PourThru Method — Containerized Perennials



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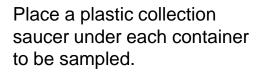
The PourThru method is a quick and easy procedure to test substrate pH and EC in-house without disturbing plant roots or removing substrate. The general procedure to perform a PourThru is outlined below:





Irrigate 3 to 5 representative plants or the entire crop to container capacity.

While waiting 30 minutes to 1 hour, calibrate the pH and EC meter(s). Refer to CEH-1-IG.



Pour distilled water over the substrate surface, circling the plant.

Collect leachate from each saucer for pH and EC evaluation.

Test each leachate sample and record the pH and EC values for each plant.

Interpret results of the leachate samples using the searchable database at www.fertdirtsquirt.org.















Common Name: Foxglove pH Category: III - pH 5.8 - 6.2 Fertilization Category: Low - 100-150ppm EC Category: A

1:2 Extract EC: 0.4 - 0.6 Saturated Media Extract EC: 0.9 - 1.3 Pour Thru EC (bottom): 0.9 - 1.3 Pour Thru EC (top): 1.3 - 2.0

Photos by: W. Garrett Owen, Ph.D.