

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) _____

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.

Output Run Number	1	2	3	
Nozzle/Hopper Outlet Number Along Boom <i>(If more than 6 nozzles, use the alternate form Part-6C. Large Boom provided on the website.)</i>	1			
	2			
	3			
	4			
	5			
	6			
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 _____

If this is a recheck, are results within 5% of target output? YES _____ NO _____ NA _____

ABOVE DATA ENTERED BY: _____ DATE: _____