ChecklistGuro

Combine Harvester Blade Inspection Checklist

Pre-Inspection & Safety

Initial checks and safety protocols before visually inspecting the blades.

Date of Inspection

Enter date...

Time of Inspection

Inspection Location (Field/Lot)

Set My Current Location

Harvester Model

- [ ] Model A
- [ ] Model B
- [ ] Model C
- [ ] Other (Specify)

Operator Name

Write something...

Weather Conditions

- [ ] Clear
- [ ] Cloudy
- [ ] Rain
- [ ] Dusty

Brief Description of Current Field Conditions

Write something...

Blade Condition - General

Overall assessment of blade condition, looking for common issues.

Overall Blade Condition

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor
- [ ] Unacceptable

Estimated Total Operating Hours (since last blade replacement/sharpening)

Enter a number...

Describe any noticeable abnormalities (e.g., unusual noise, vibration)

Write something...

Observed Issues (check all that apply)

- [ ] Rust/Corrosion
- [ ] Cracks
- [ ] Significant Wear
- [ ] Deformation
- [ ] Missing Pieces
- [ ] None

Blade Material Type (if known)

Write something...

Number of Blades Currently Installed

Enter a number...

Blade Style (if applicable)

- [ ] Standard
- [ ] Flex
- [ ] Conical
- [ ] Spiral
- [ ] Other

Leading Edge Inspection

Detailed examination of the leading edge for wear, chipping, and damage.

Maximum Wear Depth (mm)

Enter a number...

Edge Damage Type(s)

- [ ] Chipping
- [ ] Rolling
- [ ] Worn
- [ ] Cracked
- [ ] None Observed

Number of Blades with Chipping

Enter a number...

Number of Blades with Rolling

Enter a number...

Detailed Description of Edge Damage (if any)

Write something...

Overall Leading Edge Condition

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor

Photo of Leading Edge Wear

Upload File

Blade Tip Inspection

Focus on the tips of the blades, as these are most susceptible to damage.

Number of Blade Tips with Minor Chipping (less than 0.5 inch)

Enter a number...

Number of Blade Tips with Moderate Chipping (0.5 - 1 inch)

Enter a number...

Number of Blade Tips with Severe Chipping/Damage (greater than 1 inch)

Enter a number...

Overall Tip Condition Assessment

- [ ] Excellent - No visible damage
- [ ] Good - Minor chipping
- [ ] Fair - Moderate chipping
- [ ] Poor - Significant damage

Detailed Description of Any Unusual Tip Damage (e.g., cracking, bending)

Write something...

Are any tips bent or out of alignment?

- [ ] Yes
- [ ] No

Upload photos of damaged blade tips (optional)

Upload File

Blade Shank & Mounting Hardware

Examination of the shank and mounting hardware to ensure secure attachment and integrity.

Shank Material Condition

- [ ] Excellent
- [ ] Good
- [ ] Fair
- [ ] Poor
- [ ] Damaged

Bolt/Nut Condition

- [ ] No Issues
- [ ] Minor Rust
- [ ] Moderate Rust
- [ ] Significant Rust/Corrosion
- [ ] Damaged Threads
- [ ] Missing

Number of Cracked Shanks

Enter a number...

Number of Loose Bolts

Enter a number...

Lock Washer Condition

- [ ] Present & Intact
- [ ] Present & Damaged
- [ ] Missing
- [ ] N/A - Not Applicable

Notes on Shank/Hardware Condition

Write something...

Blade Angle & Alignment

Checking and verifying the correct blade angle and alignment relative to the reel and cutterbar.

Left Blade Angle (Degrees)

Enter a number...

Right Blade Angle (Degrees)

Enter a number...

Center Blade Angle (Degrees)

Enter a number...

Reel Speed Setting (Reference)

- [ ] Low
- [ ] Medium
- [ ] High
- [ ] Automatic

Blade Alignment Method

- [ ] Visual Comparison
- [ ] Laser Alignment Tool
- [ ] Dial Indicator

Notes on Alignment Adjustments (if any)

Write something...

Blade Alignment Status

- [ ] Within Tolerance
- [ ] Requires Adjustment
- [ ] Outside of Tolerance

Post-Inspection & Documentation

Final checks, recording findings, and recommendations for repair or replacement.

Summary of Findings

Write something...

Blade Condition Score (1-10)

Enter a number...

Recommended Action

- [ ] Replace Blades
- [ ] Sharpen Blades
- [ ] Monitor & Re-Inspect
- [ ] Repair (Specify Below)

Details of Repair (if selected above)

Write something...

Date of Inspection

Enter date...

Time of Inspection

Inspector Signature

Inspector Name

Write something...

Machine ID/Serial Number

Write something...