



# Daily Crop Scouting Report (Specific Crop) Checklist

## Date & Location

Record the date and precise location of the scouting effort.

### Scouting Date

### Scouting Start Time

### GPS Coordinates (Optional)

 [Set My Current Location](#)



**Field Name/ID**

Write something...

**Block/Section (if applicable)**

Write something...

**Row/Aisle Number (if applicable)**

Write something...

## Weather Conditions

Note temperature, precipitation, humidity, wind speed, and any unusual weather.

**Date of Scouting**

Enter date...

**Time of Scouting**

**Temperature (°C/°F)**

Enter a number...

**Humidity (%)**

Enter a number...

### Wind Speed (km/h or mph)

Enter a number...

### Precipitation

- ☐ None
- ☐ Light Drizzle
- ☐ Moderate Rain
- ☐ Heavy Rain
- ☐ Snow

### Cloud Cover

- ☐ Clear
- ☐ Few Clouds
- ☐ Scattered Clouds
- ☐ Broken Clouds
- ☐ Overcast

## Overall Crop Health Assessment

A general impression of the crop's condition. Note any widespread issues.

### General Vigor Assessment

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

### Description of Overall Appearance

Write something...

### Percentage of Plants Exhibiting Stress (Estimate)

Enter a number...

### Leaf Coloration (if applicable)

- ☐ Normal Green
- ☐ Yellowing
- ☐ Purple
- ☐ Chlorotic Spots
- ☐ Other (Specify in Notes)

### Notable Abnormalities Observed

Write something...

### Stunting Observed?

- ☐ Yes
- ☐ No
- ☐ Slight

### Suspected Cause of Stress (Preliminary)

Write something...

## Pest Identification & Severity

Identify and assess the presence and severity of insect pests. Include count/area affected.

### Observed Pest Species (Check all that apply)

- ☐ Aphids
- ☐ Caterpillars
- ☐ Beetles
- ☐ Thrips
- ☐ Spider Mites
- ☐ Grasshoppers
- ☐ Wireworms
- ☐ Other (Specify in LONG\_TEXT)

### If 'Other' selected above, please specify:

Write something...

### Average Pest Count per Plant (or area)

Enter a number...

### Percentage of Plants Affected (%)

Enter a number...

### Severity Level

- ☐ Negligible
- ☐ Low
- ☐ Moderate
- ☐ High
- ☐ Critical

### Pest Damage Photos

 Upload File

### Detailed Pest Observations

Write something...

## Disease Identification & Severity

Identify and assess the presence and severity of diseases. Include count/area affected.

### Observed Diseases (Check all that apply)

- ☐ Early Blight
- ☐ Late Blight
- ☐ Downy Mildew
- ☐ Powdery Mildew
- ☐ Anthracnose
- ☐ Rust
- ☐ Bacterial Spot
- ☐ Fusarium Wilt
- ☐ Verticillium Wilt
- ☐ None Observed

### Disease Incidence (%)

Enter a number...

### Disease Severity (0-100)

Enter a number...

### Detailed Disease Description

Write something...

### Disease Photo(s)

 Upload File

### Disease Progression Rate

- ☐ Slow
- ☐ Moderate
- ☐ Rapid

### Notes on Disease Distribution

Write something...

## Weed Identification & Density

Identify and assess the presence and density of weeds. Note species and area affected.

### Dominant Weed Species Observed

- ☐ Broadleaf Pigweed
- ☐ Kochia
- ☐ Foxtail
- ☐ Lambsquarters
- ☐ Johnsongrass
- ☐ Other (Specify in LONG\_TEXT)

### Specify Other Weed Species (if 'Other' selected above)

Write something...

### Estimated Weed Density (Plants/sq meter)

Enter a number...

### Percent Ground Cover (%)

Enter a number...

### Weed Size/Growth Stage

- ☐ Seedling (1-4 inches)
- ☐ Young (4-12 inches)
- ☐ Mature (Over 12 inches)
- ☐ Flowering/Seeding



## Weed Distribution Notes

Write something...

# Nutrient Deficiencies (Visual Signs)

Note any visual symptoms suggesting nutrient deficiencies. Include location and description.

