



### 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							
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16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
TOTAL							
AVG							
%							

Notes:

Scout map: