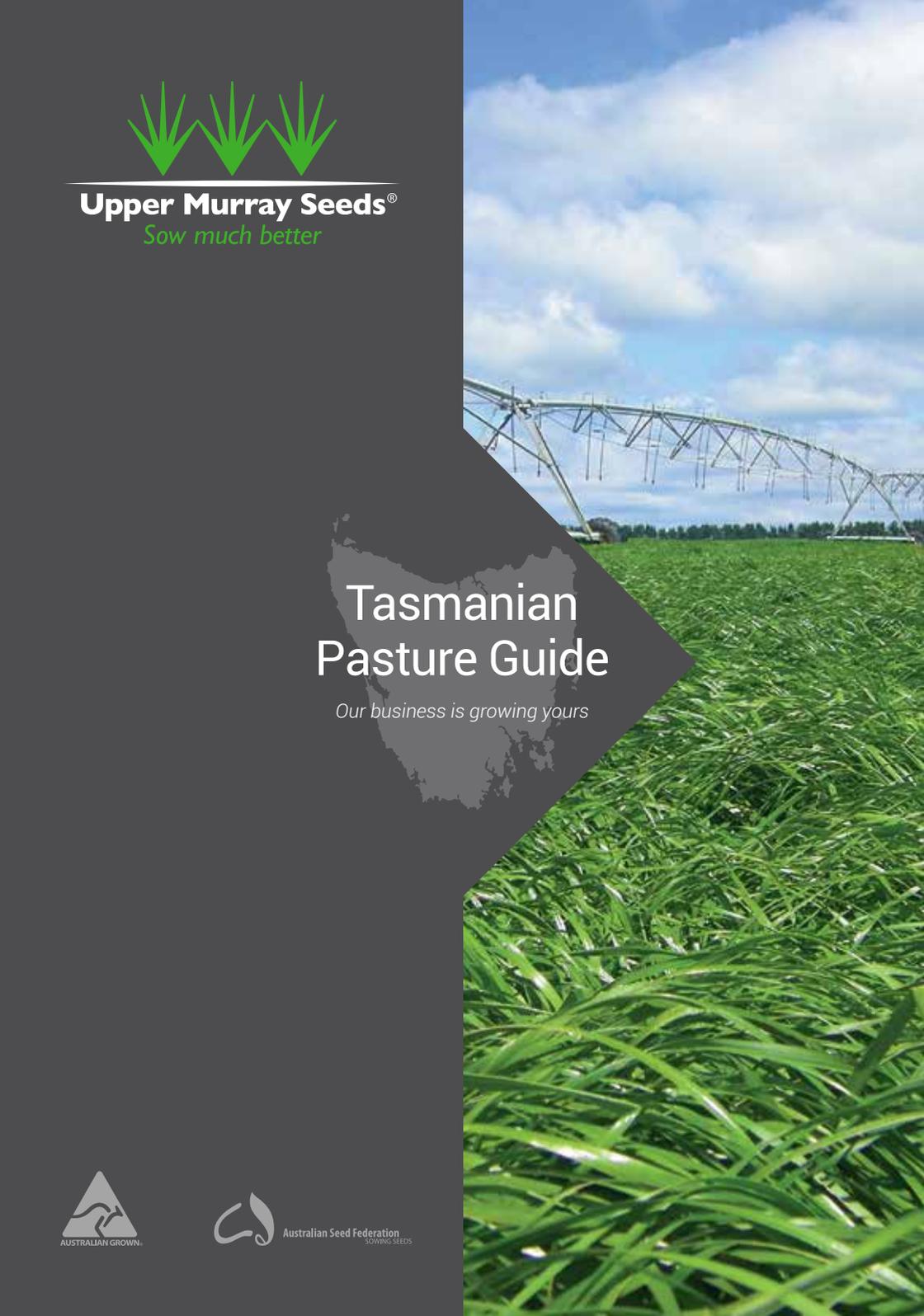




**Upper Murray Seeds®**  
*Sow much better*



# Tasmanian Pasture Guide

*Our business is growing yours*



AUSTRALIAN GROWIN



Australian Seed Federation  
SOWING SEEDS

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DISCLAIMER: All information provided is intended as a guide only. Upper Murray Seeds has taken all due care to ensure the included information is accurate and use of this information is at the user's sole discretion and risk. Varying environmental conditions may alter the performance of products and plants.

