



Cucurbit Scouting Form

Farm/Grower: _____ Scout: _____

Field Name: _____ Date: _____

Crop/Cultivar: _____ Block: _____

Crop Stage (circle) Cotyledon < 5 leaf > 5 leaf Bloom Fruit Set Harvest

Record Average Fruit Size (length x width): _____

Squash Vine Borer (SVB) Traps: *Set out end of May.* Record Trap count: _____

Procedure: Select plants, leaves or vines at random by using the same # of paces between plants to cover a field or block **Early:** check whole plant until > 5 leaf stage. **Late (vining):** Inspect 5 leaves per site. Flip over leaves. Observe 1 plant crown and fruit per site.

Striped cucumber beetle (SCB): Late May early June through 5 leaf stage. Count # adults per plant. **Threshold:** 1-2 per plant before 5 leaf stage (1=cuke, ss; 2= winter sq, pump)

SCB Injury: Record % defoliation, feeding on crown/stems

SCB Bacterial Wilt: note presence of symptoms **1** = present **0** = absent

Aphid: Include in late scouting. Record # leaves w >5 aphids. **Threshold**>20% of leaves w >5 aphids and numbers are increasing.

Squash bug Early: Record **A** = adults, **E** = egg masses. **Late:** Record **N** = nymphs.

Threshold: None set for adults or nymphs (check other states) Veg Guide: 1 egg mass/plant, target nymphs

Disease: Record presence of **CDM** = Cucurbit Downy Mildew **BLS** = Bacterial leafspot **BR** = black rot/gummy stem blight, **SC** = scab, **PL** = Plectosporium. **PM** = Powdery Mildew (select older leaves to scout. At first lesion observed in field, initiate PM sprays.) Note if Disease sample taken for ID.

Other Pests/Beneficials/ Weeds: Make note of any of these seen on a plant being scouted. Identify if possible.

Look for squash beetle! Looks just like Mexican bean beetle.

Plant	Striped Cucumber Beetle			Aphid # leaves w/ > 5	Squash Bug #(A, E, N)	Disease (CDM, BR, SC, PL, PM)	Other Pests/Beneficials/Weeds
	# Adults/plant	% Injury	Wilt				
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
TOTAL							
AVG							
%							

Notes:

Scout map: