

Serenade® Soil Activ is a soil-optimised addition to the Serenade family, developed to achieve superior colonisation of plant roots and improved uptake of soil resources.

Serenade Soil Activ is a beneficial bacteria, that colonises onion roots, creating a win-win relationship with the plant at the soil interface, improving nutrient availability to the plant and developing bulbs. This frequently results in better bulb uniformity and quality, and can improve shelf life during storage.

In assessments made of a recent trial in Tasmania on onion bulbs stored for 7 months after harvest, crop treated with Serenade Soil Activ resulted in 10% higher marketable yield, compared to the untreated control.

For more information on crop performance trials, speak to your Bayer representative today, or visit **serenadesoilactiv.com.au** 



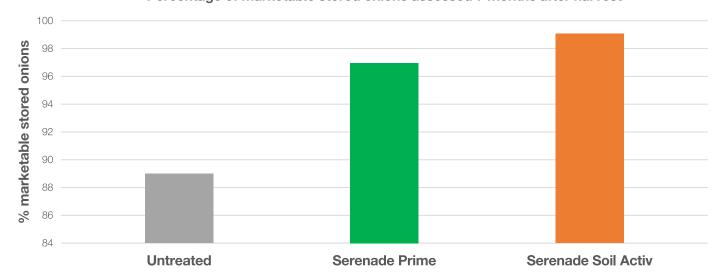


## **Increased Marketable Yield After Storage**

Strip harvest - Stored onions, Tasmania

Trial ID: D021AUSHSSA01

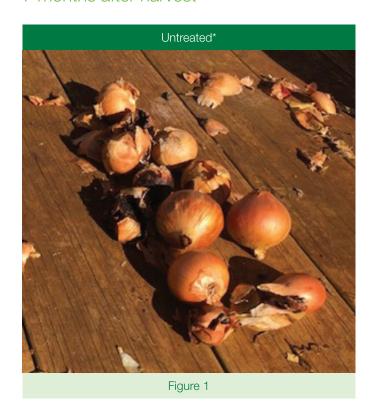
## Percentage of marketable stored onions assessed 7 months after harvest

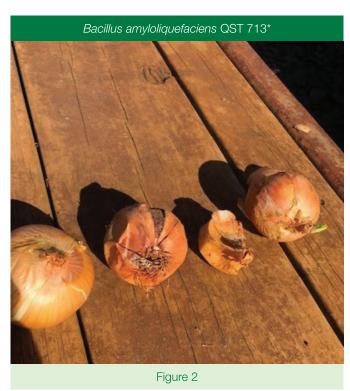


Treatment

## Unmarketable stored bulbs assessed

7 months after harvest





Images show unmarketable stored bulbs assessed 7 months after harvest. Figure 1 illustrates unmarketable bulbs graded during assessment from an untreated 100-bulb sample. Figure 2 illustrates unmarketable bulbs identified collectively in both treatments (2 x 100-bulb samples) of *Bacillus amyloliquefaciens* 713 (Serenade Prime and Serenade Soil Activ).

## Leaf nutrient analysis – 2-3 leaf onions Tasmania, 55 DAA1 1.6 600 +8% 1.4 +41% 500 1.2 400 +5% 8.0 300 0.6 200 +13% +3% 0.4 +40% 100 0.2 % % % % mg/kg mg/kg Calcium Magnesium **Phosphorus** Sulfur Iron Manganese Control Serenade Soil Activ Control Serenade Soil Activ