

**Group ID: 9c442b31**

Your dataset is available at

<https://webwork.collegeofidaho.edu/MAT150Resources/budworm-9c442b31.csv>

Note also that

1. Forest service entomology crews reported about 3000 budworm larvae per square meter on May 1.
2. The critical threshold for forest destruction is 120,000 budworm larvae per square meter.
3. The pesticide is only effective if it is applied before the population growth rate ever exceeds 85% of its maximum. Otherwise, budworm reproduction is too quick and the infestation will persist.