SAN JOSE, Calif., Aug. 28 (AP)—The United Farm Workers Organizing Committee, headed by Cesar Chavez, has won a three-year contract that will raise wages to $2.75 an hour for workers in vineyards of the Paul Masson Wine Company.

The grape pickers and soil tenders in the Santa Clara and Monterey County vineyards now receive an average of $1.80 an hour.

Masson also agreed yesterday to contribute 10 cents an hour to finance health benefits. In addition, workers will receive paid vacations and three paid holidays a year.

All workers hired by Masson will be required to join the union within 10 days of their starting employment.