

Farm Pest and Weed Control Checklist

Field Scouting and Monitoring

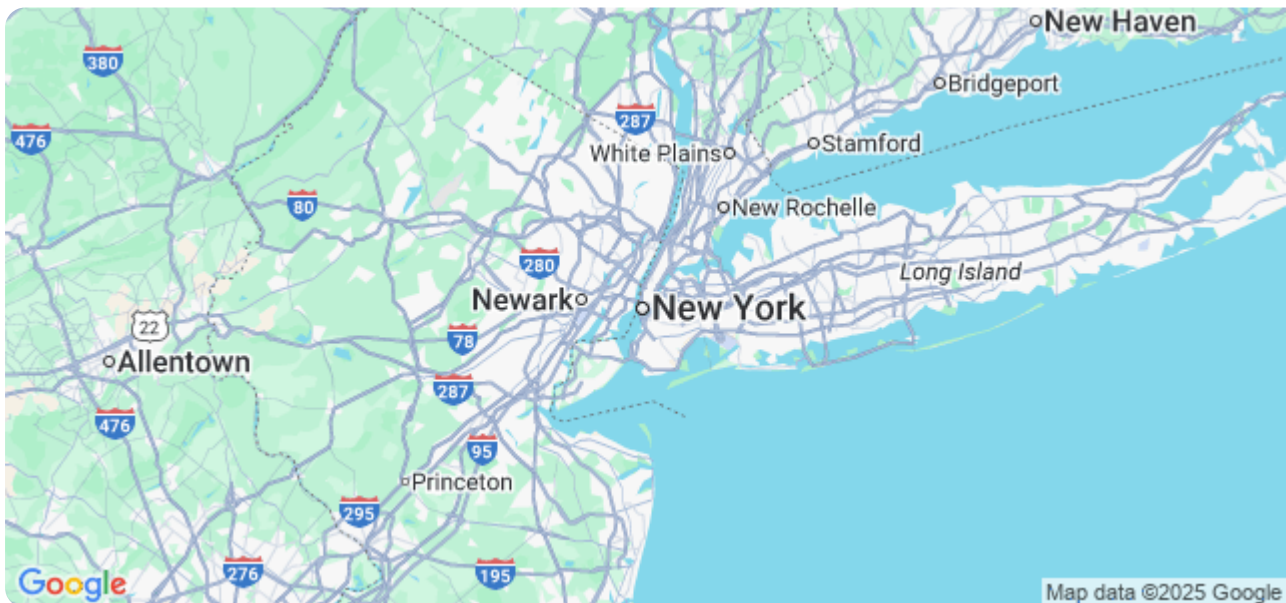
Regularly inspect fields for signs of pests and weeds.

Scouting Date

Scouting Time

GPS Coordinates of Scouting Location

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Field Area Scanned (Acres/Hectares)

Enter a number...

Observed Pest(s)

- ☐ Aphids
- ☐ Spider Mites
- ☐ Caterpillars
- ☐ Grubs
- ☐ Wireworms
- ☐ None

Observed Weed(s)

- ☐ Broadleaf Weeds
- ☐ Grassy Weeds
- ☐ Perennial Weeds
- ☐ Annual Weeds
- ☐ None

Pest Population Density (Plants/Area)

Enter a number...

Weed Coverage (%)

Enter a number...

Pest Identification

Accurately identify pests to determine appropriate control measures.

Observed Pest Description

Write something...

Suspected Pest Category

- ☐ Insect
- ☐ Nematode
- ☐ Fungus
- ☐ Disease
- ☐ Unknown

Pest Image (Optional)

 Upload File

Estimated Pest Population Density (per area)

Enter a number...

Location of Pest Observation (Specific Field/Area)

Write something...

Date of Pest Observation

Enter date...

Weed Identification

Identify weed species to select effective herbicides or manual removal techniques.

Observed Weed Characteristics (Leaves, Stems, Flowers)

Write something...


Possible Weed Types (Select all that apply)

- ☐ Broadleaf
- ☐ Grass
- ☐ Sedges
- ☐ Unknown

Dominant Weed Stage (Seedling, Mature, Seeded)

- ☐ Seedling
- ☐ Mature
- ☐ Seeded
- ☐ Unknown

Attach Photo(s) of Weed for Identification

 Upload File

Notes/Additional Observations

Write something...

Integrated Pest Management (IPM) Strategies

Document implementation of IPM practices such as crop rotation, biological controls, and resistant varieties.

Crop Rotation Plan Followed?

- ☐ Yes
- ☐ No
- ☐ N/A

Percentage of Field Covered by Cover Crop

Biological Control Methods Utilized?

- ☐ Predatory Insects
- ☐ Parasitic Wasps
- ☐ Nematodes
- ☐ Microbial Pesticides
- ☐ None

Date of Last Beneficial Insect Release

Description of Resistant Crop Varieties Planted

Notes on Tillage Practices and Impact on Pest Habitat

Write something...

Sanitation Practices Applied?

☐ Yes

☐ No

☐ N/A

Herbicide Application

Record herbicide application rates, timing, weather conditions, and nozzle types.

Application Date

Enter date...

Application Time

Herbicide Product Used

☐ Product A

☐ Product B

☐ Product C

Application Rate (per acre/hectare)

Enter a number...

Water Volume (per acre/hectare)

Enter a number...

Nozzle Type

- ☐ Fan
- ☐ Cone
- ☐ Flat Fan

Nozzle Pressure (PSI/Bar)

Enter a number...

