



Post-Harvest Equipment Sanitation And Sterilization Protocol 2026 Checklist

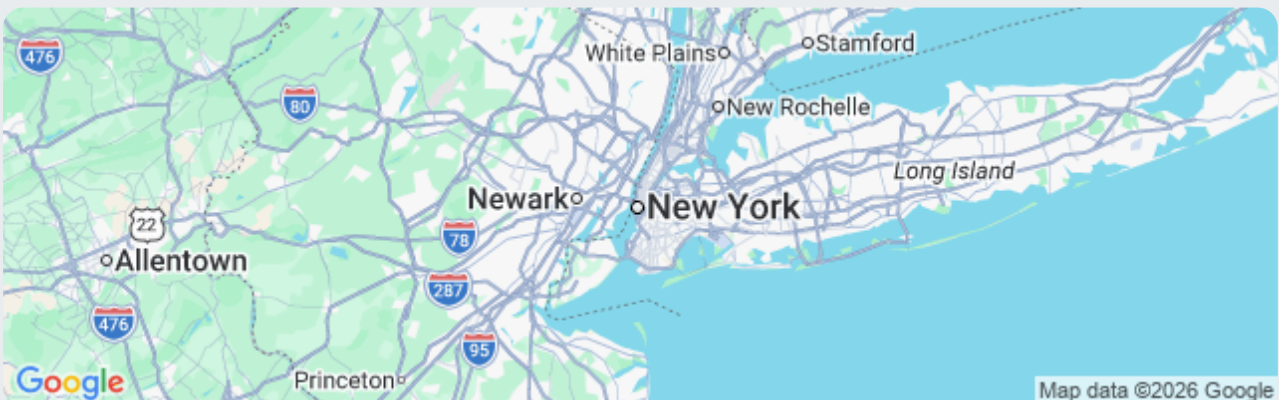
Pre-Cleaning Inspection & Debris Removal

Initial assessment of equipment to identify and remove all organic residue, soil, crop remains, and large debris before the washing process begins.

Inspection Date

Equipment Storage Area/Field ID

 [Set My Current Location](#)



Identified Debris Types

- ☐ Soil/Mud
- ☐ Crop Residue/Stalks
- ☐ Dried Juice/Sap
- ☐ Dust/Particulates
- ☐ Organic Matter

Visible Residue Details

Write something...

Estimated Debris Weight (kg)

Enter a number...

Pre-Cleaning Photos

 Upload File

Inspector Signature

Equipment Disassembly and Component Check

Step-by-step verification of disassembling removable parts, belts, and attachments to ensure all surfaces are accessible for cleaning.

Disassembly Completion Date

Enter date...

Primary Component Status

- ☐ Fully Disassembled
- ☐ Partially Disassembled
- ☐ N/A - Unit Left Intact

Components Inspected

- ☐ Belts and Drives
- ☐ Cutting Blades/Discs
- ☐ Conveyor Belts/Augers
- ☐ Sensors and Probes
- ☐ Hydraulic Fittings
- ☐ Sieves and Screens

Disassembly Notes & Findings

Write something...

Photo Evidence of Components

 Upload File

Technician Verification

Mechanical Wash & Degreasing

Process documentation for using high-pressure water, detergents, and degreasers to remove stubborn oils, greases, and stubborn organic matter.

Cleaning Date

Degreaser/Detergent Type Used

- ☐ Alkaline-based Degreaser
- ☐ Acidic Cleaner
- ☐ Enzymatic Cleaner
- ☐ Other

Chemical Dilution Ratio (1:X)

Contact Time (Minutes)

Areas Cleaned

- ☐ Conveyor Belts
- ☐ Sorters/Graders
- ☐ Crushers/Extractors
- ☐ Storage Vats/Tanks
- ☐ Packaging Liners

Post-Wash Visual Inspection Photo

 Upload File

Operator Verification



Chemical Sanitization & Sterilization

Application of approved food-grade sanitizers or agricultural-grade disinfectants, including contact time monitoring and concentration verification.

Sanitizer Type Used

- ☐ Peracetic Acid
- ☐ Chlorine-Based Solution
- ☐ Quaternary Ammonium (Quats)
- ☐ Hydrogen Peroxide
- ☐ Other

Chemical Concentration (ppm)

Enter a number...

Contact Time Duration (Minutes)

Enter time...

Sanitization Completion Date

Enter date...

Verification Steps Completed

- ☐ Surface coverage inspected
- ☐ No visible residue remaining
- ☐ Contact time met requirements
- ☐ No chemical odor/over-concentration

Sanitation Supervisor Approval

Rinsing and Drying Verification

Inspection of surfaces to ensure no chemical residue remains and that all components are completely dry to prevent microbial growth or rust.

Rinsing Thoroughness Assessment

- ☐ No residue detected
- ☐ Minor residue detected - Re-rinse required
- ☐ Significant residue detected - Failed Inspection

Residual Chemical Detection Check

Write something...

Drying Status

- ☐ Completely Dry
- ☐ Moisture Detected (Requires further drying)

Visual Inspection Photos

 Upload File

Inspector Verification

Lubrication and Reassembly

Re-installation of components and application of food-safe lubricants to moving parts, ensuring all seals and guards are correctly seated.

Components Reassembled

- ☐ Drive Belts/Chains
- ☐ Bearings
- ☐ Cutting Blades/Discs
- ☐ Conveyor Belts
- ☐ Hydraulic Attachments
- ☐ Sensors and Probes

Lubricant Type Used

- ☐ Food-Grade Grease
- ☐ Mineral Oil
- ☐ Synthetic Lubricant
- ☐ Other

Amount of Lubricant Applied (ml/g)

Enter a number...

Notes on Reassembly Issues

Write something...

Technician Verification

Final Quality Assurance & Storage Prep

Final visual inspection for cleanliness and preparation of the equipment for storage or immediate reuse in the next production cycle.

Equipment Condition Status

☐ Ready for Use☐ Requires Further Cleaning☐ Under Maintenance/Repair

Post-Cleaning Inspection Checklist

☐ No visible organic residue remaining☐ Surfaces are completely dry☐ No chemical/sanitizer residue detected☐ All moving parts are lubricated

Post-Cleaning Observations

Write something...

Inspection Date

Enter date...

Quality Assurance Inspector Signature

Documentation and Compliance Log

Recording of operator names, chemical batch numbers, sterilization temperatures, and completion timestamps for regulatory audit readiness.

Sanitization Completion Date

Enter date...

Sanitization Start Time

Enter time...

Sanitization Agent Used

- ☐ Chlorine-based Sanitizer
- ☐ Peracetic Acid
- ☐ Quaternary Ammonium
- ☐ Alcohol-based Disinfectant
- ☐ Other

Chemical Concentration (PPM)

Enter a number...

Equipment Units Sanitized

- ☐ Conveyor Belts
- ☐ Sorting Trays
- ☐ Processing Blades
- ☐ Storage Containers
- ☐ Packaging Machinery

Sanitation Certificate/MSDS Upload



Upload File

Supervisor Verification Signature

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🔧 Generate Sample Report