



**To:** John Hoffman

**CC:**

**From:** Chris Crocker Golf Course Superintendent

**Date:** April 16, 2019

**Re:** Bids for New Golf Course Sprayer

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We received 3 bids to purchase a new Sprayer for the golf course. The new sprayer will replace the two sprayers we currently have. Our current sprayers were purchased in 2001 and 2004. They both have had multiple issues that have caused our chemical applications to be inaccurate. There is a current issue where particles are getting past the filter and clogging the nozzles. Though the filter is brand new and sized properly, we cannot determine why this is happening. The only fix might be to replace the entire hose/tank/pump routing system. They have also suffered from transmission problems and pump problems that have to be repaired regularly. The new sprayer can do the job of both sprayers and comes with more safety options when filling and mixing the chemicals into the tank.

A few of the main requirements for the new sprayer are a centrifugal pump, hydrostatic drive, a safe-fill system, 200 gallon tank, a self-rinsing system, 100' electric hose reel, and a tee-jet controller.

Each company bid the same Smithco Spray-Star 2000 sprayer. Turfwerks submitted the low bid of \$43,695 after trade-in. \$45,000 was budgeted for this equipment.