Introduction:
- Colligere Farm Management is a company that specializes in vineyard and orchard management.
- The company was established in the year 2000 and has strived to be one of the most prominent farm management companies in the area.
- Colligere Farm Management is located in the heart of San Joaquin County, but manages different vineyards and orchards in Sacramento County, Yolo County, Napa County, and more.

Responsibilities Performed:
- At Colligere Farm Management I had many tasks and responsibilities, my biggest being harvest estimates.
- Beginning in early May I went through every block at each site and would count the number of clusters per five vines.
- The total from the counts can be simplified to give an average of clusters per vine.
- With the average number of cluster per vine you can use this equation:
  \[ \frac{(PV \times CV \times CW)}{2000 \text{ lb ton}} \]
  - PV = Producing vines per acre
  - CV = Number of clusters per vine
  - CW = Average cluster weight of variety
- This equation will give you the tonnage estimates per acre of any vineyard.
- Throughout the growth cycle I monitored the level of seed hardness, notified officials when lag phase had begun, and when veraison began.
- Once clusters had full color change is when I began base line sugar readings, which would consist of:
  - Acquiring 10 clusters per site
  - Weighing the clusters to get an average cluster weight
  - Using a juicer to aquire juice from clusters
  - Using a refractometer to read sugar levels
- After taking every base line sugar reading from each vineyard I would export the data to an excel spreadsheet to send to my employers.

Summary:
This internship this summer has helped me greatly and opened my eyes to what my career is like in the agriculture industry. The knowledge I have gained this summer about managing a vineyard, estimating harvest numbers, managing people, and overall effort and commitment will help me grow in my career. The conclusion of this summer internship means that the beginning of next summer I will be hunting for a job in my career and I can not wait to get started!