



“Printable information on Banded Sunflower Moth including scouting strategies and thresholds available at <http://www.ag.ndsu.edu/pubs/plantsci/pests/e823.pdf> .”

Manitoba Sunflower Crop Report 10

Crop Stage

Insects

Diseases

Current Crop Limiting Factors

Scouting Images

R-2 to R-5, R-5 has substages which indicate % of head area that is flowering. i.e. R-5.6 = 60% flowering. Hot weather expected this week will help out crops behind in staging.

Plant bug nymphs are the main insect being found in sunflower heads. The nymphs are either those of lygus or the black plant bug. The small black plant bugs are being found at high levels in many fields this year. They are not lygus bugs and unfortunately their role is not well understood. Adult lygus are being found in fields as well, but only a few have been found to have economical levels.

Cumulative Banded Sunflower Moth trap counts range from 6-203, with highest trap counts near Waskada and Souris. The traps have been out for 6 weeks. However, this time last year a trap near Carman collected 753 banded sunflower moths. Visit <http://www.gov.mb.ca/agriculture/crops/miu/index.html> for exact trap counts listed in the Manitoba Insect Update by John Gavloski (MAFRI).

Banded Sunflower Moth and Lygus are main target of most spraying operations this season.

Sunflower maggot pupa are being found buried in the head of flowering plants. Economical damage has not been observed with this insect.

Sclerotinia wilt being found in the majority of fields across the province. Some mid stalk rot has also been observed. A light brown infection is visible on the middle leaves and stem which will usually lead to lodging. Infections observed appear to have started in the leaf and progressed down petiole to stem.

Continue monitoring for rust infection on upper leaves prior to flowering. Headline® is registered.

None or Time (growing season length for later seeded crops).



Crop Stage R-5.2 (~ 20% flowering)



Banded Sunflower Moth

Source: www.gov.mb.ca/agriculture/crops/insects



Mid Stalk Rot