## Plant Breeders Rights

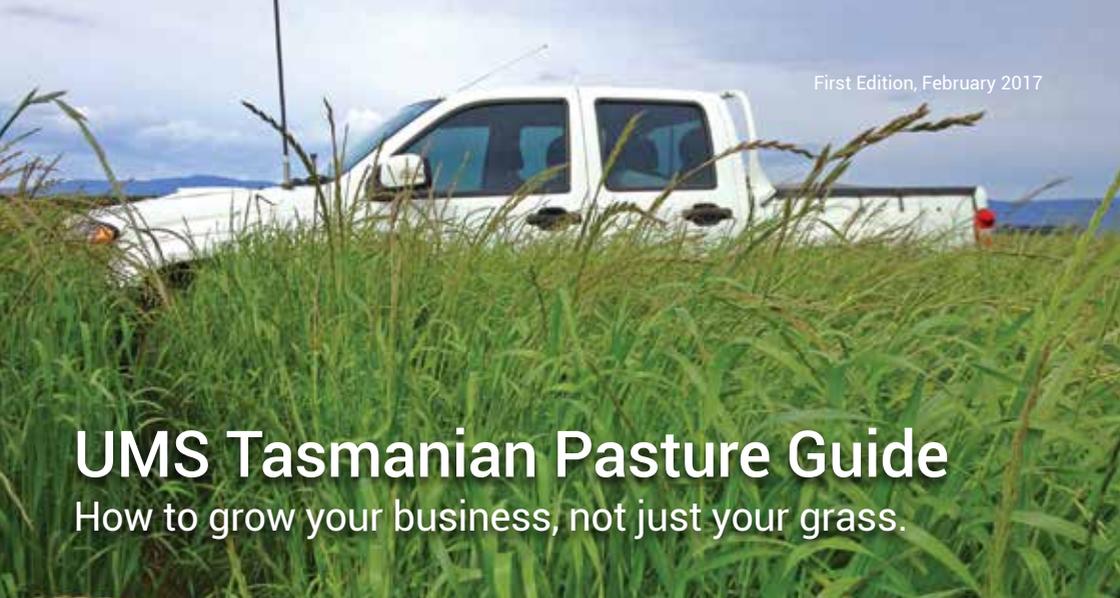


The Plant Breeders Rights (PBR) logo is the hallmark of authenticity and the rights are a form of intellectual property (IP), like patents or trade marks. When we develop a new plant variety, we protect our IP with PBR.

Plant Breeders Rights are granted to the breeder of a new variety to give the breeder exclusive control over the propagating material and harvested material of a new variety for a number of years.

In order to qualify for these exclusive rights, a variety must be new, distinct, uniform and stable.





# UMS Tasmanian Pasture Guide

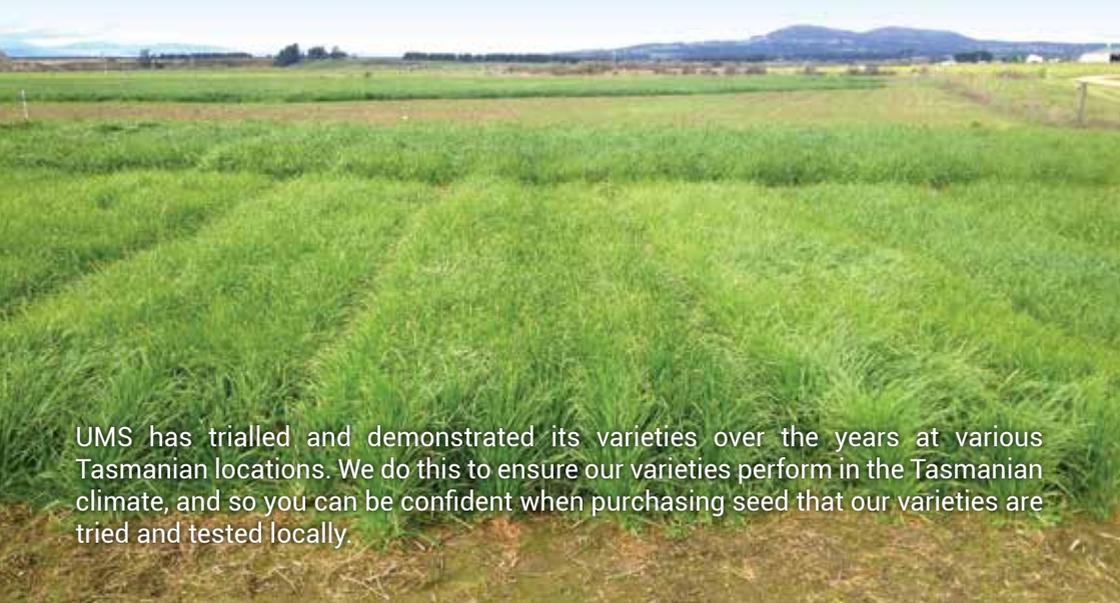
## How to grow your business, not just your grass.

