

# SWAN Systems

PRECISION MANAGEMENT  
FOR VITICULTURISTS



**SWAN**  
**systems**

Scheduling water and nutrients



# SWAN SYSTEMS PHILOSOPHY

Providing vines with the right amount of water and nutrients, at the right time, goes a long way to maintaining an optimal soil moisture balance and to satisfy management requirements across the annual cycle.

Such a management regime is the most economically viable approach, whether the goal is vine health, yield or fruit quality.

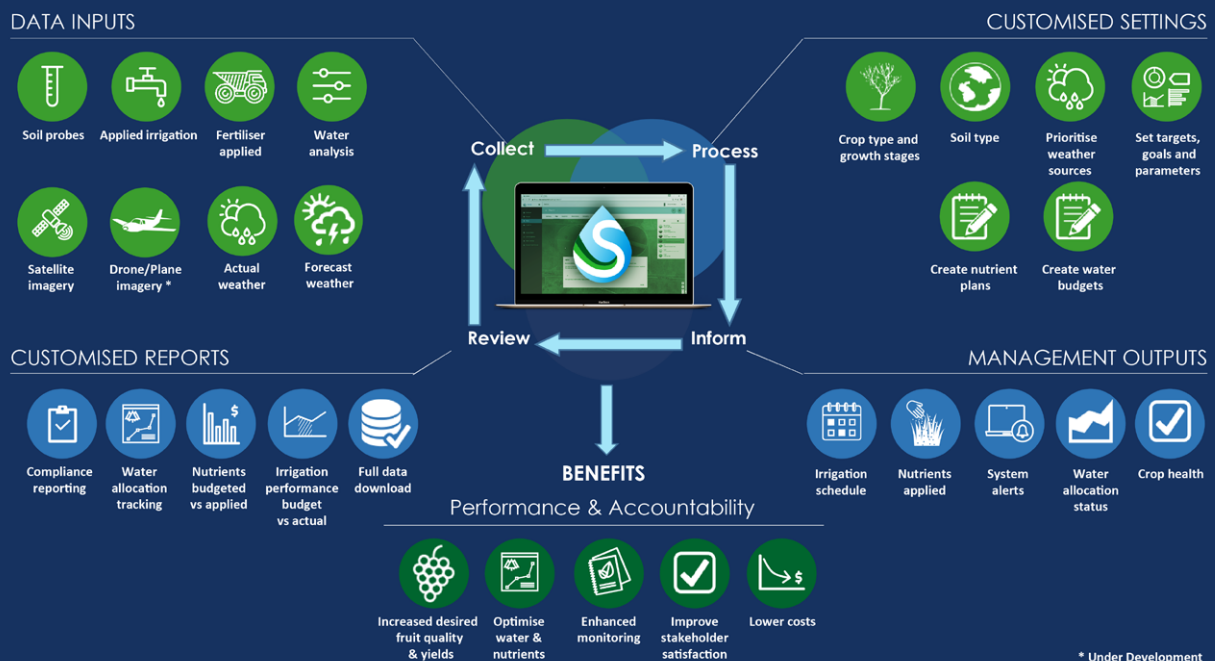
SWAN is a management, monitoring and reporting system designed to realise these goals as accurately and efficiently as possible, at any scale, no matter what the fruits' intended use is.



# KEEPING IT ALL TOGETHER

- Predictive management around extreme weather events
- Manage water allocations and irrigation infrastructure constraints
- Manage desired yield and quality outcomes (intended use)
- Manage canopy for vine health and fruit quality
- Maintain required soil moisture balance during dormant months
- Manage blocks for varietal attributes and fruit outcomes
- Maximise returns on water and fertiliser
- System Suggested Irrigation schedules how much and when to irrigate for the coming week

