

Grain Insect Monitoring with a W.B. Probe II® Trap

GENERAL INFORMATION

The STORGARD® WB Probe II® was developed using new innovative ideas for grain insect monitoring programs. The WB Probe II is the fastest, easiest and most cost-effective insect trap for crawling insects.

TRAP DESIGN

The STORGARD WB Probe II is made of tough, long-lasting, perforated plastic designed for easy insertion into the grain mass. The tip of the 17-inch probe is the reservoir for insect collection, identification and counting.

INSECT ATTRACTANTS

STORGARD WB Probe II traps can be used effectively with or without pheromones or food attractants. However, pheromones and/or food attractants can improve capture efficiency.

TRAP PLACEMENT

Round bins - for best results, use five WB Probe II traps for bins up to 20 feet in diameter. Place one trap in the center and one trap in each quadrant of the bin. More traps may be needed for larger bins or if more specific monitoring is preferred. The probe traps can be utilized for insect monitoring at any or all levels of the grain mass.

Flat storage - place one probe trap in the center of the grain mass and additional traps at six to eight foot intervals.

MONITORING PROGRAM

Program initiation - check the WB Probe II traps within 24 hours of placement to detect the presence of crawling insects.

Continual program - check the WB Probe II traps once a week during periods when insects are active and once or twice a month during less active periods.

It is very important to keep records of the data collected during your monitoring program.

TRAP INTERPRETATION

If two or more of any insect species are caught in the first 24 hours, there is the potential of a treatable population. Recheck the traps at least every week for four to six weeks. If the number of insects increases, a control measure should be used.

FINAL NOTE

Develop a workable monitoring program with STORGARD WB Probe II and reduce the potential for loss of grain quality.

WB Probe II Use/Assembly Instructions

- * To examine insect samples, remove reservoir end by unscrewing it.
- * Separate out insects, identify and count each species. **NOTE:** If several insects are found, it may be best to dump these into a white pan for containment and visual enhancement.
- * To replace reservoir, simply screw it back onto the tube body.
- * Pheromone lure(s) when used may be pushed firmly onto designated extensions found in the tube cap.

