

## Calculating Injection Rates

A grower wants to inject chlorine at a concentration of 2 ppm through a drip irrigation system to treat biological clogging. The vineyard irrigation system has 400 vines with two, 1 GPH emitters per vine. Using a bleach product that has a chlorine content of 8.25%, what is the injection rate?

Another grower is having trouble with mineral build up and clogging of his drip emitters. He wants to inject 35% Hydrochloric Acid at a concentration of 0.6%. The irrigation system has a flow rate of 20 gallons per minute. What is the acid injection rate in GPH? What is the rate in GPM? In ml per minute?