

"Seeds" Question-Answer Period

Anonymous: What can I use to distinguish between two populations of pistache seeds, one resulting from open pollinations among 25 genotypes and the other a closed-cross between two?

Ray Maleike: You may want to propagate from cuttings since pistache is capable of that.

Bob Buzzo: Mark, do you wait until the radicle emerges before you put them in the tray and then you don't cover the acorn?

Mark Krautmann: We cover the acorn with a rudimentary covering of soil mix; we don't use sand or anything fancy. We use the same soil as we use in the potting mix. Most of our oaks are pre-germinated.

Anonymous: Are the oak plugs planted mechanically or manually?

Mark Krautmann: It is all done mechanically. We use a custom-made transplanter.

Verl Holden: What acid concentration did you use for the *Arctostaphylos* treatment?

Joan Trindle: Ninety-eight percent sulfuric acid.

Verl Holden: Was that with constant agitation?

Joan Trindle: It was stirred gently the entire time.

James Kraemer: Have you grown out the seeds that were treated to see how the treatments affected seed germination?

Joan Trindle: They are just coming out of stratification this fall. I will try to germinate them and if they don't I will check their viability again using TZ.

John Shogren: What was the stratification treatment you used?

Joan Trindle: Two to 4 months of warm stratification followed by 3 to 7 months in cold stratification in a peat-perlite mixture at 40F.