

Fall Armyworm (FAW) on Maize

Spodoptera frugiperda
Botswana

Fall Armyworm egg mass
(Desiree van Heerden, Syngenta)

Fall Armyworm caterpillar. Look for the inverted 'Y' on the head or the cluster of four dots on the rear
(Russ Ottens, University of Georgia, Bugwood.org)


Damage to leaf, resulting in a "window pane" (Phil Sloderbeck, Kansas State University, Department of Entomology)

Scouting Form

| Planting Date: | District: | | | | | Location: | | | | | Your name: | | | | | | | | | | |
|--|--|---|---|---|---|-----------|---|---|---|---|------------|---|-----|---|---|---|---|---|---|-----|---|
| | Week 1 | | | | | Week 2 | | | | | Week 3 | | | | | | | | | | |
| Sampling Date | | | | | | | | | | | | | | | | | | | | | |
| Maize Growth Stage: | | | | | | | | | | | | | | | | | | | | | |
| Dates of rainfall/intensity: | | | | | | | | | | | | | | | | | | | | | |
| Insecticides Applied/Rates/Dates: | | | | | | | | | | | | | | | | | | | | | |
| Pheromone Trap Data | Raise the trap as the maize grows taller. Keep the bottom of the trap 30 cm above the plants. | | | | | | | | | | | | | | | | | | | | |
| Number of FAW moths: | | | | | | | | | | | | | | | | | | | | | |
| Number of AAW moths: | | | | | | | | | | | | | | | | | | | | | |
| Early Whorl Stage (VE-V6) | Examine two to three (2-3) newest leaves emerging from the whorl. | | | | | | | | | | | | | | | | | | | | |
| Five Stops | 1 | 2 | 3 | 4 | 5 | Sum | % | 1 | 2 | 3 | 4 | 5 | Sum | % | 1 | 2 | 3 | 4 | 5 | Sum | % |
| #Plants with fresh window panes/Total | | | | | | | | | | | | | | | | | | | | | |
| #Plants with infested whorls/ | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | |
| Late Whorl Stage (V7-VT) | Examine three to four (3-4) newest leaves emerging from the whorl plus the emerging tassel. | | | | | | | | | | | | | | | | | | | | |
| Five Stops | 1 | 2 | 3 | 4 | 5 | Sum | % | 1 | 2 | 3 | 4 | 5 | Sum | % | 1 | 2 | 3 | 4 | 5 | Sum | % |
| #Plants with fresh window panes/Total | | | | | | | | | | | | | | | | | | | | | |
| #Plants with infested whorls/ | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | |
| Tassel & Silk Stage (R1-R3) | Examine ear(s) plus leaves and leaf axils at, above, and below the ears. | | | | | | | | | | | | | | | | | | | | |
| Five Stops | 1 | 2 | 3 | 4 | 5 | Sum | % | 1 | 2 | 3 | 4 | 5 | Sum | % | 1 | 2 | 3 | 4 | 5 | Sum | % |
| #Plants with any fresh damage/Total | | | | | | | | | | | | | | | | | | | | | |
| #Plants with worms/ | | | | | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | | | | | |
| #Plants with damaged ear/cob/Total | | | | | | | | | | | | | | | | | | | | | |