

FIELD ID NO: _____

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS (may be used in field and greenhouse trials)C. DISCHARGE CALIBRATION (**TARGET CHECK**) FOR APPLICATION NUMBER _____*INSTRUCTIONS: Use this form only when conducting 3-run checks of a target output rate.***Calculations that do not fit on this page should be inserted on an additional page.**

EQUIPMENT IDENTIFIER _____

DISCHARGE CALIBRATION DATE _____ TIME _____ PERFORMED BY _____ (INITIALS)

LOCATION WHERE THE CALIBRATION WAS PERFORMED _____

INSTRUMENT USED TO MEASURE WATER (e.g. 100 ml graduated cylinder) _____

BRIEFLY DESCRIBE PROCEDURE USED TO CHECK DISCHARGE CALIBRATION _____

PRESSURE (psi) _____ UNITS (e.g. ml, grams) _____

Output Run Number	1	2	3	
Nozzle/Hopper Outlet Number Along Boom	1			<i>The use of a target output rather than the mean output may be used in the calculations made prior to the application; however, a "target check" calibration consisting of three runs must be conducted just prior to each use of a target output, and the mean output must be within 5% of the target output. After the application has been completed, the calculation of the amount of test substance that has been applied must use the mean output of this 3-run check, rather than the target output that was used in the advance calculations.</i>
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			
	12			
Total Boom Volume				A
Mean per nozzle or outlet				B
Time (seconds)				C
Discharge Rate				Average Discharge Rate* D _____
Target Discharge Rate				E
Average Discharge Rate (D) divided by Target Discharge Rate (E)				

Indicate whether discharge rate is calculated for: Total Boom Volume _____ Mean Nozzle Volume _____ *(A or B)/C=D

Is the discharge rate of each run within 5% of the mean? YES _____ NO _____ NA _____

Are individual nozzle outputs within 5% of the mean during each run? YES _____ NO _____ NA _____

Are results within 5% of target output? YES _____ NO _____

ABOVE DATA ENTERED BY: _____ DATE: _____

PART 6 PAGE _____

Trial Year 2024

COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE ORIGINAL"

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