

Calibration Worksheet

An injector pump is installed on a drip irrigation system at a vineyard. The irrigation system is made up of 2, 1 GPH Drip Emitters per vine with an average of 700 vines per acre. The grower wants to apply a chemical for control of root rot. The product label has an application rate of 15.3 fl. Oz per Acre for a single application or 7.6 Fl. Oz per Acre for a split application.

If the grower wants to apply a single application during a one 1-hour irrigation event, what calibration rate should the grower set the injector pump for (per acre)?

- 1) In ounces per hour
- 2) In ounce per minute
- 3) In milliliters per hour
- 4) In milliliters per minute

If the grower wants to split the application during a two 1-hour irrigation events, what calibration rate should the grower set the injector pump for (per acre)?

- 5) In ounces per hour
- 6) In ounces per minute
- 7) In milliliters per hour
- 8) In milliliters per minute