

SeaAgri Recommendations for Foliar Applications

SEA-90 is a natural sea mineral salt crystal of inconsistent particle size that is not processed or ground. When adding SEA-90 to water, most crystals dissolve immediately but some larger crystals could take slightly more time to break down. There could also be sand-like particles (rock dust) that precipitate or fall to the bottom of the tank and never fully dissolve. For this reason, we recommend the following simple modifications to your sprayer so you can avoid nozzle clogging during field applications.

Recommended Boom Type Sprayer and Nozzle Modifications for Applying SEA-90 and Other Natural Products (ie, molasses, and/or liquid fish):

1. Dissolve one pound SEA-90 per gallon of water in nurse tank and pump or pour mixture through 40 mesh screen into sprayer tank. The mesh screen can be on transfer pump or opening into tank. If nurse tank cannot be found, the mesh can be installed as a basket into tank opening. SEA-90 crystals are deposited into mesh basket and dissolved while water is running over them into tank.
2. Install additional 40 mesh screen between tank and nozzles.
3. Change all nozzle tips to size 5 or 6.
4. Remove all screens at nozzle tips.
5. Clean or flush sprayer system with fresh water at the end of each day.
6. Clean mesh screens as necessary.

Field sprayers with cluster, flood jet or flood nozzles do not usually require any filter or nozzle modifications when applying SEA-90 and other natural products.