Welcome to our new *Tasmanian Pasture Guide*, produced specifically to help growers in this important region select the right seed for the area and so grow your business, not just your pasture.

Upper Murray Seeds (UMS) was founded in 1993 as a proprietary seed company, based on four generations' experience in seed production and breeding. Nearly a quarter-century later, and with seed production farms in Tasmania, we are the largest, privately-owned, temperate seed producer in Australia.

UMS is vertically integrated, meaning we breed, grow, clean and market seed throughout Australia and overseas. We have significantly expanded from our origins in Victoria's Upper Murray region and UMS now produces seed across three states with a sharp focus on seed production in the Tasmanian Midlands.

Guided by our ambition to always produce seed that is **Australian bred for Australian conditions**, you can be confident UMS will provide you with seed that performs and persists in the tough Australian climate. Feel free to access our extensive agronomic knowledge to not only select the right seed, but also to optimise pasture management. We're here in Tasmania to help you grow your business, not just your grass.



UMS has trialled and demonstrated its varieties over the years at various Tasmanian locations. We do this to ensure our varieties perform in the Tasmanian climate, and so you can be confident when purchasing seed that our varieties are tried and tested locally.

## Research and Development

UMS seed breeding program is operated by Sheldon Agri, a private R&D company, that works with leading breeders, researchers, universities and government bodies to access the best seed varieties available.



Sheldon Agri is very patient with new varieties which generally take between 7-10 years of development before being commercially released. It's a slow process from breeding to evaluation, through trials to bulk-up, and finally Plant Breeders Rights (PBR) assessments prior to commercial release.

UMS has a series of demonstration sites across the country, **including Tasmania**, so there is certainty in knowing you are being recommended the right variety for your situation and environment. We know UMS varieties will perform for you, because if they don't perform for our own **Tasmanian grazing operation**, they get thrown out. UMS' seed performance in Tasmania is properly verified through the highly reputable **Southern Farming Systems** conducting independent, replicated, dry-matter trials, which compare our varieties with other market leaders and long standing performers.



Sowing Rate: 20-25 kg/ha Blend Rate: 5-15 kg/ha



Atomic is exceptionally fast out of the ground and has prolific winter growth. A late-maturing, annual tetraploid, Atomic produces excellent hay and silage and is a variety you can trust and rely on year after year. Atomic is a really good alternative to Tama types as it produces more in winter and has a longer season, meaning better quality silage.

