

# INSTALLATION GUIDE

## AGTIV® Liquid Injection Kit

Premier Tech Agriculture recommends a customized equipment, such as the Dosatron® Injection System, for the application of its liquid inoculants. Designed for an easy application of AGTIV® liquid products, the AGTIV® Liquid Injection Kit operates off the main solution flow of existing in-furrow application system.

The installation of the AGTIV® Liquid Injection Kit requires **two steps**:

- 1** PREPARE THE INJECTION KIT
- 2** INSTALL THE INJECTION KIT ON THE EXISTING IN-FURROW SYSTEM



Version française du guide d'installation disponible sur [PTAGTIV.COM](http://PTAGTIV.COM)

## 1 PREPARE THE INJECTION KIT

### 1.1

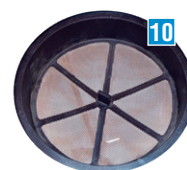
Have all the required parts for the installation

The box will contain the following parts:

- 1** Dosatron® pump with all fittings (1x)
- 2** Tank on a metal stand (1x)
- 3** Reducing nipples (4x)
- 4** Hose clamps (4x)
- 5** Grey bracket with large hose clamp (1x)
- 6** Coupler (1x)
- 7** Stainless steel shaft (1x)
- 8** Mixing impellers (2x)
- 9** 12-Volt motor and wire (1x)
- 10** Basket screen for the tank (1x)

**NOTE:** Purchase the following parts to install the AGTIV® Liquid Injection Kit on the existing in-furrow system:

- Teflon
- Hose (size depends on your equipment)
- Hose clamps (2x)
- Parts to build a bracket (see 2.2-a on page 3)



### IMPORTANT

The installation of the AGTIV® Liquid Injection Kit **requires approval** by a Premier Tech Agriculture **representative**. In this regard, pictures of the installation must be sent before usage to Premier Tech Agriculture at the following email address: [info@ptagtiv.com](mailto:info@ptagtiv.com).

## 1.2 Assemble the AGTIV® Liquid Injection Kit following these steps:

**a** Put the **sealing ring** without any filter in.



**b** Install the **Dosatron® grey bracket** on the **metal stand**.



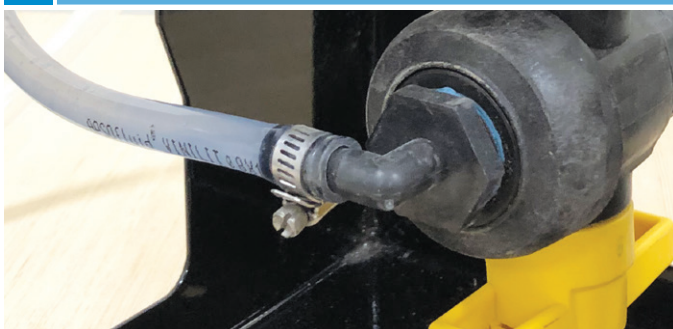
**c** Secure the installation of the **Dosatron® pump** on the tank support (b) with a **clamp**.



**d** Fix the **suction hose** of the **Dosatron®** to the **valve under the tank**. **Cut the length of the suction hose** (if necessary) to eliminate any loop in the hose (this will prevent the stagnation of the liquid).



**e** Fix the **suction hose** with **clamps**. Tighten the clamps.



**f** Select the right reducing nipple size to connect the **Main flow hose ①** from the existing in-furrow system to the AGTIV® Liquid Injection Kit & to the outlet ②.



① One by the **yellow valve** of the Dosatron® (intake)