### Observed Nitrogen Deficiency?

- ☐ Yellowing of lower leaves
- ☐ Stunted growth
- ☐ Pale green color
- ☐ Delayed maturity
- ☐ None Observed

### Observed Phosphorus Deficiency?

- ☐ Purple coloration on stems and leaves
- ☐ Stunted root development
- ☐ Delayed maturity
- ☐ Poor tillering
- ☐ None Observed

### Observed Potassium Deficiency?

- ☐ Yellowing or browning of leaf margins
- ☐ Weak stems
- ☐ Reduced disease resistance
- ☐ None Observed

### Specific Area(s) Affected

Write something...

### Estimated % of Area Affected

Enter a number...

### Detailed Description of Symptoms

Write something...

### Location of Symptoms

 [Set My Current Location](#)



## Irrigation Assessment

Evaluate soil moisture levels and irrigation effectiveness.

### Soil Moisture (0-100 scale)

Enter a number...

### Irrigation System Status

- ☐ Operating Normally
- ☐ Malfunctioning
- ☐ Not Operating
- ☐ Partially Operating

### Water Pressure (PSI)

Enter a number...

### Run Time (Minutes)

Enter a number...

### Observations on Water Distribution

Write something...

### Soil Type

- ☐ Sandy
- ☐ Loamy
- ☐ Clay
- ☐ Silty
- ☐ Other

# Growth Stage

Record the current growth stage of the crop.

## Primary Growth Stage

- ☐ Emergence
- ☐ Vegetative (Early)
- ☐ Vegetative (Mid)
- ☐ Vegetative (Late)
- ☐ Flowering (Early)
- ☐ Flowering (Mid)
- ☐ Flowering (Late)
- ☐ Fruiting/Grain Fill
- ☐ Maturation
- ☐ Harvest

## Developmental Stage (Specific to Crop - e.g., BBCH Scale)

- ☐ BBCH 0: Germination
- ☐ BBCH 1: Leaf Development
- ☐ BBCH 2: Tillering
- ☐ BBCH 3: Stem Elongation
- ☐ BBCH 4: Flag Leaf Emergence
- ☐ BBCH 5: Inflorescence Emergence
- ☐ BBCH 6: Flowering
- ☐ BBCH 7: Grain Fill

## Number of Nodes with Flowers/Fruit (Sampled Area)

Enter a number...

### Detailed Description of Growth Stage Observations

Write something...

## Yield Potential Assessment

Preliminary assessment of potential yield, based on observations.

### Estimated Yield (Bushels/Acres or Equivalent)

Enter a number...

### Yield Trend Compared to Previous Scouting

- ☐ Higher
- ☐ Same
- ☐ Lower
- ☐ Uncertain

### Justification for Yield Estimate

Write something...

### Major Limiting Factors to Yield

- ☐ Pest Pressure
- ☐ Disease
- ☐ Weeds
- ☐ Nutrient Deficiency
- ☐ Water Stress
- ☐ None Identified
- ☐ Other

### Average Plant Height (inches)

Enter a number...

### Comments on Plant Health impacting Yield

Write something...

## Actionable Recommendations

List any recommended actions based on scouting findings (e.g., pesticide application, irrigation adjustments).

### Pesticide Application Recommended?

- ☐ Yes
- ☐ No
- ☐ Unsure

### Detailed Pesticide Application Instructions (if applicable)

Write something...

### Estimated Pesticide Application Rate (if applicable)

Enter a number...

### Irrigation Adjustment Needed?

- ☐ Yes - Increase
- ☐ Yes - Decrease
- ☐ No

### Details of Irrigation Adjustment (if applicable)

Write something...

### Fertilizer Application Recommended?

- ☐ Yes
- ☐ No
- ☐ Unsure

### Recommended Fertilizer Rate (lbs/acre or equivalent)

Enter a number...

### Notes on Weed Control Measures (if applicable)

Write something...

## Scouter Notes

Any other relevant observations or notes not covered in other sections.

### General Observations

Write something...

### Unusual Animal Activity?

Write something...

### Area of Highest Concern

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### Estimate of Affected Area (Acres/Hectares)

Enter a number...

### Further Investigation Needed?

Write something...

### Possible Contributing Factors (e.g., soil type, previous crop)

- ☐ Soil Type
- ☐ Previous Crop
- ☐ Drainage Issues
- ☐ Other

### Attach Photos (if applicable)

 Upload File