

Reading Manufacturers Performance Data Maximum Length of Run

Using the Netafim Performance Charts in the handouts, answer the following questions

1. Drip Tubing Product is being installed in an area 20 ft x 10 ft. The inlet pressure is 25PSI and you are using a 12" product.
 - a) What is the maximum length of run that can be installed per station if the product has an emitter flow of .26 GPH?

 - b) What is the maximum length of run that can be installed per station if the product has an emitter flow of .4 GPH?

 - c) What is the maximum length of run that can be installed per station if the product has an emitter flow of .9 GPH?

2. If the inlet pressure is increased to 45PSI and you are using a 12" product.
 - a) What is the maximum length of run that can be installed per station if the product has an emitter flow of .26 GPH?

 - b) What is the maximum length of run that can be installed per station if the product has an emitter flow of .4 GPH?

 - c) What is the maximum length of run that can be installed per station if the product has an emitter flow of .9 GPH?

Using the Toro Performance Charts in the handouts, answer the following questions

3. Drip Tubing Product is being installed in an area 10 ft x 30 ft. The inlet pressure is 15PSI and you are using an 18" product.

a) What is the maximum length of run that can be installed per station if the product has an emitter flow of .53 GPH?

b) What is the maximum length of run that can be installed per station if the product has an emitter flow of 1.0 GPH?

4. If the inlet pressure is increased to 30PSI and you are using an 18" product.

a) What is the maximum length of run that can be installed per station if the product has an emitter flow of .53 GPH?

b) What is the maximum length of run that can be installed per station if the product has an emitter flow of 1.0 GPH?