

FIELD ID NO: _____

IR-4 FIELD DATA BOOK

PART 6. PLANTING RECORDS-SEED TREATMENT TRIALS

C. SEEDING RATE CALIBRATION (TARGET CHECK) FOR PLANTING EQUIPMENT

INSTRUCTIONS: Use this form when conducting full (3-run) calibrations or rechecks. If conducting a recheck, please provide calculations to verify that the output is within +/-5% of the most recent full calibration.

EQUIPMENT IDENTIFIER _____

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

APPROXIMATE TIME OF DAY THAT THE CALIBRATION WAS PERFORMED _____

LOCATION WHERE THE CALIBRATION WAS PERFORMED _____

DISCHARGE UNITS MEASURED (e.g. kg, lbs, g, oz) _____

INSTRUMENT USED TO MEASURE SEED WEIGHT _____

BRIEFLY DESCRIBE PROCEDURE USED TO CALIBRATE EQUIPMENT _____

Output Run Number	1	2	3	
Hopper Outlet Number on Planting Equipment (These numbers should match those shown in the equipment diagram in 6.B)	1			An output consisting of an average of three runs <u>or</u> a target output may be used when calculating the planter output and amount of seed to use. If this is a recheck (one run) then the results of the original calibration must be used. If the output result of the recheck is more than 5% different than the original calibration result, then two more runs are needed to produce a new, full calibration. The original calibration data, or a true copy, must be in this field data book.
	2			
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			
	12			
Total				
Total Output Volume				A
Mean per outlet				B
Time (seconds)				C
Hopper Discharge Rate				Average Discharge Rate* D
Target Discharge Rate				D
Average Discharge Rate (C) divided by Target Discharge Rate (D)				*A/C=D

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

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

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

ABOVE DATA ENTERED BY: _____ DATE: _____