

## 2022 Luckhoff false armyworm (*Leucania loreyi*) moth traps

Shaded green blocks indicate the mean planting time, while the shaded yellow blocks indicate the harvesting time.

The shaded red block indicates the critical period for moth activity which could cause damaging larval populations.

- First graph indicates the original data received from the farmers.
- The second graph indicates the mean number of moths (red line), while the dark blue arrows indicate the life cycles as forecasted by the long-term average mean daily temperatures. Life cycles based on actual temperature for 2022 are indicated by light blue arrows where they differ from the long-term data.
- A third graph shows the mean number of moths as well as the mean temperature and rainfall per week. Dry periods

### 7 November 2022 - WARNING:

2022 weather patterns differed from the long-term mean. Available data shows false army worm life cycles **lengthened during winter** and **shortened during spring** (middle graph). False army worm moth numbers are moderate. **However, please scout fields for the presence of false armyworm larvae. Increasing moth numbers were recorded during the past two weeks indicating a potential outbreak. Additionally, a dry spell from week 40-43 (October) may have caused false army worm moth to lay eggs in pivots.**

