|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Data:**  The following is a **table of contents** for our seven data pages:  Data 1: First Data Collection- Oat, Alfalfa, Soy  [Data 2](http://docs.google.com/data2.html): First Data Collection- Wheat  [Data 3](http://docs.google.com/data3.html): Second Data Collection- Oat, Alfalfa, Soy  [Data 4](http://docs.google.com/data4.html): Second Data Collection- Wheat  [Data 5](http://docs.google.com/data5.html): Final Data Collection for Oat and Wheat  [Data 6](http://docs.google.com/data6.html): Final Data Collection for Alfalfa and Statistical Tests  [Data 7](http://docs.google.com/data7.html): Graphs  The following data is the first time period's data collection for the soy bean, oat, and alfalfa plants under all three conditions.  Plant Light (4/12-4/15):   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | L/P/N | Number of Sprouts |  | Height of Tallest Sprout |  |  |  | |  |  |  | 4/12/01 | 4/13/01 | 4/14/01 | 4/15/01 | | PS10 | 1 |  | small sprout | small sprout | small sprout | small sprout | | PS19 | 1 |  | small sprout | small sprout | small sprout | small sprout | | PAall | LOTS |  | 2 | 2 | 2 | 2 | | PO4 | 1 | 2 (4/15) | 1 | 2 | 3.625 | 4.25 | | PO5 | 2 | 3 (4/20) | 3.5 | 4.375 | 4.9375 | 5.875 | | PO6 | 2 |  | 4.625 | 5.25 | 5.625 | 6.1875 | | PO7 | 1 |  | 2.625 | 3.5 | 5.125 | 6.1875 | | PO8 | 3 |  | 3.625 | 4.5 | 5.0625 | 5.9375 | | PO9 | 1 |  | .5 | 1 | 2.0625 | 2.875 | | PO10 | 3 | 4 (4/15) | 4 | 5.25 | 6.375 | 7.25 | | PO11 | 1 |  | 3.75 | 5.125 | 5.8125 | 6.75 | | PO12 | 1 |  | .5 | .875 | 1.75 | 2.9375 | | PO13 | 1 |  | 3 | 3.75 | 4.375 | 5.3125 | | PO14 | 2 |  | 3.5 | 4.375 | 5.6875 | 6.5625 | | PO15 | 2 | 4 (4/20) | 3.5 | 4.375 | 4.75 | 5.9375 | | PO16 | 3 | 4 (4/20) | 4.5 | 5.5 | 6 | 7.5 | | PO17 | 2 |  | NA | .125 | .75 | 1.625 | | PO18 | 1 | 2 (4/20) | 3 | 4 | 5.0625 | 5.75 | | PO19 | 1 | 2 (4/20) | 4 | 5 | 6.625 | 7.25 | | PO20 | 1 |  | 2.5 | 3.125 | 3.75 | 4.8125 | | PO22 | 1 |  | 2 | 2.875 | 3.4375 | 4.75 | | PO23 | 1 | 2 (4/15) | 3.25 | 4.375 | 4.9375 | 5.875 | | PO24 | 1 | 2 (4/15) | 4.5 | 5.375 | 6 | 7.125 |   Fluorescent Light (4/12 - 4/15):   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | L/P/N | Number of Sprouts |  | Height of Tallest Sprout |  |  |  | |  |  |  | 4/12 | 4/13 | 4/14 | 4/15 | | FS18 | 1 |  | 1.25 | 1.75 | 2.0625 | 2.375 | | FAall | LOTS |  | 2 | 2 | 2 | 2 | | FO1 | 2 |  | 2.75 | 3.75 | 4.625 | 5.5 | | FO3 | 2 |  | 4 | 5.25 | 5.6875 | 6.25 | | FO4 | 1 |  | 3.5 | 4.25 | 5 | 5.875 | | FO5 | 1 |  | 4 | 5 | 6.25 | 6.875 | | FO6 | 1 |  | 4.5 | 5.1875 | 6.125 | 6.75 | | FO7 | 2 |  | 3 | 4 | 5.0625 | 6.125 | | FO8 | 1 |  | 4.25 | 5 | 5.75 | 6.1875 | | FO9 | 2 | 4 (4/15) | 3 | 4 | 5.125 | 5.75 | | FO10 | 2 |  | 4 | 5.125 | 5.6875 | 6.75 | | FO11 | 3 |  | 4.5 | 5.25 | 5.625 | 6.25 | | FO12 | 2 |  | 2.25 | 3.125 | 3.9375 | 4.75 | | FO13 | 1 |  | 4.375 | 5.25 | 5.8125 | 6.125 | | FO15 | 1 | (4/16) | NA | NA | NA | NA | | FO16 | 3 |  | 3.75 | 4.875 | 5.5 | 6.375 | | FO17 | 1 |  | .75 | 1 | 1.625 | 2.25 | | FO18 | 1 |  | 4 | 4.5 | 4.9375 | 5.5 | | FO19 | 2 |  | 3.75 | 4.625 | 5.125 | 5.75 | | FO20 | 1 | (4/20) | NA | NA | NA | NA | | FO21 | 2 |  | 3.75 | 4.75 | 5.3125 | 6.5 | | FO22 | 1 | 2 (4/15) | 4.5 | 5.625 | 6 | 6.375 | | FO23 | 3 |  | 3.625 | 4.75 | 5.4375 | 6.125 | | FO24 | 1 |  | 4.25 | 5.25 | 5.625 | 6.25 |   Saran Wrap Light (4/12 - 4/15):   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | L/P/N | Number of Sprouts |  | Height of Tallest Sprout |  |  |  | |  |  |  | 4/12 | 4/13 | 4/14 | 4/15 | | SS16 | 1 |  | 3.25 | 4 | 4.625 | 5.375 | | SS19 | 1 |  | slight growth | brown sprout | dead | dead | | SS22 | 1 |  | slight growth | green sprout | .125 | .5 | | SAall | lots |  | 2 | 2 | 2 | 2 | | SO1 | 1 |  | 3 | 4 | 5.5 | 6.25 | | SO2 | 2 | 3 (4/17) | 2.5 | 3 | 4.625 | 5.5 | | SO5 | 2 |  | 4.5 | 5.25 | 5.875 | 6.875 | | SO6 | 2 |  | 4 | 5 | 5.9375 | 7 | | SO7 | 2 |  | 2.25 | 2.625 | 3.125 | 3.75 | | SO8 | 1 |  | 2.5 | 3.625 | 4.6875 | 5.875 | | SO9 | 3 | 4 (4/16) | 4 | 2.625 | 5.25 | 6.125 | | SO10 | 1 | 2 (4/16) | 2.5 | 3.125 | 4.375 | 5.5 | | SO11 | 1 |  | 2.75 | 3.5 | 4.1875 | 5.875 | | SO13 | 1 |  | 3.5 | 4.625 | 5.4375 | 6.25 | | SO14 | 1 |  | 3.375 | 4.0625 | 5 | 5.4375 | | SO15 | 1 | (4/15) | NA | NA | NA | .625 | | SO16 | 1 |  | 4 | 4.625 | 5.875 | 6.25 | | SO17 | 3 |  | 4.25 | 5.1875 | 5.75 | 6.5 | | SO18 | 2 |  | 2.875 | 3.75 | 4.5 | 5.25 | | SO20 | 1 |  | 3 | 3.75 | 4.125 | 5.375 | | SO21 | 1 |  | 3.875 | 4.75 | 5.0625 | 6.5 | | SO23 | 1 |  | 2.75 | 3.25 | 4.25 | 5 | | SO24 | 2 | 3 (4/19) | 2.75 | 3.625 | 4.375 | 5.875 |   [(Data 2)](http://docs.google.com/data2.html)  [[Home](http://docs.google.com/home.html)][[Introduction](http://docs.google.com/introduction.html)][[Hypothesis](http://docs.google.com/hypothesis.html)][[Procedure](http://docs.google.com/procedure.html)][[Data](http://docs.google.com/data.html)][[Conclusions](http://docs.google.com/conclusions.html)][[Bilio/Links](http://docs.google.com/biblio.html)]  [[2001 Projects](http://docs.google.com/index.html)][[2000 Projects](http://docs.google.com/AP2000/index.html)][[1999 Projects](http://docs.google.com/AP99/index.html)][[1998 Projects](http://docs.google.com/AP98/index.html)] |