

**IR-4 MINOR USE PERFORMANCE FORM**

PR NO. \_\_\_\_\_ Date of Report \_\_\_\_\_ Field I.D. No. \_\_\_\_\_ Page 1

Project Title (pesticide/commodity):

Investigator (name, address, phone):

Address of Experimental Plots:

Target Pest(s), or Use:

Experimental Pesticide: \_\_\_\_\_ Manufacturer:

EPA Reg. No.: \_\_\_\_\_ CAS No.: \_\_\_\_\_ Batch/Lot No.:

Chemical Standard: \_\_\_\_\_ Manufacturer:

EPA Reg. No.: \_\_\_\_\_ CAS No.: \_\_\_\_\_ Batch/Lot No.:

Planting Date: \_\_\_\_\_ Transplanting Date: \_\_\_\_\_ Emergence Date:

Plot Size and Experimental Design:

Row Spacing: \_\_\_\_\_ Plant Spacing:

Soil Type: \_\_\_\_\_ pH: \_\_\_\_\_ % Organic Matter:

Maintenance Chemicals/Pesticides Applied		Rates	Growth Stage	Reason
Product	Date			

Cultural Practices (fertilization, cultivation, rotation crops, etc.):



**SPRAY RECORD TABLE**  
(use additional sheets, if necessary)

**Application #**

Date: \_\_\_\_\_ Crop Growth Stage:

Soil Moisture: \_\_\_\_\_ Air Temp.: \_\_\_\_\_ Soil Temp.:

Relative Humidity: \_\_\_\_\_ Wind Speed/Direction: \_\_\_\_\_ Cloud Cover %:

1st Rainfall After Trt.: \_\_\_\_\_ Crop Stress:

Pest (type and population):

Pest (type and population):

Pest (type and population):

Pest (type and population):

Comments:

**Application #**

Date: \_\_\_\_\_ Crop Growth Stage:

Soil Moisture: \_\_\_\_\_ Air Temp.: \_\_\_\_\_ Soil Temp.:

Relative Humidity: \_\_\_\_\_ Wind Speed/Direction: \_\_\_\_\_ Cloud Cover %:

1st Rainfall After Trt.: \_\_\_\_\_ Crop Stress:

Pest (type and population):

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Comments:

**Application #**

Date: \_\_\_\_\_ Crop Growth Stage:

Soil Moisture: \_\_\_\_\_ Air Temp.: \_\_\_\_\_ Soil Temp.:

Relative Humidity: \_\_\_\_\_ Wind Speed/Direction: \_\_\_\_\_ Cloud Cover %:

1st Rainfall After Trt.: \_\_\_\_\_ Crop Stress:

Pest (type and population):

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Comments:

**IR-4 MINOR USE PERFORMANCE FORM**

PR NO. \_\_\_\_\_ Date of Report \_\_\_\_\_ Field I.D. No. \_\_\_\_\_ Page 4

**IR-4 RAINFALL/IRRIGATION RECORDS/TABLE**

Submit a copy of the test site=s daily rainfall and irrigation records, or

Assign each colum (A-F) a month. For each day with rain or days when irrigation was applied, note the amount (in cm or inches) and circle either R for rainfall or I for irrigation. Please record rainfall amounts for two weeks before beginning of study and continue for duration of trial. On bottom of page specify type of irrigation (e.g. overhead, trickle, furrow).

