

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: _____

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