



# Mazzei®

## MAZZEI AIRJECTION® IRRIGATION TECHNOLOGY

Improves Crop  
Yields, Water Use,  
and Fertilizer  
Efficiency

*World Leader  
in Mixing and  
Contacting  
Technologies*

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### Mazzei AirJection® Irrigation Technology Improves Crop Yields, Water Use and Fertilizer Efficiency

Most growers know that plant roots need air to breathe. Without air in the root zone, soil can become temporarily anaerobic, inhibiting plant growth and yield. The challenge of getting the right amount of air into the root zone efficiently and effectively has been solved by Mazzei's AirJection technology.

Mazzei AirJection Irrigation System is proven technology that delivers results. It uses patented, high-efficiency Venturi AirJectors™ that are simple to install and maintain in subsurface irrigation systems. When added to the drip line, the AirJector incorporates atmospheric air into the drip line along with irrigation water. This optimally blends air and water so the right mixture is delivered to the root zone. Commercial on-farm use shows that yields can be increased from 13% to 35% because water use and fertilizer efficiency is greatly enhanced.

### Mazzei AirJection® Irrigation Technology

- ▶ **May significantly increase:**
  - Root Mass
  - Crop Yield
  - Fruit Density
  - Sugar Content
  - Germination
- ▶ **Improves Water Use Efficiency**
- ▶ **Earlier Maturation in Most Crops**
- ▶ **Increases Plant's Salinity Tolerance**
- ▶ **Improves Late Season Production**
- ▶ **Reduces Fertilizer Application Rates**



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