Fertilizer tanks are connected to the Priva NutriFit. These contain soluble fertilizers dissolved in water. The dissolved fertilizers are injected into the NutriFit mixing tank, where they are mixed with water and evenly pumped to the crop. The NutriFit can mix a maximum of five solutions simultaneously, e.g. four fertilizer solutions and one acid/lye solution. The single or dual EC and pH measurements provide maximum reliability. The NutriFit can be controlled by an integrated process computer or an external Priva process computer, and possibly also by a process computer of a different brand. The operating system for the Priva NutriFit is available in a variety of languages.

**Safe and Reliable**
Fertilizer tanks are connected to the Priva NutriFit. These contain soluble fertilizers dissolved in water. The dissolved fertilizers are injected into the NutriFit mixing tank, where they are mixed with water and evenly pumped to the crop. The NutriFit can mix a maximum of five solutions simultaneously, e.g. four fertilizer solutions and one acid/lye solution. The single or dual EC and pH measurements provide maximum reliability. The NutriFit can be controlled by an integrated process computer or an external Priva process computer, and possibly also by a process computer of a different brand. The operating system for the Priva NutriFit is available in a variety of languages.

**Flexible and Efficient**
The Priva NutriFit can be used with overhead or drip irrigation and ebb and flood systems. The acidity can be adjusted with acid or lye. The NutriFit is available in a range from 5 up to 25 cubic metres per hour. Within these capacities, a number of system pressures are available. The Priva NutriFit is easy to integrate into existing configurations and provides efficient solutions for small to medium business.

**Durable and Low Maintenance**
NutriFit systems are extremely durable and require very little maintenance. The system is made of stainless steel and sustainable plastics and the number of moving parts is kept to a minimum as a result of the use of venturi dosing.
Saving Costs by Reusing Water

To prevent the waste of costly fertilizers, the process computer has built-in functions to pre-mix collected run-off water with fresh water. As a general rule, savings of 30-40 per cent on water and fertilizer costs are achieved by utilizing this reuse function and unnecessary pollution of the environment can be prevented.

Advantages

- Efficient direct fertilizer dosing for all types of crop
- Flexible choice in pump and number of fertilizers
- Accurate and reliable
- Long shelf life
- Self supporting compact system
- Constructed from durable materials
- Fault insensitive
- Various expansion options
- Lowest cost per m³

Specifications

- Dosing in a mixing tank
- Capacity 5-25 m³/hour
- Capacity above 100 m³/hour in By-pass layout
- Single or dual EC and pH measurements for maximum reliability
- 100 litre tank
- 1-5 dosing channels; 30-300 litres/hour

Main Functions

Connected to a remote Priva process computer

Measurements

- Total water consumption, EC and pH logging per valve
- Drain quantity and logging
- Volume measurement
- Light or radiation measurement

Irrigation Control

- Fertilizer recipes
- EC pre-control option
- Large number of starting conditions
- Water and fertilizer stock control
- Rinse valves
- Rotation of valves

Management

- Extensive insight into all measurements, control functions and alarm situations
- PC connection to Priva Office Direct for registration and operation