✅ ChecklistGuro

Crop Management Checklist: Irrigation, Pest Control & Yield Optimization

Irrigation System Assessment

Evaluate the functionality and efficiency of your irrigation system.

Last Irrigation System Inspection Date

Enter date...

Water Pressure (PSI)

Enter a number...

Flow Rate (GPM)

Enter a number...

Sprinkler Head Condition

- ☐ Excellent
- ☐ Good
- ☐ Fair
- ☐ Poor

Areas with Uneven Watering

- ☐ Field A
- ☐ Field B
- ☐ Field C
- ☐ None

Notes on System Performance

Write something...

Attach Photos of System (if needed)

⬆ Upload File

Pest & Disease Monitoring

Regularly inspect crops for signs of pests and diseases.

Monitoring Date

Enter date...

Observed Pests (Check all that apply)

- ☐ Aphids
- ☐ Spider Mites
- ☐ Caterpillars
- ☐ Grasshoppers
- ☐ Other (Specify)

Observed Diseases (Check all that apply)

☐ Powdery Mildew

☐ Bacterial Spot

☐ Fungal Leaf Spot

☐ Viral Infection

☐ Other (Specify)

Detailed Pest/Disease Description (Location, severity, visual symptoms)

Write something...

Estimated Infestation/Disease Severity (Scale of 1-10, 1=minimal, 10=severe)

Enter a number...

Control Measures Taken (If any)

☐ None

☐ Organic Spray

☐ Chemical Spray

☐ Biological Control

☐ Other (Specify)

Notes/Comments on Pest/Disease Observations & Control Actions

Write something...

Nutrient Management

Ensure proper nutrient levels in the soil for optimal crop growth.

Soil pH Level

Enter a number...

Nitrogen (N) ppm

Enter a number...

Phosphorus (P) ppm

Enter a number...

Potassium (K) ppm

Enter a number...

Fertilizer Type Applied

☐ Organic

☐ Synthetic

☐ Blend

Fertilizer Application Rate (lbs/acre)

Enter a number...

Date of Last Soil Test

Enter date...

Notes on Nutrient Deficiencies/Observations

Write something...

Weed Control

Manage weed growth to reduce competition for resources.

Last Weed Control Application Date

Enter date...

Weed Control Method

☐ Manual Weeding

☐ Herbicide Application

☐ Cover Cropping

☐ Solarization

Herbicide Application Rate (per acre/hectare)

Enter a number...

Herbicide Type(s) Used

☐ Pre-Emergent

☐ Post-Emergent

☐ Selective

☐ Non-Selective

Observations & Notes (e.g., weed species present, areas with heavy infestation)

Write something...

Estimated Weed Coverage (%)

Enter a number...

Photos of Weed Infestation (Optional)

⬆ Upload File

Crop Health & Growth

Track crop development, identify potential issues, and ensure optimal growth conditions.

Observation Date

Enter date...

Plant Height (cm)

Enter a number...

Leaf Count

Enter a number...

Visible Symptoms (Select all that apply)

- [ ] Yellowing
- [ ] Stunted Growth
- [ ] Leaf Spots
- [ ] Wilting
- [ ] No Visible Symptoms

Detailed Observations and Notes

Write something...

Overall Plant Health Rating

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

Photo Documentation (Optional)

⬆ Upload File

Equipment Maintenance

Schedule and perform necessary maintenance on farm equipment.

Last Tractor Service Date

Enter date...

Engine Hours (Tractor)

Enter a number...

Sprayer Calibration Date

Enter date...

Pump Pressure (PSI)

Enter a number...

Tire Condition (Tractor)

☐ Excellent

☐ Good

☐ Fair

☐ Needs Replacement

Notes on Equipment Condition/Repairs Needed

Write something...

Next Scheduled Maintenance Date

Enter date...

Record Keeping & Documentation

Maintain accurate records of all crop management activities.

Date of Record

Enter date...

Field/Block Identifier

Enter a number...

Description of Activities Performed

Write something...

Method of Application (e.g., Spraying, Broadcasting)

- ☐ Spraying
- ☐ Broadcasting
- ☐ Fertigation
- ☐ Other

Quantity Applied (e.g., lbs, gallons)

Enter a number...

Weather Conditions

- ☐ Sunny
- ☐ Cloudy
- ☐ Rainy
- ☐ Windy

Supporting Photos/Documentation (Optional)

⬆ Upload File

Notes/Observations

Write something...

Yield Prediction & Harvest Planning

Assess yield potential and prepare for the harvest season.

Estimated Yield per Acre (Units: Bushels/Tonnes)

Enter a number...

Projected Harvest Start Date

Enter date...

Moisture Content at Harvest (Percentage)

Enter a number...

Harvest Method (Manual/Mechanical)

☐ Manual

☐ Mechanical

Planned Harvest Completion Date

Enter date...

Labor Required (Number of Workers)

Enter a number...

Notes on Potential Harvest Challenges

Write something...

Storage Method (Grain Bins/Silage/Other)

- [ ] Grain Bins
- [ ] Silage
- [ ] Other