



Sweetcorn Scouting Form

Farm/Grower: _____ Scout: _____

Field Name: _____ Date: _____

Crop/Cultivar: _____ Block: _____

Crop Stage (circle): seedling: ≤ 3 leaves whorl tassel fresh silk dry silk

Procedure: A minimum of five locations (25 plants) must be sampled before a decision can be made. These should cover at least half the field. A maximum of 105 plants is needed to make a decision. Walk through the block or field in a U or V shaped pattern. At randomly spaced locations (25 steps for example) sample five consecutive plants. If you are sampling tassels before silking, pull the whole tassel free from the plant.

Use the "Sweet Corn Insect Management Field Scouting Guide" to determine scouting procedure for each insect below.

European Corn Borer (ECB): Scout in pre-silking corn.

ECB Trap Capture: Begin monitoring ECB with traps when corn is silking. Record number of moths per trap and replace lure if necessary.

Fall Army Worm (FAW): Scout in pre-silking corn.

FAW Trap Capture: Begin monitoring FAW in July. Record number of FAW and replace lure if necessary.

Total = ECB + FAW

Sap Beetles (SAP): Scout only in silking corn. Inspect the silk area at the tip of 20 ears at each of five sites and determine the percent of ears infested with adults, eggs, or larvae.

Corn Leaf Aphid (CLA): Scout at all stages of corn, but will infest tassel first. Predators usually present.

Other Pests/Beneficials/Diseases: Make note of any of these seen on 5 plants being scouted. Identify if possible.

Northern Corn Leaf Blight (NCLB): Submit sample for analysis if suspected.

Corn Earworm (CEW) Trap Capture: Begin monitoring CEW with traps when corn is silking.

# of plants	Record # of plants out of 5 with damage			Threshold = 15%		Record # of plants out of 5 with damage		Other Pests Weeds/Beneficials/Diseases (incl. NCLB)
	ECB	FAW	Total	No treat if <	Treat if >	SAP	CLA	
5				nd	nd			
10				nd	nd			
15				nd	nd			
20				nd	nd			
25				nd	7			
30				1	8			
35				1	9			
40				2	9			
45				3	10			
50				4	11			
55				4	12			
60				5	12			
65				6	13			
70				7	14			
75				7	15			
80				8	15			
85				9	16			
90				9	17			
95				10	17			
100				11	18			
105				16	16			

	ECB Z1	ECB EII	FAW	CEW (1)	CEW (2)	Scouting Map
Trap Counts						
New Lures?						
New trap location:						