



**Emergence to Four Leaf Stage** (Three weeks after planting)

Weeds	Sampling	Frequency	Threshold	
<b>Zero Tolerance Weeds (ZTW) = Nightshades, Horsenettle, Yellow Nutsedge, Morning Glory, Jimsonweed, Common Cocklebur, Canada Thistle, Common Milkweed, Hemp Dogbane, Bindweed spp., Johnsongrass, Bermudagrass, Quackgrass</b>	In a zigzag pattern, scout 1 sq. yd. in 5 random locations and 10 ft. of row in another 5 random locations. Identify and count # of each weed species. Map location of zero tolerance weeds. Determine whether weeds are predominantly within the row or between rows.	Once, approximately 3 weeks after planting.	<b># weeds/10 ft. row or 1 sq. yd.</b> ZTW: Presence Summer annuals: < 0.25 weed 0.25 - 1 weed > 1 weed	<b>Action</b> Control required. None Control may be required. Control required
<b>Summer Annuals</b>			Whether weeds are within the row or between the row determines if cultivation will be an effective control.	
<b>All Weeds</b>	Same as above.	1 week after control measures are implemented from the 3 week scouting.	This information is used to evaluate how well controls worked.	

**Five to Six Weeks after Planting**

Weeds	Sampling	Frequency	Threshold	
<b>Zero Tolerance Weeds</b> <b>Summer Annuals</b>	In a zigzag pattern, scout 1 sq. yd. in 5 random locations and 10 ft. of row in 5 random locations. Identify and count # of each weed species. Map location of zero tolerance weeds. Determine whether weeds are predominantly within the row or between rows.	Once, approximately 5 -6 weeks after planting.	<b># weeds/10 ft. row or 1 sq. yd.</b> Zero Tolerance Weeds: Presence Summer annuals: < 0.25 weed 0.25 - 1 weed > 1 weed	<b>Action</b> Control required. None Control may be required. Control required

**Pre-Harvest**

Weeds	Sampling	Frequency	Threshold	Notes
<b>Perennial or Zero Tolerance Weeds</b> (see list above) <b>Annuals</b>	Scout one square yard in 5 random locations and 10 ft. of row in another 5 random locations in the field. Map location of perennial weeds.	Once, prior to harvest.	presence	Use this scouting information to determine if there are weeds present that will interfere with harvest. Use the information about perennial weeds to plan a cleanup program after squash harvest.

\*Bolted numbers in parenthesis indicate sources of additional information found in the Mid-Atlantic IPM database by this special reference number.

Scouting procedures, thresholds, and crop management recommendations have been compiled from a number of sources and may not be valid for all areas within the Mid-Atlantic Region. They are meant to be used as guidelines. As such, they should be validated on small acreages before relying on them. No guarantee of their validity, success, or failure to perform in the field is implied or expressed. Consult your local Cooperative Extension Agent for additional information or assistance.