

## Mazzei's InjectorSelector™

Mazzei's InjectorSelector is a web-based calculator that will assist you in selecting the right Mazzei Injector options for liquid injection applications such as chemigation. This convenient online tool makes the process of choosing the right injector considerably easier and does it quickly with just a few pieces of information that you provide. This guide will help you through the process and demonstrate how easy and convenient it is to use. Note: users are required to complete a one-time registration questionnaire prior to using the web calculator.

## Mazzei...Innovative Solutions

Mazzei® Injector Company, LLC is the world's leading manufacturer of high-performance Venturi-type injectors. In addition to manufacturing quality components, we also provide elegant solutions. Whether you're retrofitting or building from scratch, Mazzei delivers exceptional performance, efficiency and value. Our reputation for thoroughly engineered design and customer service is second to none.



Selecting the right  
**MAZZEI® INJECTOR**  
is easy and convenient...  
and online!



*World Leader  
in Mixing and  
Contacting  
Technologies*

**InjectorSelector™**

Contact us today.  
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Bakersfield, California 93307-9555

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You can name each individual project/session

Summarize and save your input values and up to four injector recommendations in a PDF report that may be sent to an authorized Mazzei representative

Create a new session

**InjectorSelector** Mazzei Injector Company, LLC

Project Scenario 054 Edit Session Recommendations Summary New Session Luke's Dashboard

Mazzei Injector Selector Tool is for use with Mazzei Injector products only.

**Project: Scenario 054**

**Recommendation: 4**  
(This suction rate can be reduced with a metering valve, if necessary.)

<b>Injector:</b>	<b>1587</b>	
<b>Water flow through the injector:</b>	43.30 GPM	
<b>Injector inlet pressure:</b>	30.00 PSI	
<b>Injector outlet pressure:</b>	15.00 PSI	
<b>Maximum suction capacity:</b>	200.40 GPH	
<b>Injector:</b>	<b>1585x</b>	
<b>Water flow through the injector:</b>	24.60 GPM	
<b>Injector inlet pressure:</b>	30.00 PSI	
<b>Injector outlet pressure:</b>	15.00 PSI	
<b>Maximum suction capacity:</b>	81.63 GPH	
<b>Injector:</b>	<b>1583</b>	
<b>Water flow through the injector:</b>	26.28 GPM	
<b>Injector inlet pressure:</b>	30.00 PSI	
<b>Injector outlet pressure:</b>	15.00 PSI	
<b>Maximum suction capacity:</b>	167.27 GPH	
<b>Injector:</b>	<b>1078</b>	
<b>Water flow through the injector:</b>	13.41 GPM	
<b>Injector inlet pressure:</b>	30.00 PSI	
<b>Injector outlet pressure:</b>	15.00 PSI	
<b>Maximum suction capacity:</b>	82.06 GPH	

Flow (GPM) 50  
Upstream Pressure (PSI) 30  
Downstream Pressure (PSI) 15  
Suction (GPH) 5  
Liquid Weight (lbs/gallon) 8.34  
Injector Position (feet) 0  
negative value indicates injector location above additive  
Reset (to Original Input Values)

Edit the input values (make changes to see other available options)

Adjust the sliders to view changes to your recommended Mazzei Injectors in real-time

Reset the inputs to original values

Your customized dashboard allows you to view all previous sessions

Current screen, showing recommended Mazzei Injectors

Descriptions of all recommended Mazzei Injectors

## Using the Calculator

Mazzei's InjectorSelector is perfect for those in the agricultural industry who use liquid injection applications, such as fertigation. Mazzei has a wide-selection of injectors to fit numerous applications and installations. Once the variables that affect system performance are entered into the calculator, the InjectorSelector tool will recommend the best injector for your specific needs. Variables include type of system (booster pump, pressure reduction or full flow) and the following:

- ▶ Total system flows
- ▶ System pressure
- ▶ Suction capacity
- ▶ Elevation of the installation
- ▶ Additive weight
- ▶ Injector location

For pressure reduction installations you will also need to know the upstream and downstream pressure as well as pressure regulation.

**Ready to select the right injector for you?**

Visit: <http://injectorselector.mazzei.net>