

Observations on Chemical Weed Control in the Greenhouse

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Paraquat is finding a number of uses in many greenhouse ranges. However, it appears that its effectiveness is reduced by the mineral content of the water with which it is mixed. Hard water or water with a high mineral content reduces the killing power of Paraquat. To overcome this difficulty, always mix Ortho X-77 (or Multifilm X-77) with the water before adding the paraquat liquid. When used at 20 to 30 pounds pressure, Paraquat has been found to be very effective in killing and controlling weeds in rose beds and walkways. For maximum killing it should be applied in the early evening or on cool, cloudy days. Paraquat is not harmful to mature canes of rose plants.

Treflan is now available as a 5% granular material. Treflan is safe for use under pot crops and outdoor bench crops either as a post or pre-transplant treatment. The important practice to remember when using Treflan is immediate soil incorporation after application. This may be accomplished either by hand

cultivation or by watering. Treflan liquid is effective when applied with a hozon nozzle.