



Planter Seed Meter Adjustment Checklist

Preparation & Safety

Ensuring a safe and organized workspace before starting the adjustment process.

Operator Name

Write something...

Date of Adjustment

Enter date...

Planter Model

Write something...

Seed Meter Serial Number

Enter a number...

PPE (Personal Protective Equipment) Verified?

☐ Yes

☐ No

Notes on Site Conditions (e.g., terrain, weather)

Write something...

Area Cleared of Obstructions?

☐ Yes

☐ No

Equipment & Tools

Gathering necessary tools and equipment for the seed meter adjustment.

Seed Meter Model

☐ Model A

☐ Model B

☐ Model C

☐ Other

Manufacturer's Calibration Gauge (if applicable)

Write something...

Seed Size Gauge/Micrometer (if applicable)

Enter a number...

Tools Available

- ☐ Screwdrivers (various sizes)
- ☐ Wrenches (various sizes)
- ☐ Calibration Gauge (specific to meter)
- ☐ Seed Counting Tray
- ☐ Ruler/Measuring Tape
- ☐ Gloves

Photo of Tool Setup (Optional)

 Upload File

Notes on available tools and condition

Write something...

Visual Inspection

Preliminary check of the seed meter components for wear, damage, or obstruction.

Describe any visible damage to the seed meter housing.

Write something...

Check for worn or cracked seed plates. Select all that apply.

- ☐ No cracks or wear
- ☐ Minor cracks/wear
- ☐ Significant cracks/wear
- ☐ Seed plate missing

Count the number of visible foreign objects (debris, dirt, plant material) in the seed meter.

Enter a number...

Are the seed cells clear of obstructions?

- ☐ Yes
- ☐ No
- ☐ Partially Obstructed

Note any unusual noises or movement during manual rotation of the seed meter.

Write something...

Check for wear on seed drive components (rollers, gears). Select the best description.

- ☐ No visible wear
- ☐ Slight wear
- ☐ Moderate wear
- ☐ Significant wear

Seed Meter Calibration Setup

Setting up the seed meter for accurate calibration based on manufacturer's recommendations.

Seed Meter Operating Speed (MPH)

Enter a number...

Seed Meter Type (e.g., Vacuum, Mechanical)

- ☐ Vacuum
- ☐ Mechanical
- ☐ Other (Specify)

Reference Manufacturer's Calibration Procedure

Write something...

Desired Population (Seeds/Acre)

Enter a number...

Calibration Method (e.g., Field Test, Lab Test)

- ☐ Field Test
- ☐ Lab Test
- ☐ Manufacturer's Procedure

Seed Spacing Adjustment Increment (Inches)

Enter a number...

Date of Calibration Setup

Enter date...

Seed Size & Variety Verification

Confirming the correct seed size and variety are being used for the adjustment.

Seed Variety

- ☐ Corn
- ☐ Soybean
- ☐ Wheat
- ☐ Canola
- ☐ Other

Seed Size (mm)

Enter a number...

Seed Supplier Specifications

Write something...

Seed Quality Grade

- ☐ A
- ☐ B
- ☐ C
- ☐ Ungraded

Seed Analysis Report (Optional)

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Seed Meter Adjustment Procedure

Step-by-step adjustments of the seed meter, following the manufacturer's instructions.

Adjust Seed Plate Position (mm)

Enter a number...

Adjust Spacing Gauge Setting (inches)

Enter a number...

Seed Cup Type

- ☐ Standard Cup
- ☐ Short Cup
- ☐ Extended Cup

Adjust Drive Gear Ratio (if applicable)

Enter a number...

Notes on Specific Adjustment Techniques

Write something...

Adjustment Method Used (per manufacturer's instructions)

- ☐ Visual Adjustment
- ☐ Weight Calibration
- ☐ Electronic Calibration

Seed Cup RPM (if applicable, measured)

Enter a number...

Population Verification & Fine-Tuning

Checking the planted population and making fine adjustments to the meter for accuracy.

Test Row Length (feet)

Enter a number...

Number of Plants Counted

Enter a number...

Actual Planted Population (plants/acre)

Enter a number...

Target Planted Population (plants/acre)

Enter a number...

Population Accuracy

- ☐ Within Tolerance
- ☐ Slightly High
- ☐ Slightly Low
- ☐ Outside Tolerance

Adjustment Increment (e.g., seed plate rotation degrees)

Enter a number...

Notes on Population Verification and Adjustments

Write something...

Seed Type Used for Verification

☐ Same as Planting

☐ Different - Specify in Notes

Documentation & Record Keeping

Recording adjustment settings, seed type, and date for future reference.

Date of Adjustment

Enter date...

Seed Meter Serial Number

Enter a number...

Planted Population (Plants/Acre)

Enter a number...

Seed Variety Used

- ☐ Corn - X Variety
- ☐ Soybean - Y Variety
- ☐ Wheat - Z Variety
- ☐ Other - Specify in Long Text

Notes/Comments (e.g., specific adjustment issues, environmental conditions)

Write something...

Meter Setting (as per manual)

Enter a number...

Adjustment Performed By

- ☐ Mechanic 1
- ☐ Mechanic 2
- ☐ Technician 1
- ☐ Technician 2

Post-Adjustment Checks & Clean-Up

Final verification of the meter and cleaning up the work area.

Verify Population with Drop Test (Plants/Foot)

Enter a number...

Meter Operation Observed (Smooth, Erratic, etc.)

- ☐ Smooth
- ☐ Erratic
- ☐ Choppy
- ☐ Uneven

Notes on observed meter behavior during the verification process

Write something...

Date of Verification

Enter date...

Time of Verification

Clean any Seed Debris?

- ☐ Yes
- ☐ No

Technician Name

Write something...

Equipment ID (If Applicable)

Write something...