



Crop Growth Stage Tracking (BBCH Scale) Checklist

Crop & Field Identification

Essential information for accurate tracking and record-keeping.

Crop Type

- ☐ Wheat
- ☐ Corn
- ☐ Soybean
- ☐ Rice
- ☐ Potato
- ☐ Other (Specify)

Crop Variety/Cultivar

Field/Plot ID

Field Area (Hectares)

Planting Date

Enter date...

GPS Coordinates (Optional)

 Set My Current Location



Farmer/Observer Name

Write something...

Initial Conditions & Planting Details

Records key conditions at planting that can influence growth stage progression.

Planting Date

Enter date...

Seed/Seedling Density (plants/hectare or sq ft)

Enter a number...

Soil Temperature (°C) at Planting

Enter a number...

Soil Moisture Level (scale of 1-5, 1=Dry, 5=Saturated)

Enter a number...

Seed Variety/Cultivar

- ☐ Variety 1
- ☐ Variety 2
- ☐ Other (Specify in LONG_TEXT)

Specify Other Seed Variety/Cultivar (if selected)

Write something...

Planting Method

- ☐ Direct Seeding
- ☐ Transplanting
- ☐ Other (Specify in LONG_TEXT)

Specify Other Planting Method (if selected)

Write something...

Depth of Planting (cm)

Enter a number...

BBCH Stage Observations - Main Plant

Detailed observations of the primary plant's growth stages using the BBCH scale.

Observation Date

Enter date...

Plant Height (cm)

Enter a number...

BBCH Leaf Stage

- ☐ 0-5: Leaf Development
- ☐ 6-9: Tillering
- ☐ 10-12: Stem Extension
- ☐ 13-14: Flag Leaf Development
- ☐ 15-17: Inflorescence Emergence
- ☐ 18-19: Inflorescence Development
- ☐ 20-21: Flowering
- ☐ 22-25: Grain Filling
- ☐ 26-29: Maturity
- ☐ 30-39: Senescence

BBCH Stem Stage

- ☐ 0-5: Leaf Development
- ☐ 6-9: Tillering
- ☐ 10-12: Stem Extension
- ☐ 13-14: Flag Leaf Development
- ☐ 15-17: Inflorescence Emergence
- ☐ 18-19: Inflorescence Development
- ☐ 20-21: Flowering
- ☐ 22-25: Grain Filling
- ☐ 26-29: Maturity
- ☐ 30-39: Senescence

Detailed Observations (Leaf appearance, color, any abnormalities)

Write something...


Number of Tillers (if applicable)

Enter a number...

Notes on overall plant health

Write something...

Photo of Main Plant

 Upload File

BBCH Stage Observations - Secondary Structures (if applicable)

Tracking growth stages for stems, leaves, fruits/seeds, and roots – as relevant for the specific crop.

Stem Development (if applicable)

- ☐ BBCH 1 - Emergence
- ☐ BBCH 2 - First True Leaf
- ☐ BBCH 3 - Second True Leaf
- ☐ BBCH 5 - Syringing/Tillering
- ☐ BBCH 7 - Leaf Stage
- ☐ BBCH 9 - Inflorescence Emergence
- ☐ BBCH 11 - Flowering Begins
- ☐ BBCH 13 - Flowering Full
- ☐ BBCH 15 - Fructification Begins
- ☐ BBCH 17 - Fruit Development

Number of Nodes with Visible Buds (if applicable)

Enter a number...

Root Development (if applicable & observable)

- ☐ Not Observed
- ☐ Initial Root Development
- ☐ Root Growth Visible
- ☐ Significant Root Growth

Notes on Fruit/Seed Development (if applicable)

Write something...

Leaf Color & Health (Secondary Leaves)

- ☐ Healthy Green
- ☐ Slight Chlorosis
- ☐ Moderate Chlorosis
- ☐ Severe Chlorosis
- ☐ Necrotic Spots
- ☐ Wilting

Photo of Secondary Structures

 Upload File

Environmental Factors & Treatments

Record of environmental conditions and agricultural interventions that may impact growth stages.

Date of Observation

Enter date...

Average Daily Temperature (°C)

Enter a number...

Cumulative Growing Degree Days (GDD)

Enter a number...

Rainfall (mm)

- ☐ None
- ☐ Light (0-5mm)
- ☐ Moderate (5-15mm)
- ☐ Heavy (>15mm)

Pest/Disease Pressure

- ☐ None
- ☐ Low
- ☐ Moderate
- ☐ High
- ☐ Specific Pest (specify in LONG_TEXT)

Pest/Disease Details (if applicable)

Write something...

Fertilizer Application

- ☐ None
- ☐ Nitrogen
- ☐ Phosphorus
- ☐ Potassium
- ☐ Micronutrients

Fertilizer Details (type, rate, application method)

Write something...

Irrigation Status

- ☐ Not Irrigated
- ☐ Irrigated - Drip
- ☐ Irrigated - Sprinkler
- ☐ Irrigated - Flood


Irrigation Amount (liters/plant)

Enter a number...

Photos & Notes

Visual documentation and any additional notes about plant health and development.

Overall Plant Health Photo

 Upload File

Detailed Observations/Notes (e.g., disease symptoms, unusual growth)

Write something...

Approximate Plant Height (cm/inches)

Enter a number...

Date of Photo/Notes

Enter date...

Specific Observations Regarding Leaf Color/Appearance

Write something...

Potential Issues Observed (select all that apply)

- ☐ Disease
- ☐ Pest Infestation
- ☐ Nutrient Deficiency
- ☐ Water Stress
- ☐ None Observed