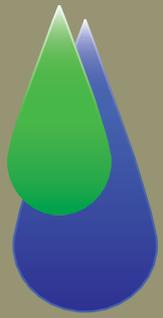


- BETTER YIELD
- HIGHER QUALITY



***EcoDose***<sup>®</sup>

***Fertigation Systems***

Efficiently Feeding Your Crop

[ECODOSE.NET](http://ECODOSE.NET)

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## What is Fertigation?

Fertigation is the delivery of readily available nutrients and conditioners to the crop via irrigation systems to efficiently maximise yield.

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# EcoDose<sup>®</sup> Fertigation Systems



## Improve Yield

Get greater control over where and when nutrients are delivered to your crop to optimise plant growth.

- Applies fertiliser directly to the root zone
- Allows smaller doses more frequently
- Apply nutrients at any time, as your crop needs it



## Save Time & Labour

Stop crop spraying and leverage your irrigation system instead.

- With less time on the tractor, you'll save on fuel and labour and improve farm productivity
- Systems can be fully automated and integrated into your current irrigation system



## Easy Installation into Existing Systems

Simply add an EcoDose™ Fertigation System to your current irrigation and control systems to start seeing the benefits.



## Precise Control of Fertiliser

Manual or automated, infinitely variable control of fertiliser flows during pump operation. And it's easy to use!

- Variable Speed - Simply dial in the flows you want (LPH or GPH)
- No need to stop pump to adjust flows
- Easily integrate pump operation into your existing farm control systems



## Solar, AC or DC Powered

Whether you have power at your paddock or not, we've got you covered.

- Solar, mains (single and three phase) and other DC input versions available.



## System Design & Installation Service

Need help designing and installing your fertigation system? Just call us, we can help.

# The Pumps



**Accurate, Compact & Long-Life Performance** - positive displacement plunger pumps.

Highly accurate dosing control

No external moving components

Dual Seal Technology for low leakage

Ceramic Plungers

- Extremely resistant to damage
- Compatible with all known liquids
- Almost unlimited life

316 SS or Kynar material used in all areas in contact with fertilisers

SiA Connector allows no-tool removal of the liquid end from the drive for servicing.

Designed & manufactured in Australia for the toughest conditions.

## The Controllers

Accessing the pump's precise dosing capabilities is easy with our range of controllers. Simply dial up the flow you want (LPH) and it will immediately adjust the speed of the pump, even when the system is running. Digital displays ensure you know your flow rate.

### Solar/DC Model

- Easy to read digital display
- Up & down arrows to set flows
- Simple start/stop operation
- 4-20mA input to control pump speed option from other local devices



### AC Model

- Easy to read digital display
- Dial to set flows
- Simple start/stop
- Over-torque protection



# The EcoDose Range

**Selection Tip:** To give you the greatest flexibility, we recommend choosing a pump size where your required flow rate sits in the middle of the pump's range (0 - Max. LPH).

Small Flows	Medium Flows	High Flows	Higher Flows	Higher Flows at Higher Pressures
AG50	AG100	AG150	AG225	AH225
from \$3,080	from \$3,220	from \$3,360	from \$4,060	from \$4,802
<b>Max. Flow</b> (Simplex): 15.5 LPH	<b>Max. Flow</b> (Simplex): 61.5 LPH	<b>Max. Flow</b> (Simplex): 140 LPH	<b>Max. Flow</b> (Simplex): 280 LPH	<b>Max. Flow</b> (Simplex): 280 LPH
<b>Max Flow</b> (Duplex): 31 LPH	<b>Max Flow</b> (Duplex): 123 LPH	<b>Max Flow</b> (Duplex): 280 LPH	<b>Max Flow</b> (Duplex): 560 LPH	<b>Max Flow</b> (Duplex): 560 LPH
<b>Max. Pressure:</b> 150 PSIG	<b>Max. Pressure:</b> 150 PSIG	<b>Max. Pressure:</b> 100 PSIG	<b>Max. Pressure:</b> 50 PSIG	<b>Max. Pressure:</b> 100 PSIG
<b>Controller Types:</b>	<b>Controller Types:</b>	<b>Controller Types:</b>	<b>Controller Types:</b>	<b>Controller Types:</b>
				
<b>Power Options:</b>	<b>Power Options:</b>	<b>Power Options:</b>	<b>Power Options:</b>	<b>Power Options:</b>
Single Phase: ✓ Three Phase: ✓ Solar: ✓	Single Phase: ✓ Three Phase: ✓ Solar: ✗			

# *EcoDose® Fertigation Systems*

New to fertigation or applying fertigation methods to a new crop?

Our EcoDose Systems offer full packages designed to get you up and running, with all the equipment and features you need as standard, as well as optional extras that can be integrated depending on your specific needs.

All EcoDose Systems are portable via your tractor and can even be mounted in the back of your trailer for easy transportation from one paddock to another.

## **Solar**

No power in your paddocks? No problem! The Solar EcoDose Fertigation System means you can run different fertiliser strategies in different paddocks. Highly portable and simple to use the system includes:

- Pump/Controller Unit
  - Positive displacement plunger pump
  - Solar/DC Controller
- SiA Solar Pack (sized for your specific needs)
  - Solar Panel
  - Batteries
- Heavy duty frame assembly - forkliftable
- Suction Strainer - to filter out any impurities from the tank
- Relief valves - for safety
- Mounted tank (optional)
- Bund (optional)



Solar EcoDose® Fertigation System

## AC

With access to mains power, either single phase or three phase, the AC EcoDose Fertigation System can integrate into your centralised irrigation system or work with your centre pivot or lateral. Portable and simple to use the system includes:

- Pump/Controller Unit
  - Positive displacement plunger pump
  - AC Controller
- Heavy duty frame assembly - forkliftable
- Suction Strainer - to filter out any impurities from the tank
- Relief valves - for safety
- Mounted tank (optional)
- Bund (optional)

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If you aren't looking for a full system, bare Pump/Controller Units with frame are available.



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## Contact Us

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***EcoDose<sup>®</sup>***  
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