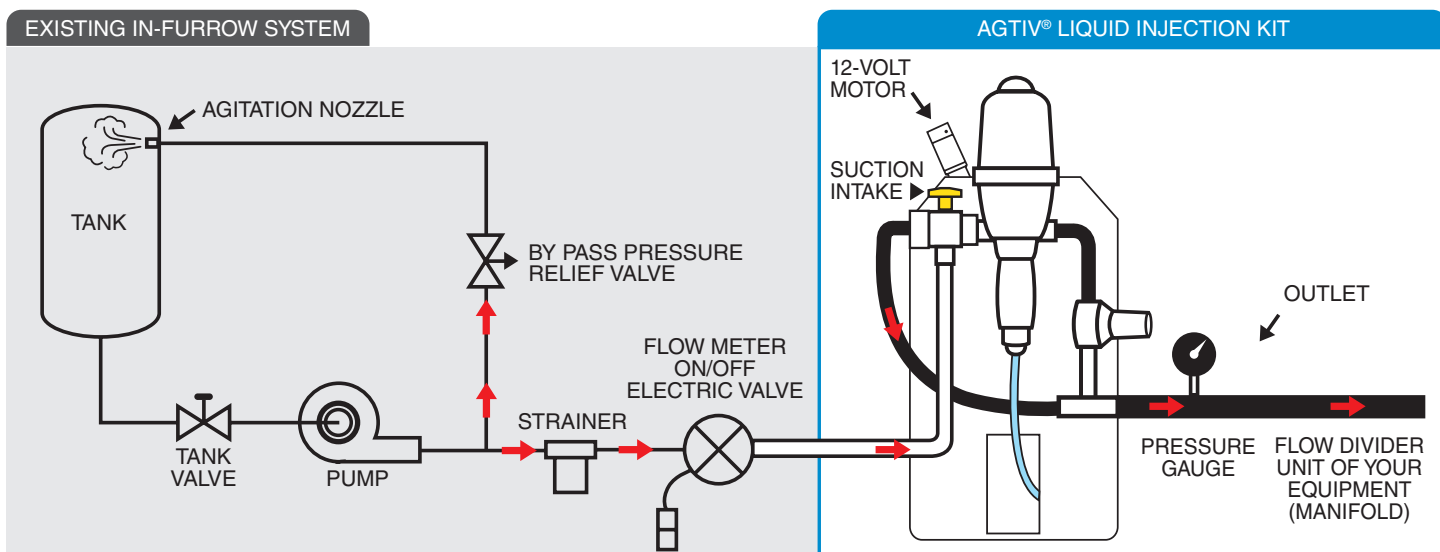
② One at the **outlet of the injection kit**



## 2

## INSTALL THE INJECTION KIT ON THE EXISTING IN-FURROW SYSTEM

See below a diagram of where the AGTIV® Liquid Injection Kit should be integrated on the existing in-furrow system.



### 2.1

### Select where to install the equipment on the planter/seeder



These are recommendations to ensure the good performance of the equipment:

- ✓ Prevent damage by other parts of the equipment
- ✓ Make sure the suction hose of the Dosatron® unit is visible
- ✓ Have an easy way to fill, empty, clean and maintain the tank
- ✓ Install where the dust is minimum

### 2.2

### Install the AGTIV® Liquid Injection Kit on the planter/seeder

a

Build a **bracket** to hold the injection kit on the planter/seeder.



b

Place the AGTIV® Liquid Injection Kit on the bracket.



## 2.2 Install the AGTIV® Liquid Injection Kit on the planter/seeder (cont'd)

c

Measure the length of the **hoses** between the Dosatron® unit and the flow divider unit of the existing in-furrow system.



e

**Tie the hoses together** to make sure they will not move.



f

If desired: add a 2-way switch to be able to turn the mixer off and on, **install a 12-volt electrical wire** from the tractor to the electrical motor of the mixer. Make sure that the motor **runs at all times** when using the AGTIV® Liquid Injection kit.

g

On the planter, **remove all cylinder screens** by the nozzles.



h

Before using the AGTIV® Liquid Injection kit, send pictures of the installation at [info@ptagtiv.com](mailto:info@ptagtiv.com)

d

Install the **2 hoses**:



1

**one from** the flow meter coming from the existing in-furrow system to **the main yellow valve** of the injection kit.

2

**one at the outlet of the injection kit** to the flow divider unit of the existing in-furrow system.

Tighten with clamps to hold properly.



For product application details, visit [PTAGTIV.COM/liquid-injection-kit](http://PTAGTIV.COM/liquid-injection-kit)

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WE CARE ABOUT YOUR SUCCESS!



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1 866 454-5867 [info@ptagtiv.com](mailto:info@ptagtiv.com)



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### WARRANTY

At all times, the AGTIV® Liquid Injection Kit, its maintenance and operation are the responsibility of the grower. The warranty on the AGTIV® Liquid Injection Kit is limited to the warranty offered by the manufacturer, C&R Supply. Any after sales service must be addressed directly to the manufacturer.

**IF YOU HAVE ANY PUMP QUESTIONS  
PLEASE CALL 1-800-232-2637**

