

Spraying SEA-90

An Easy-To-Follow Process That Will Guarantee Success

Bill Ingram - Sweet Water Ranch Sea Minerals - Jay, OK

500 Gallon Sprayer



We spray five pounds SEA-90 Foliar Fertilizer mixed in 20 gallons water per acre on 2000 acres of hay and pasture every year. Our goal is to spray 40 acres every day. We make two applications with a 500 gallon spray tank set at 100 psi with 400 gallons of water. In order to spray two 20-acre fields each day, the following process is completed twice; once the night prior to the morning application, and then again after spraying is completed on the first field. After approximately five plus hours, I spray another 20 acres. At the end of each day's spraying, equipment should be cleaned with clear water to prevent corrosion. By following these simple directions, you will have great results.

The afternoon prior to your first application, start by filling your tank with water sprayed through a high-pressure spray nozzle. Pour one 50-lb bag SEA-90 into the tank while using the hard spray for several minutes. Then continue filling the tank with water until 200 gallons is reached. Pour a second 50-lb bag into the tank and fill to 400 gallons. Allow the SEA-90 mineral mixture to set in the tank overnight or for five to six hours prior to spraying. At the field intended for spraying, remove the tank filter and open the tank valve allowing the SEA-90 mixture to flow out until clear. Initially, the mineral/water mix flows out slowly with mineral debris but then bursts out with clear mineral water. Total mineral loss is less than one cup. Close the valve, return the filter to its position, and reopen the valve to begin spraying. This process works extremely well with very little effort.



Last year, my sprayer pump lost pressure and I discovered that sprayer manufacturers install inexpensive pumps with plastic internal parts as a cost-saving measure. These pumps quickly break down if any sediment is present in spray mixtures. Our agricultural equipment dealer recommended purchasing a HYDRO commercial-grade pump at a cost of approximately \$375. If you are purchasing a new tank/pump or replacing an existing pump, be sure to buy a commercial grade pump such as the one shown below.

Hypro® 8 Roller Silver Series XL Sprayer Pump has a max flow of 22.5 GPM and maximum pressure of 300 PSI. The 7560XL features a Silvercast casing and rotor that provides up to 10 times the life of cast iron, and 5/8 in. solid shaft that is most commonly coupled directly to a tractor's PTO system.



- Number of rollers: 8
- Maximum speed: 1200 RPM
- Maximum pressure: 300 PSI
- 15/16 in. solid shaft
- Silvercast housing
- 1 year limited warranty

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