

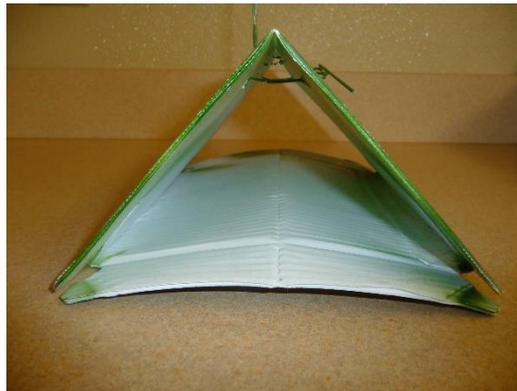
Wheat Midge Monitoring Instructions

Trap assembly:

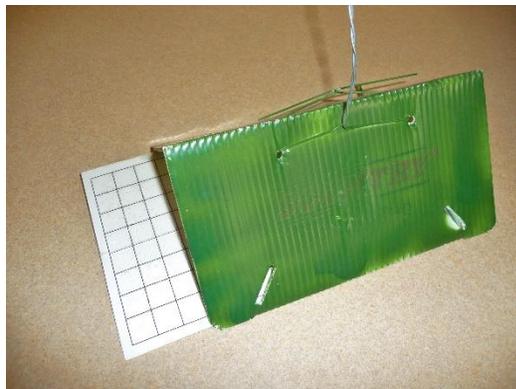
Trap includes a Scentry LP Delta Trap, 2 sticky bottom boards, a pheromone septum/lure and a fence post. **Painting traps green will reduce the amount of by-catch.**



1. Open the LP Delta Trap and extend the wire hanger. In order to reduce non-target by-catch we recommend the LP Delta trap be painted green.



2. Fold one end up and slide tabs through slits in side walls. Pull the sticky boards apart and slide one (sticky side up) part way into the trap. Store the second sticky board by folding in half and storing in a safe place until needed as a replacement.



3. Open the PB Wheat Midge foil package. We recommend wearing gloves when handling the lure or using forceps to place it on the sticky board. This is primarily to avoid contaminating the lure as well as for your protection. Carefully place the lure on its side in the middle of the sticky board. Slide sticky board all the way into trap and fold up the remaining side.



4. Attach wire to the fence post. Make sure the trap is just above the canopy. The trap height may need to be adjusted throughout the monitoring period.
5. When traps are removed from the field, please dispose of the sticky board and pheromone. Clean the delta trap and store for next year. The pheromone will penetrate the delta trap and therefore it is important to only reuse it with the same type of pheromone lure next year.

Trap Placement:

1. Traps should be placed in fields around June 10th.
2. Place traps 75 feet from the field edge and if there is more than one trap in a field, keep the traps a minimum of 300 feet apart.
3. Make sure that the base of the trap is just above the height of the spring wheat canopy.

Monitoring the Trap:

1. Check the traps daily or every other day and count the number of captured male midge. If positive identification is needed please send photos to emails provided in contact section. To count the midge, open one side of the delta house and slide the sticky bottom board out. It may be helpful to physically squish the midge as you count so you do not have to recount the same midge day after day or replace the sticky board.
2. **Counting the Midge:**
When recording and reporting midge numbers it is important to remember to report the **NEW** number of midge. For example the first time midge appear in the delta trap there are 4. Four is the number reported for that day. Then the next day when the trap is check there are 10 the total reported for day two would be 6 ($10 - 4 = 6$).



3. Report midge numbers at the MSU Pest Management Network website: <http://pestweb.montana.edu>.
4. Adjust the trap height as necessary to keep it just above the crop canopy.

For more information please read the MontGuide: "Orange Wheat Blossom Midge"
Available from MSU Extension: <http://store.msuextension.org/>

For questions or supplies please contact:

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