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.

<table>
<thead>
<tr>
<th>Plant</th>
<th>Striped Cucumber Beetle</th>
<th>Aphid</th>
<th>Squash Bug</th>
<th>Disease</th>
<th>Other Pests/Beneficials/Weeds</th>
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<tbody>
<tr>
<td></td>
<td># Adults/plant</td>
<td>% Injury</td>
<td>Wilt</td>
<td># leaves w/ &gt;5</td>
<td>(A, E, N)</td>
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Notes: ___________________________ Scout map: ___________________________