**Key Features**

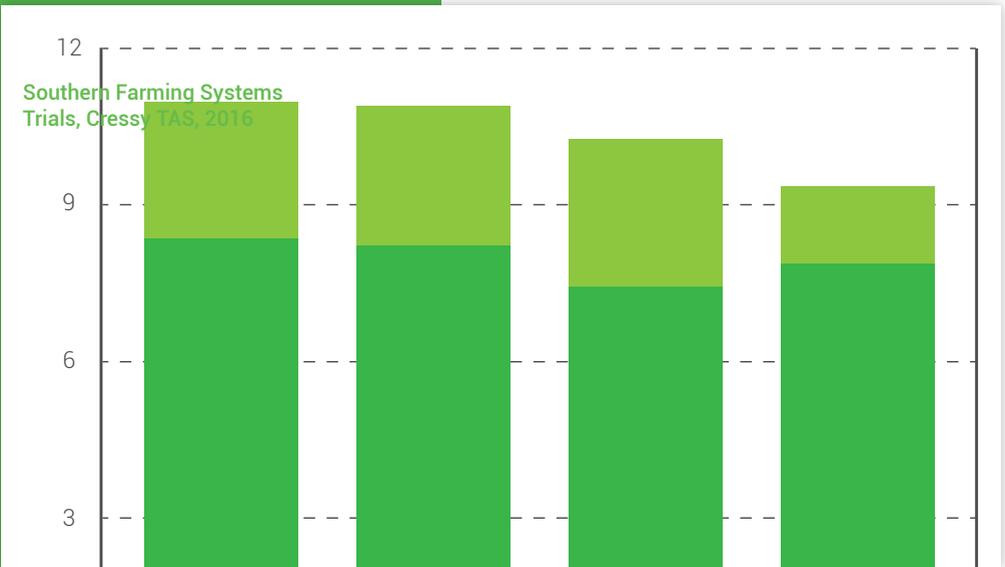
- Excellent winter production
- Extremely rapid growth
- Ideal for both hay and silage production
- Highly palatable and nutritious
- Strong vigorous seedling

**Plant Characteristics**

- Broadleaf tetraploid
- High tiller count
- Characterised by wide leaves and dense tillers

**Maturity**

- A late flowering variety
- Days to flowering relative to Nui (0) = +3





Fantastic is a dynamic, annual diploid ryegrass specifically bred for early winter feed.

**Key Features**

- Very fast to first grazing
- Produces excellent quality silage
- Very high leaf:stem ratio
- Highly resistant to crown rust

**Plant Characteristics**

- Densely tillered diploid
- Annual plant
- Characterised by fine leaves

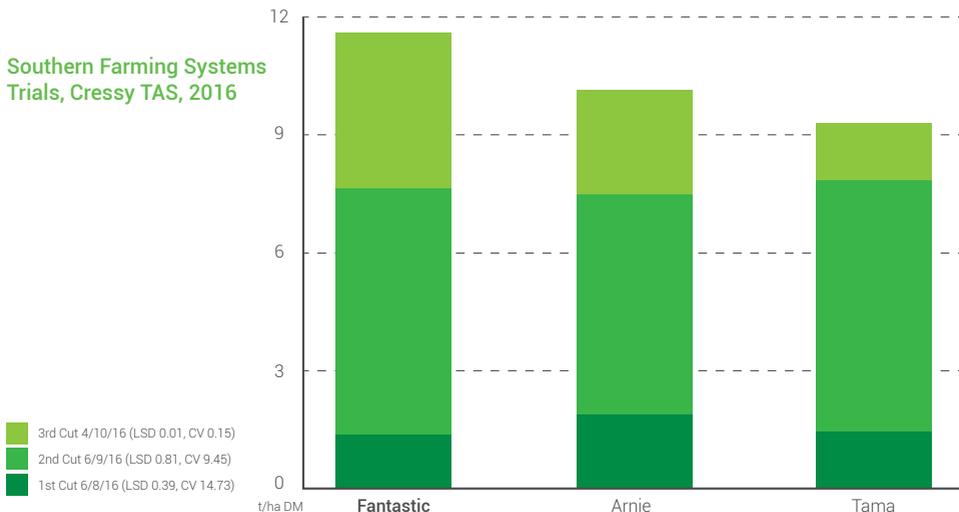
**Maturity**

- Early flowering date designed specifically for early winter feed
- Days to flowering relative to Nui (0) = -6



Sowing Rate: 25-30 kg/ha Blend Rate: 5-15 kg/ha

**Southern Farming Systems Trials, Cressy TAS, 2016**





Sowing Rate: 20-25 kg/ha Blend Rate: 5-15 kg/ha

# Awesome

SHORT TERM RYEGRASS

Awesome is a true Italian ryegrass designed for high yield and an extended season into summer. Awesome is easy to establish, has good grazing recovery and is suitable for over sowing.

