

Tech Tip 2018



The same varieties were planted on the same day but they ran out of soil and planted into another media. All the plants were fertilized with every other watering and there was slow release in the mix. After 4 weeks it was clear that the group in the foreground were locked up and not growing. The media in the foreground had field soil in it that was amended with gypsum which raised the EC of the soil to 3.0++ and due to mixing inconsistencies, there was 1-8 ppm P in the soil.

When excessive gypsum is incorporated in the mix which results in high salts it is important to keep the soil moist to minimize the salt effect. With the inadequate P in the mix, the plants will not grow without a P boost. An application of 9-45-15 (contains high P+micros) will give the plants the 'kick' to resume growth if the soil is kept moist.