



# OPTIX

TECHNOLOGIES

**INCREASE EFFICIENCY.  
REDUCE WASTE.  
SAVE MONEY.**

THE ULTIMATE  
DIGITAL ECOSYSTEM  
FOR TURF AND  
HORTICULTURE.

## 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 would like to present the TurfX line of spray guns which have been developed specifically for the turf and horticulture industry. This device was design with ergonomics in mind and to be able to withstand the rugged environment where it will be used. It has the ability to accurately track the location of the applicator, liquid flow, liquid pressure and direction of the product being sprayed. With all of this information, the OptiX system can produce maps indicating exactly where product was applied, how much, who applied them and when it was applied. Map indicators show where product was over or under applied. It is also possible to calculate the total quantity of product sprayed for a given time period, location, area or job.

This data is recorded and stored in a database that can be later used to generate many different types of reports and for other types of automated plant inspection and maintenance.





## TurfX Device

Designed as the go-to spray gun for low-volume & High Volume applications, the TurfX sets the standard with precision and versatility. Perfect for spraying a wide range of liquid chemicals, this model ensures optimal performance in various turf and horticulture scenarios, providing reliability and efficiency.



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## MOUNTING

The TurfX spray guns mount to standard spray hoses utilized in the industry.

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## TECHNICAL INFORMATION

The TurfX spray guns are battery powered devices which use a rechargeable lithium-ion battery as their power source. The factory supplied battery will power the device for at least 12 hours of continuous use and can typically be charged between 300 to 500 times when used and stored according to the supplied documentation.

The TurfX uses various wireless communication technologies, such as Bluetooth, to communicate with a mobile device for configuration and data log retrieval.

As an optional service, some devices implement LTE connectivity to provide real time operator tracking and remote configuration.