### Key Features

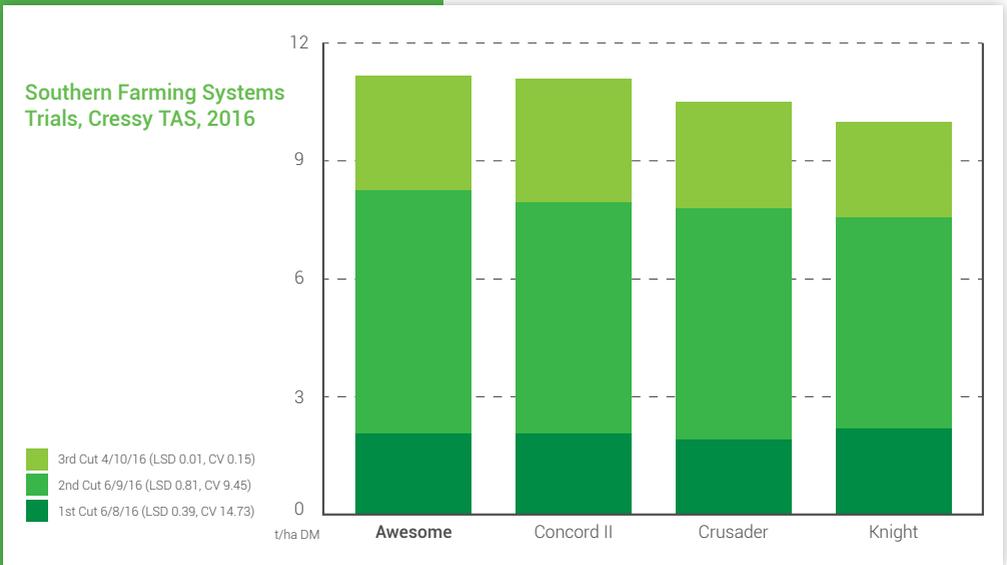
- Maintains quality late into season
- Densely tillered
- Produces high quality hay and silage
- Exceptionally rapid regrowth

### Plant Characteristics

- Diploid biennial type
- Italian parentage
- Will persist for 2 seasons in favourable conditions

### Maturity

- A very late maturing plant designed to produce DM well into summer if supplied with summer rainfall or irrigation.
- Days to flowering relative to Nui (0) = +18





Denver is a long-season, tetraploid Italian ryegrass with high seedling vigour and substantial winter growth. With Italian and French parentage, Denver was selected for high palatability, from significantly frost-prone areas of inland NSW.

#### **Key Features**

- Rapid establishment
- Excellent palatability
- Dynamic recovery from grazing and cutting
- Extremely disease resistant

#### **Plant Characteristics**

- Tetraploid Italian-type plant
- Designed to persist for 2-3 years under suitable conditions

#### **Maturity**

- A very late flowering plant designed to produce good quality feed late into the spring
- Days to flowering relative to Nui (0) = +16



Sowing Rate: 25-30 kg/ha Blend Rate: 5-15 kg/ha



Sowing Rate: 25-30 kg/ha Blend Rate: 15-20 kg/ha

## **Munch** PERENNIAL RYEGRASS

Munch is a high yielding, tetraploid perennial ryegrass which is ideal for dairy, beef and sheep systems. It combines high levels of metabolisable energy (ME), crude protein (CP) and water soluble carbohydrates (WSC) to create one of the best performing grasses on the market.

### **Key Features**

- Establishes rapidly
- Produces highly palatable feed late into the season
- Produces excellent quality hay and silage
- Regrows rapidly after grazing
- Ideal option in pasture mixes

### **Plant Characteristics**

- Tetraploid perennial ryegrass
- Low endophyte levels hence low risk
- Very palatable with high tiller density

### **Maturity**

- A late maturing plant designed to produce large amounts of dry matter well into summer (if conditions are suitable)
- Days to flowering relative to Nui (0) = + 25 days



Massive

Graza 50

Sowing Rate: 25-30 kg/ha Blend Rate: 5-15 kg/ha

## FORAGE



## UMS BLENDS



A modern forage-oat cultivar, Massive's large leaf is derived from a joint Australian/North American breeding program with the aim of not only providing good early feed but also a long season. Massive has the capacity to survive tough conditions.

