

Planting Depth Accuracy Checklist

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Pre-Planting Assessment & Planning

Initial checks and planning to ensure accurate planting depth is considered from the beginning.

Review Crop Plan for Depth Recommendations

- Yes, reviewed and documented
- Yes, reviewed but not documented
- No, not reviewed

Target Planting Depth (inches)

Enter a number...



Soil Map Available for Planting Area?

- Yes
- No

Notes on Potential Soil Variability

Write something...

Seed Size (mm)

Enter a number...

Known Soil Compaction Issues?

- Yes
- No
- Unknown

Equipment Calibration & Setup

Ensuring planting equipment is correctly calibrated and adjusted for optimal depth control.

Planter Depth Setting (inches)

Enter a number...

Target Depth (inches) - Based on Seed Type

Enter a number...

Unit of Measurement

- Inches
- Centimeters

Row Spacing (inches)

Enter a number...

Notes on Adjustments Made to Depth Control System

Write something...

Furrow Opener Type

- Disc
- Spade
- Knife
- Other

Gauge Wheel Pressure (PSI)

Enter a number...

Soil Conditions & Considerations

Acknowledging how soil type, moisture, and compaction influence planting depth requirements.

Soil Type Predominance?

- Sandy
- Loamy
- Clay
- Silty
- Mixed

Soil Moisture Level (Scale of 1-10, 1=Dry, 10=Saturated)

Enter a number...

Describe any observed soil compaction issues.

Write something...

Soil Drainage Characteristics?

- Good
- Moderate
- Poor

Soil Bulk Density (g/cm³)

Enter a number...

Any visible signs of erosion or runoff?

Write something...

Seed Type Specifics

Addressing how different seed types have varying ideal planting depths.

Select Seed Type:

- Corn
- Soybeans
- Wheat
- Peas
- Cotton
- Other

Reference Seed Variety Information:

- Vendor Recommendations
- Extension Office Guides
- Personal Experience
- Other

Recommended Planting Depth (inches):

Enter a number...

Note any specific variety recommendations for planting depth:

Write something...

Is this a new variety being planted?

- Yes
- No

Adjusted Planting Depth (inches - if applicable):

Enter a number...

Reason for Depth Adjustment (if applicable):

Write something...

Depth Verification During Planting

Real-time checks during the planting process to confirm depth accuracy.

Planting Depth (inches)

Depth Measurement Method

- Visual Estimation
- Depth Gauge
- GPS/Sensor Data

Number of Test Depths Checked

Depth Consistency

- Consistent
- Slight Variation
- Significant Variation

Notes on Depth Variation (if applicable)

Average Deviation from Target Depth (inches)

Post-Planting Observation & Adjustment

Evaluating seedling emergence and adjusting planting depth for subsequent runs if needed.

Days After Planting (DAP) for Initial Emergence Observation

Emergence Rate (Overall)

- Excellent (90%+)
- Good (70-89%)
- Fair (50-69%)
- Poor (Below 50%)

Percentage of Seedlings Exhibiting 'Deep Planting' Symptoms (e.g., Leggy Stems)

Describe any noticeable emergence abnormalities observed.

Overall Assessment of Planting Depth Outcome

- Optimal
- Needs Slight Adjustment
- Requires Significant Adjustment
- Unacceptable - Rework Needed

Adjustment Made to Planting Depth (in inches/mm)

Enter a number...

Date of Adjustment

Enter date...

Describe adjustments made to planting equipment and rationale behind them.

Write something...