

At HULL SPLIT FOR BUD DIFFERENTIATION AND ALMOND HULL ROT



SIZER[®] 4-20-22

UREA AND DI POTASSIUM POLY PHOSPHATE COMBINATION



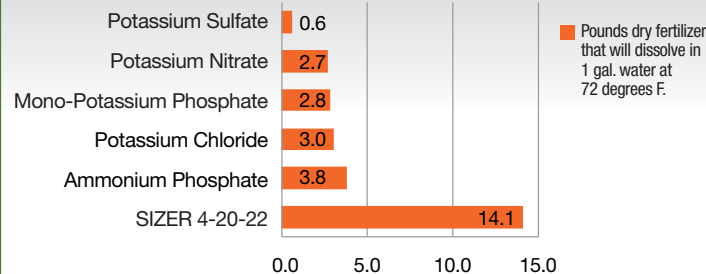
b-2 stage (deep V split)

A uniquely formulated plant nutritional manufactured through a patented reactor process by Plant Food Systems, Inc., **SIZER** maintains nutrients in solution longer for increased and superior leaf uptake of both P and K. Phosphonate free, **SIZER's** nutrient analysis is completely available to the plant system while being European Union compliant. Labeled rates up to 1 gallon per acre may be repeatedly applied prior and up to early bud and spur wood development for tree nut crops as well as tree fruit. **SIZER** 4-20-22 is a clear liquid Di Potassium Poly Phosphate with an alkaline pH range of 7.5-8.3 and may be applied in combination with other agricultural chemicals and pesticides for application efficiency.

In recent U.C. research on Almond Hull Rot, foliar applications of alkaline fertilizers, specifically Di Potassium Phosphate were similarly effective as fungicide treatments and significantly reduced the disease. While research rates of 1.5 -2 quarts were utilized, **SIZER** can be applied at rates up to 1 gallon/acre with little to no phytotoxicity. Di Potassium Phosphate may have the ability to neutralize the fumaric acid that contributes to the occurrence of the disease. Further work has found that sprays timed to the b-2 stage (deep V split) are most effective against Hull Rot infection. While Nonpareil variety has the greatest incidence of Hull Rot, U.C. recommends the use of two applications for proper timing to protect multiple varieties.

SIZER's superior degree of effectiveness in placing nutrients into the plant system is due to it's high level of solubility. Uptake of nutrient elements via the plant cuticle depends on the element's ionic concentration, as well as how long the nutrient remains in solution on the leaf, (Oostrhuis, 2009). Nutrient absorption increases dramatically with the increase in duration of solubility, (M.B. Hossain,K.S. Ryu, 2009). **SIZER** 4-20-22 Urea, Di Potassium Poly Phosphate Combination should always be your first choice for optimum foliar nutrition.

(Solubility Determines Availability)



For more information including research results and scientific publications, contact:
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