**How To Calculate Summary Statistics for Forest Stand**

Overstory Dominate Tree Species

* Using the output results from each plot, what is the dominate tree species of the forest stand, how many plots have that as dominant tree species, and what percent of plots have that as dominate tree species.
* For example, if the forest stand has 10 plots in it, then you would use the output from the 10 plots to calculate this for the forest stand.
* Example:

|  |  |  |  |
| --- | --- | --- | --- |
| *Plot Output Within Forest Stand A*  *(Individual Plot Results Below)* | *Forest Stand Statistics* | | |
| *Dominant Species* | *No. Plots with that Spp as Dom.* | *% Plots with that Species as Dom* |
| Douglas fir (60%) | Douglas Fir | 8 | 80% |
| Douglas fir (88.89%) |
| Douglas fir (62.50%) |
| Ponderosa pine (75%) |
| Douglas fir (83.33%) |
| Ponderosa pine (71.43%) |
| Douglas fir (100%) |
| Douglas fir (92.85) |
| Douglas fir (94.44%) |
| Colorado pinyon (100%) |

Average Basal Area, DBH, height

* Average the average value found for plots within a forest stand. So, average the averages.

Regeneration Presence, Insect Damage Presence, Browse Presence

* REGEN:How many plots in a stand, have regeneration present? Answer this by showing the number of plots and percent of plots within a stand that have regeneration present
* INSECT: How many plots in a stand, have insect damage present? Answer this by showing the number of plots and percent of plots within a stand that have insect damage present
* BROWSE: How many plots in a stand, have browse present? Answer this by showing the number of plots and percent of plots within a stand that have browse present.

Seedlings/Acre

* Average of average # of seedlings/acre for plots within a forest stand. Average the averages!

All Damage Present

* List of all of the types of damage present within the forest stand