

FIELD ID NO: _____

IR-4 FIELD DATA BOOK

PART 6. APPLICATION RECORDS-AIRBLAST SPRAYER

C. DISCHARGE CALIBRATION (TARGET CHECK) FOR APPLICATION NUMBER _____

INSTRUCTIONS: *Use this form only when conducting 3-run checks of a target output rate for an airblast sprayer. 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 _____

STANDARD DISTANCE USED IN DISCHARGE CALIBRATION _____

PRESSURE (psi) _____ DISCHARGE UNITS MEASURED (e.g. ml, gallons) _____

METHOD USED TO DETERMINE AMOUNT DISCHARGED (Check one) REFILLED WITH FLOWMETER _____

MEASURED AMOUNT NEEDED TO BACKFILL TANK _____ OTHER (Describe below) _____

BRIEFLY DESCRIBE PROCEDURE USED TO CHECK DISCHARGE CALIBRATION _____

Output Run Number		1	2	3	<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>
Left side* only	Initial volume				
	Final volume				
	Volume discharged				
Right side* only	Initial volume				
	Final volume				
	Volume discharged				
Both sides at the same time	Initial volume				
	Final volume				
	Volume discharged				
Sum of outputs per run					A
Time (seconds)					B
Discharge rate (ml or gal/sec)					Average Discharge Rate** C _____
Target Discharge Rate					D
Average Discharge Rate (C) divided by Target Discharge Rate (D)					

*As seen from the rear of the sprayer

**A/B=C

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

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

ABOVE DATA ENTERED BY: _____ DATE: _____

PART 6 PAGE _____

Trial Year 2023

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

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