

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<br>Outlet Number<br>Along Boom<br>(If more than 6 nozzles,<br>use the alternate form<br><u>Part-6C. Large Boom</u><br>provided on the<br>website.) | 1 |   |   |   |                                    |
|                                                                                                                                                                  | 2 |   |   |   |                                    |
|                                                                                                                                                                  | 3 |   |   |   |                                    |
|                                                                                                                                                                  | 4 |   |   |   |                                    |
|                                                                                                                                                                  | 5 |   |   |   |                                    |
|                                                                                                                                                                  | 6 |   |   |   | Total                              |
| Total Boom Volume                                                                                                                                                |   |   |   |   | A                                  |
| Mean per nozzle or outlet                                                                                                                                        |   |   |   |   | B                                  |
| Time (seconds)                                                                                                                                                   |   |   |   |   | C                                  |
| Discharge Rate                                                                                                                                                   |   |   |   |   | Average<br>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: \_\_\_\_\_

PART 6 PAGE \_\_\_\_\_

Trial Year 2026

COMPLETE IF APPROPRIATE: "THIS IS A TRUE COPY OF THE ORIGINAL"  
THE ORIGINAL IS IN IR-4 FIELD DATA BOOK NO. \_\_\_\_\_ INITIALS \_\_\_\_\_ DATE \_\_\_\_\_