



Field Corn Stand Counts

20-Minute Field Activity / Laboratory Worksheet

Name: _____ Date: _____ Team: _____

Field Method: For 30-inch rows, measure 17 feet 5 inches of row. Count all living corn plants in that distance. Repeat at four locations.

Plants counted x 1,000 = estimated plants/acre **Use multiple stand counts for a more accurate result.**

Stand Count Investigation

Location	Plants Counted	Plant Stage	Missing Plants	Uneven Emergence	Insect Damage	Disease Symptoms / Notes
1						
2						
3						
4						

Calculations

Total plants counted in 4 locations	_____
Average stand count (total / 4)	_____
Estimated plant population per acre (average x 1,000)	_____

Field Condition Evaluation

Based on your stand counts and field observations, select one: ☐ Excellent ☐ Acceptable ☐ Needs Monitoring ☐ Potential

Observations and evidence for your classification: _____

Team Discussion

1. Was plant population consistent across the four locations? What evidence supports your answer?

2. What factors may have affected emergence or plant health?

3. Based on the evidence collected, would you recommend considering replanting? Explain why or why not.