### Plant Characteristics

- Very quick to first grazing, very late maturing
- Large seed size
- Good seedling vigour
- Excellent growth during Autumn, Winter and Spring
- High tolerance to grazing with low growing point
- Low susceptibility to leaf and stem rust in suitable conditions

*As shown at left, oat maturity is particularly important to maintaining quality at cutting, both for hay and silage.*

## Custom Blending

We understand that every paddock and every farm is different and you might need a special blend of pasture seed.

Our efficient custom blending service is centrally located in the Northern Midlands which means you can conveniently access a seed mix that perfectly suits your needs, whatever your budget or farming enterprise.

Talk to your UMS Area Manager to find out how we can help you grow premium pastures.

## WINTER ACTIVITY 7 AND HIGH-YIELDING IN SUMMER



Sowing Rate: 6-15 kg/ha Blend Rate: 1-4 kg/ha

Australian lucerne growers can really strike it rich with the phenomenal 'Silver' varieties of Lucerne, specifically bred in Australia to meet the unique demands of our environment and management practices. Silverosa GT Lucerne has achieved a reputation for excellent performance in cool climate regions of Victoria, NSW and Tasmania.

Call for a copy of the  
UMS Lucerne Guide - also  
available on our website

# Silverosa GT LUCERNE

Silverosa GT sets the benchmark for truly multipurpose, grazing-tolerant lucerne. It is highly productive and has inbuilt disease and pest resistance. It also provides premium forage quality **and** salt tolerance.

### Key Features

- High-yielding, premium quality lucerne suited to both intensive grazing and fodder production
- Extremely persistent with a winter activity of 7
- Rapid regrowth after grazing and cutting
- Tolerates high levels of salinity up to 10,000ppm (mg/L)
- Australian bred to suit all lucerne growing areas

### Plant Characteristics

- Erect, leafy growth habit
- Very high leaf:stem ratio in mature stands
- Fine leafy stems are very palatable in hay and forage
- Has broad crowns with dense stem regrowth
- High levels of ME and CP



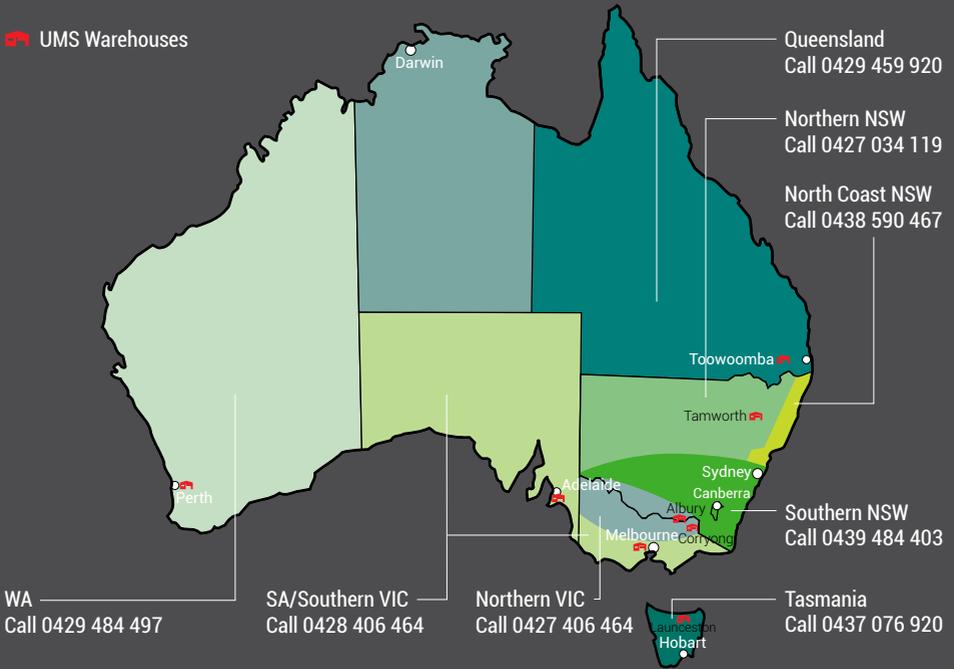
Silverosa is protected by patent.

Monto QLD 40 days after sowing



*Silverosa GT has very high seedling growth rates and excellent establishment rates.*

 UMS Warehouses



**Upper Murray Seeds®**  
*Sow much better*

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