Day	A.	B.	C.	D.	E.	F.
1	R/I	R/I	R/I	R/I	R/I	R/I
2	R/I	R/I	R/I	R/I	R/I	R/I
3	R/I	R/I	R/I	R/I	R/I	R/I
4	R/I	R/I	R/I	R/I	R/I	R/I
5	R/I	R/I	R/I	R/I	R/I	R/I
6	R/I	R/I	R/I	R/I	R/I	R/I
7	R/I	R/I	R/I	R/I	R/I	R/I
8	R/I	R/I	R/I	R/I	R/I	R/I
9	R/I	R/I	R/I	R/I	R/I	R/I
10	R/I	R/I	R/I	R/I	R/I	R/I
11	R/I	R/I	R/I	R/I	R/I	R/I
12	R/I	R/I	R/I	R/I	R/I	R/I
13	R/I	R/I	R/I	R/I	R/I	R/I
14	R/I	R/I	R/I	R/I	R/I	R/I
15	R/I	R/I	R/I	R/I	R/I	R/I
16	R/I	R/I	R/I	R/I	R/I	R/I
17	R/I	R/I	R/I	R/I	R/I	R/I
18	R/I	R/I	R/I	R/I	R/I	R/I
19	R/I	R/I	R/I	R/I	R/I	R/I
20	R/I	R/I	R/I	R/I	R/I	R/I
21	R/I	R/I	R/I	R/I	R/I	R/I
22	R/I	R/I	R/I	R/I	R/I	R/I
23	R/I	R/I	R/I	R/I	R/I	R/I
24	R/I	R/I	R/I	R/I	R/I	R/I
25	R/I	R/I	R/I	R/I	R/I	R/I
26	R/I	R/I	R/I	R/I	R/I	R/I
27	R/I	R/I	R/I	R/I	R/I	R/I
28	R/I	R/I	R/I	R/I	R/I	R/I
29	R/I	R/I	R/I	R/I	R/I	R/I
30	R/I	R/I	R/I	R/I	R/I	R/I
31	R/I	R/I	R/I	R/I	R/I	R/I
Total						

**IR-4 MINOR USE PERFORMANCE FORM**

PR NO. \_\_\_\_\_ Date of Report \_\_\_\_\_ Field I.D. No. \_\_\_\_\_ Page 5

IR-4 PERFORMANCE TABLE - EFFICACY - TABULAR DATA

			Pest:	Pest:	Pest:	Pest:
Treatment	Rate (lb.ai/A)	Rep.	Date:	Date:	Date:	Date:
Control*	NA	1				
Control	NA	2				
Control	NA	3				
Control	NA	4				
Control	NA	mean				
		1				
		2				
		3				
		4				
		mean				
		1				
		2				
		3				
		4				
		mean				
		1				
		2				
		3				
		4				
		mean				

NOTE: Define measurement of pest population and efficacy scale (e.g. 0-100: with 0=no control and 100=complete control).

\*In herbicide trials report for both weedy check and weed-free check.

**IR-4 MINOR USE PERFORMANCE FORM**

PR NO. \_\_\_\_\_ Date of Report \_\_\_\_\_ Field I.D. No. \_\_\_\_\_ Page 6

IR-4 PERFORMANCE TABLE - PHYTOTOXICITY - TABULAR DATA

			Phyto rate #1	Phyto rate #2	Phyto rate #3	Phyto rate #4
Treatment	Rate (lb.ai/A)	Rep.	Date:	Date:	Date:	Date:
Control	NA	1				
Control	NA	2				
Control	NA	3				
Control	NA	4				
Control	NA	mean				
		1				
		2				
		3				
		4				
		mean				
		1				
		2				
		3				
		4				
		mean				
		1				
		2				
		3				
		4				
		mean				

NOTE: Define measurement of phytotoxicity, or index of injury

**IR-4 MINOR USE PERFORMANCE FORM**

PR NO. \_\_\_\_\_ Date of Report \_\_\_\_\_ Field I.D. No. \_\_\_\_\_ Page 7

IR-4 PERFORMANCE TABLE - YIELD/QUALITY - TABULAR DATA

			Harvest #1	Harvest #2	Harvest #3	
			Date:	Date:	Date:	
Treatment	Rate (lb.ai/A)	Rep.	Units:	Units:	Units:	Crop Quality Rating
Control	NA	1				
Control	NA	2				
Control	NA	3				
Control	NA	4				
Control	NA	mean				
		1				
		2				
		3				
		4				
		mean				
		1				
		2				
		3				
		4				
		mean				
		1				
		2				
		3				
		4				
		mean				

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**PR NO.** \_\_\_\_\_ **Date of Report** \_\_\_\_\_ **Field I.D. No.** \_\_\_\_\_ **Page 8**

Narrative summary of results and additional notes  
(include drawing of plot design)