

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: \_\_\_\_\_