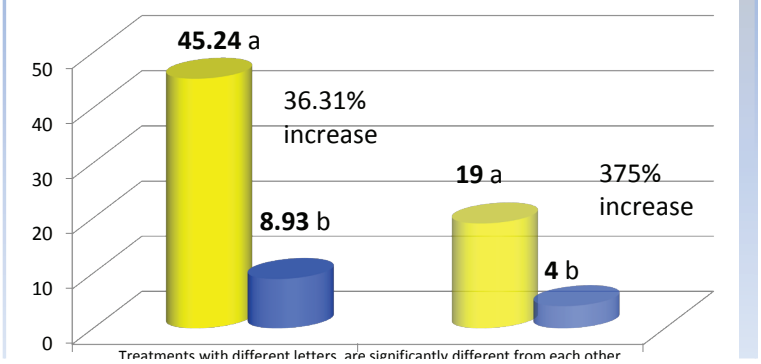
Improving quality and yield of TABLE GRAPES with Photon 500SG

Table grape growers face an annual challenge to produce fruit with excellent fruit finish early in the season to attract higher prices and to maximise yield in their vineyards. Photon 500SG gives growers a management tool that assists the plant to remain productive during periods of abiotic stress, either from chill, heat or other adverse growing conditions to ensure maximum yield and quality.

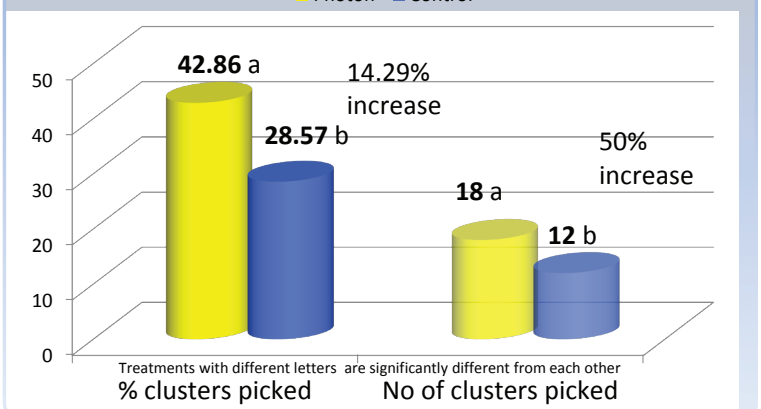
Trial Results

A trial was carried out in the Rapel region, Chile by Leonardo Vercellino García in the crimson seedless variety of table grape. Six applications of Photon were applied every 21 days beginning on December 1 2015 and concluding on February 18 2016. The results of the trial, as shown in graphs 1 & 2 indicate that Photon 500SG significantly increased both the % and number of clusters of grapes in the first and second harvest.

Graph 1: %/no of clusters in first harvest



Graph 2: %/no of clusters in second harvest



©Agricrop Pty Ltd 2017

The Product

Photon 500 SG is 500 g/kg water soluble granule which is a blend of dicarboxylic acids. These compounds are naturally occurring in many species of plants. It manipulates the plant stress sensors so as it can react more quickly and effectively to stress events.

Mode of Action

Photon 500 SG reduces the impact of stress, such as excess light, heat, drought, chilling and other environmental conditions that can negatively impact crop growth. It is applied as a foliar spray and may be applied in conjunction with all other crop protection and foliar products. Photon 500 SG remains effective in the plant for approximately 21 days after which it becomes inert.

Application and Timing

Apply Photon 500 SG at a rate of 4g/100L at bloom/capfall and every 15-21 days until just prior to harvest. A wetting agent should be added to aid in spreading over the leaf surface. Preferred surfactants include nonionic or organo-silicone adjuvants. When applying Photon 500 SG to crops at a per 100L rate, the rate per hectare SHOULD NOT go below 20 g/ha or exceed 40 g/ha. Photon500 SG must be applied 4 –5 days prior to a stress event to achieve maximum performance.

PHOTON™

For more information on Photon 500SG or to trial the product on your farm please contact:

Chris Lanz (NSW/SA & Trace Elements)	**0437 504 435**
Jim Lyons (VIC & National)	**0418 831 910**
Stewart Frankling (QLD, NT & WA)	**0447 558 219**

Agricrop Pty Ltd. A.C.N. 84 100 473 309. The information in this InfoNote is based on data believed by Agricrop to be accurate at the time of publication but is subject to change without notice. It is given in good faith but no warranty express of implied is made as to its accuracy, completeness of otherwise. Every person dealing with the products and/or materials referred to herein does so at their own risk absolutely and must make independent determination of suitability and completeness of information from all sources. Agricrop shall not be liable for any loss, injury, damage or death whether consequential or otherwise howsoever arising whether through negligence of otherwise in connection with the use or application of the products and/or materials referred to herein. © Copyright 2017