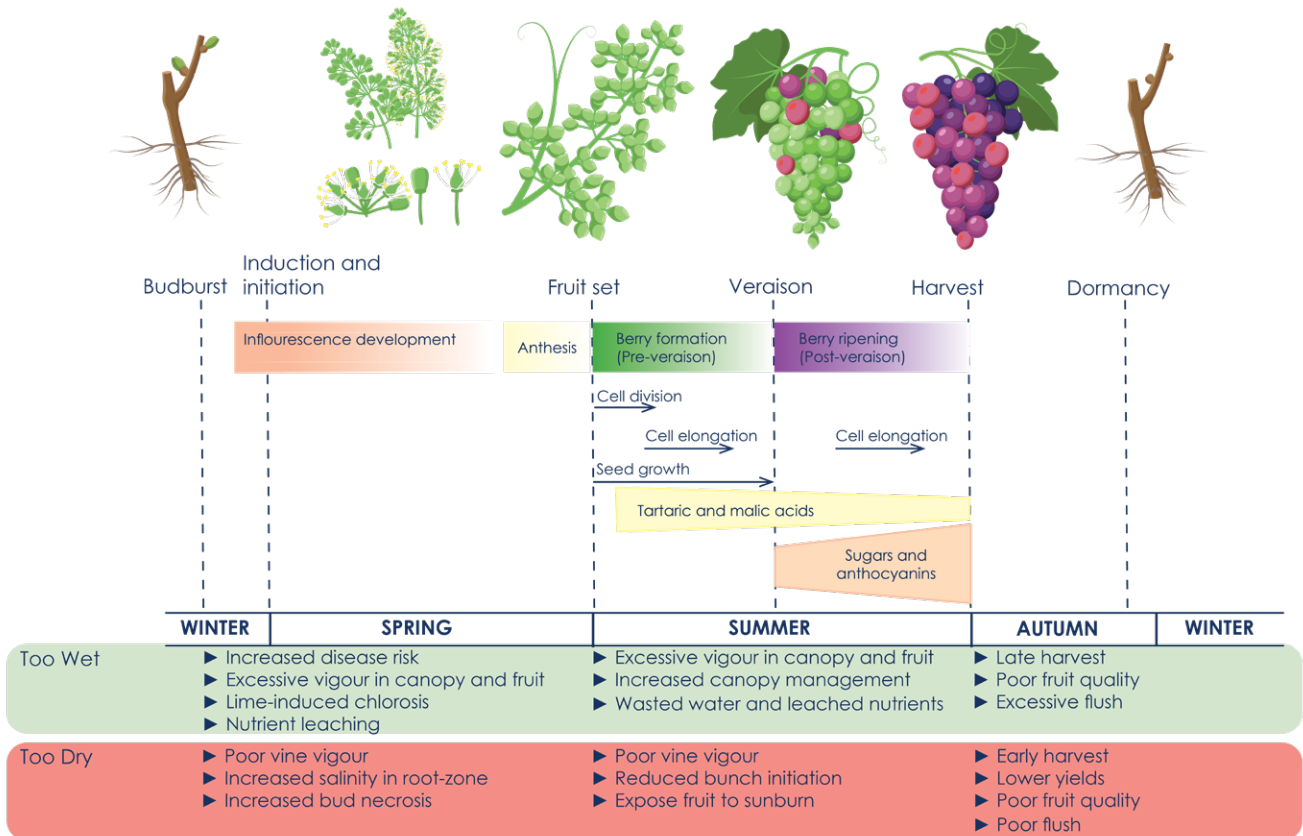
## Precision irrigation and nutrient management made easy



SWAN Systems is a cost effective and user friendly management system that provides precise information to the viticulturalist for optimising production potential. It focuses on both irrigation and nutrient management as these inputs are largely responsible for productivity outcomes.

SWAN can use your existing hardware and is able to integrate all relevant data from multiple sources to provide the detail needed for more informed decision making. It has capabilities across key areas including irrigation, nutrients, location/group monitoring, spatial imagery, alarms/alerts and reporting.

# SEASONAL MANAGEMENT CALENDAR



The SWAN Systems team includes experienced agronomists who have owned and operated wine and table grape businesses in Australia. This industry experience, along with their extensive consulting careers, gives them a unique insight into the practical issues confronting producers. This has shaped product functionality and rigor to ensure it is relevant to end user demands.

SWAN Systems evolved from years of working in irrigated horticulture where the objective was to determine exactly when and how much irrigation and fertiliser was required to optimise production and maximise farm gross margins without harming the environment.

Years of operation have refined the process and it is now available as a cloud-based Software as a Service (SaaS) solution to benefit all irrigators.



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