Weather Conditions (Temperature, Wind Speed, Rainfall)

Write something...

Manual Weed Removal

Track areas where manual weeding is performed and estimate weed coverage.

Date of Manual Weeding

Enter date...

Area Weeded (Square Feet)

Enter a number...

Weed Species Removed

- ☐ Broadleaf
- ☐ Grassy
- ☐ Sedges
- ☐ Unknown

Description of Weeding Method (e.g., hand-pulling, hoeing)

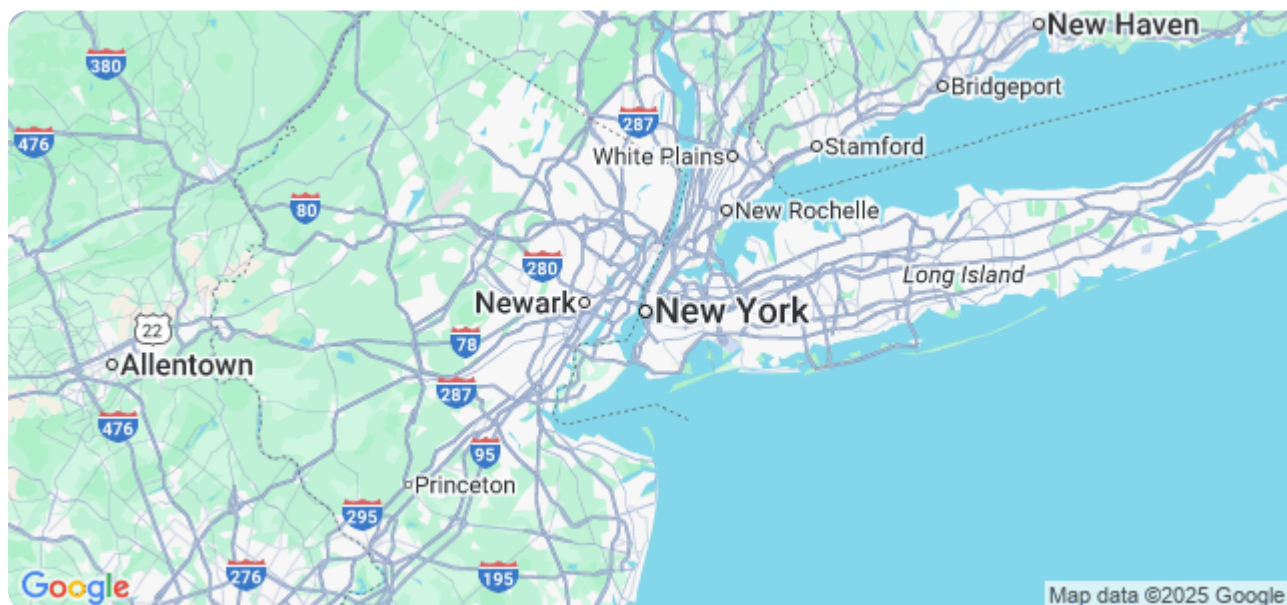
Write something...

Estimated Weed Density (Plants/Square Foot)

Enter a number...

GPS Location of Weeding Area

 [Set My Current Location](#)



Biological Control Agent Application

Document the application of beneficial insects or nematodes, including dates, rates, and effectiveness.

Application Date

Application Time

Agent Type

- ☐ Predatory Insects
- ☐ Parasitic Wasps
- ☐ Nematodes
- ☐ Pathogens

Application Rate (per acre/hectare)

Application Method

- ☐ Aerial
- ☐ Ground Sprayer
- ☐ Manual Release

Area Treated (acres/hectares)

Notes/Observations (e.g., weather, pest activity)

Write something...

Supporting Documentation (e.g., product label)

 Upload File

Record Keeping and Reporting

Maintain detailed records of all pest and weed control activities for regulatory compliance and future reference.

Record Date

Enter date...

Detailed Observations/Notes

Write something...

Estimated Pest/Weed Population Density (e.g., plants/sq ft)

Enter a number...

Control Method Applied

- ☐ Herbicide
- ☐ Manual Removal
- ☐ Biological Control
- ☐ Crop Rotation
- ☐ Other

Supporting Photos/Documents (Optional)

 Upload File

Herbicide/Control Agent Name (if applicable)

Write something...

Equipment Calibration

Verify and record calibration of application equipment to ensure accurate delivery of control agents.

Calibration Date

Enter date...

Nozzle Flow Rate (gallons/minute)

Enter a number...

Application Rate (gallons/acre)

Enter a number...

Travel Speed (mph)

Enter a number...

Actual Application Rate (gallons/acre)

Enter a number...

Calibration Method

- ☐ Volume Measurement
- ☐ Area Measurement
- ☐ Timer Method

Calibration Notes/Adjustments

Write something...

Calibration Records/Photos

 Upload File

Environmental Considerations

Note any environmental factors (wind, rain, temperature) that may impact control effectiveness.

Date of Observation

Enter date...

Time of Observation

Wind Speed (mph)

Enter a number...

Temperature (°F)

Enter a number...

Weather Conditions

- ☐ Clear
- ☐ Cloudy
- ☐ Rain
- ☐ Snow
- ☐ Fog

Additional Notes on Environmental Factors

Write something...

Soil Moisture Level

- ☐ Dry
- ☐ Slightly Moist
- ☐ Moist
- ☐ Wet