238462643383279502884197169399% *********************************
ACTUAL AREA TREATED (swath width or treated row or bed width x # of passes x length of plot): 2 of 4 1/0f+ = 22 of
Applied 32-8 ml of test 5069 tance followith multi-row beds.
onto 2200 ft2
$\frac{32.8 \text{ ml } \times 43560 \text{ ft}^2/A}{2200 \text{ ft}^2 \text{ treated area}} = 649.44 \text{ ml/Acre}$
2200ft2 treated area
649.44 ml/A (Actual rate) x 100= 100.07 90 649 ml/A (Protocol Vate) of target rate 0% okvirtion
from target
WAS ACTUAL APPLICATION RATE WITHIN -5% TO +10% OF PROTOCOL RATE? (Check one) YES NO IF NO. Contact the Study Director immediately.

PART 6 PAGE 18

Trial Year 2016

DATE: 9-9-16

FIELD ID NO: _

Ennes

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS		
K. POST TREATMENT RECORDS FOR APPLICATION NUM	1BER	
APPLICATION DATE 9-9-16 (Complete a sep	arate form for each applicati	on date)
Was There Any Visible Phytotoxicity Damage? (Check one) YE	ES NO	
Date Crop Was Observed: 9-16-16	_ Initials/date:	9-16-16
If YES, then contact the Study Director, fill in the box below, a photograph(s) to the Study Director along with a detailed explaint initials and date.	nd if a digital camera is ava	ilable, email digital
DESCRIPTION OF PHYTOXICITY SYMPTOMS:		
Dk	9-16-16	
PHYTOTOXIC	ITY DESCRIBED BY:	(Initials/date
DATE STUDY DIRECTOR WAS CONTACTED:	CONTACTED BY:	(Initials/date)
Enter the requested information below for <u>both</u> the first rainfall and subsequent applications were made prior to the first rainfall or irrig transcribed from the data included in Part 9 <u>unless otherwise indication</u> incorporate the test substance, or if the test substance is applied "NONE BEFORE HARVEST" OR "NONE BEFORE SAMPLEST"	ation. The rainfall/irrigation ated on this page. If irrigation d by irrigation, then that ev	data entered below should be on is required by the protocol tent should be recorded below.
DATE OF FIRST RAIN (Note the date of first rai	nfall after this application.)	
TIME AFTER APPLICATION THAT PLOTS WERE EXPOS (Check DAYS or HOURS) (Enter #hours if first rainfall was	on the date of application.)	DAYS HOURS
	AMOUNT OF WATER (Check INCHES or mm)	None before INCHES_ Sampling UNCHES_ Dk 11-2-16 mm_
RAIN INFORMATION RECORDED BY (Initials/date)		
TYPE OF IRRIGATION (e.g. overhead, trickle, flood)	Drip)
DATE OF FIRST IRRIGATION (Note the date of first irriga	ation after this application.)	9-13-16
TIME AFTER APPLICATION THAT PLOTS WERE EXPOSEI (Check DAYS or HOURS) (Enter #hours if first irrigation was		$\mathcal{A} \qquad \text{days} \frac{\mathcal{X}}{\text{hours}}$
	AMOUNT OF WATER Check INCHES, mm, or mL)	INCHES X ~ 0 44 mm mL
IRRIGATION INFORMATION RECORDED BY (Initials/date)	Ok 9-1	3-16
If the data entered above differ from the rainfall/irrigation data inc		
DART CRACE !	Initials/date:	Trial Voor 2016
PART 6 PAGE _[Trial Year 2016
COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE THE ORIGINAL IS IN FIELD DATA BOOK NO.	IE ORIGINAL" INITIALS DATI	Ε