OPTIX
TECHNOLOGIES

THE ULTIMATE DIGITAL ECOSYSTEM FOR TURF AND HORTICULTURE.

INCREASE EFFICIENCY.
REDUCE WASTE.
SAVE MONEY.

ABOUT OPTIX

OptiX Technologies has created an ecosystem that consists of physical field devices, mobile and cloud-based software and associated interface equipment that is used not only for tracking and reporting the proper use of chemicals but to manage and track where plants are located, plant viability tracking, fleet and equipment tracking, customer management, inventory management and many other tools that support properly operating and securing a vegetation management or forestry company. The entire ecosystem is centered around a central cloud database driven software package that provides functionality like CRM, scheduling, routing, logging, reporting and mapping. Smart field devices such as flow meters, spray guns and planting devices provide valuable information like applied chemical volume, temperature, direction and pattern of spray, path traveled, areas covered and location of trees planted.

INTRODUCTION

OptiX Technologies is proud to introduce the LawnX line, a specialized solution meticulously developed for the turf and horticulture industry for ride and stand on sprayers. Engineered with a focus on robust construction to withstand challenging environments, LawnX exhibits advanced capabilities for accurately monitoring the applicator's location, liquid flow, liquid pressure, and the directional application of products. This innovative device seamlessly integrates with the OptiX system, enabling users to generate comprehensive maps that precisely detail product application locations, quantities, applicator identities, and timestamps. The OptiX system's intuitive interface includes map indicators to highlight areas of over or under application, offering valuable insights for enhanced turf and horticulture management. Furthermore, the system facilitates the calculation of total product quantities sprayed, empowering users to analyze data across specific time periods, locations, areas, or jobs. Elevate your precision and efficiency in turf care with the cutting-edge technology of LawnX by OptiX.

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LawnX Device

LawnX stands as the cornerstone of our turf and ornamental data collection system, seamlessly integrated with any ride-on or stand-on sprayer. Whether for processing, review, or application, this innovative technology is designed to excel. Its internal computer meticulously monitors flow and GPS ensuring precision and efficiency at every stage of the spraying process.

MOUNTING

The LawnX integrates seamlessly with standard ride or stand-on spreader/sprayer style machines. Its user-friendly design ensures easy installation, allowing you to effortlessly monitor, record, and map the location and quantity of all applied products on a given site. With LawnX, achieve precision like never before in your chemical applications.

TECHNICAL INFORMATION

The devices will incorporate a precision GPS module that supports live corrections for precise position monitoring of the ride-on sprayer.

All devices will be outfitted with LTE and Bluetooth which will allow the devices to directly connect to the OptiX server from any location to provide provisioning, instantaneous location tracking, data transfer, field upgrades, device field support, remote device configuration, and the ability to upload logs directly. These products will be compatible with major carrier networks such as AT&T and Verizon Wireless.

Target Users

Licensed chemical applicators employed or contracted by turf and horticulture companies or owner/operators of smaller companies.