

ZADCO NEWS

Issue 1

Background about ZADCO

Zadco for Quality Gro is a company which offers a range of products and services to all growers nationwide. **Zadco** will ensure that the right tools are provided to secure maximum crop performance. In other words, “*You grow it. We balance feed it.*” This will ensure and achieve maximum crop quality, productivity and sustainability, which every grower wants to attain.

We can aid growers in **ALL** aspects of agricultural production and Crop nutrition. Our services include, **soil and leaf analysis**, plus **FREE CONSULTANCY**. We also have a range of products unique to our company which we use to implement our accurate recommendations to growers.

Soil is sent to America for analysis and the turn over time is 2-3 weeks. Leaf analysis is done in Australia however the results are sent to our lab in the USA for unique interpretation, based on an International Reference Level. The turn over time is 7-10 days maximum.

Our **CONSULTANCY** is **FREE OF CHARGE**. We only charge for our leaf and soil analysis and for our products. For further information about our range of products and distributors, please contact us.

Trials Conducted in Victoria

The past season proved to be quite successful in Mildura after the introduction of many successful complete nutritional programs offered by **Zadco** for Quality Gro P/L.

Trials were conducted with many well reputed growers in the industry and region on Wine and Table grapes, and the results proved to be outstanding.

Table Grapes:

Local growers in the Mildura district took up the challenge to follow a **Zadco** complete nutritional program and the results have spoken for themselves. The major crops which had trials conducted were Red Globe, Menindee, Thompson Seedless, Cardinals, and many others. Vineyard managers and owners followed the **Zadco** Program which consists of soil and leaf analysis and an integrated nutritional



Zadco for Quality Gro Pty. Ltd. can provide you with a complete nutritional program which can assist in achieving results just like those above and below. (Pictures courtesy of Graeme Stone's Red Globe (above) and Tom Wilkinson 2nd Crop Red globe.



program. Based on soil and leaf analysis, growers were advised to use the **Zadco** products and services.

Outstanding results were obtained by Tom Wilkinson on his Thompson Seedless and Red Globe with bunches of Thompson Seedless weighing up to 3kg and berries measuring up to 22⁺mm in diameter. There was also minimal berry shatter with the Thompson seedless which is susceptible to berry shatter.

The correct use of **Zadco** products at critical stages in production will facilitate the balanced growth of the vine, and hence promote vigorous, productive vines. One of the most notable of crops following the **Zadco** program is the outstanding quality of the fruit.

Correct nutritional programs promote longer postharvest life, sweeter, riper and firmer fruit. One of the most important attributes was the intensity of colour in the fruit whether it be table grapes or wine grapes.

Mr Graeme Stone also followed a **Zadco** Program and felt “This is the best crop I have ever had in Quality and Quantity.” Despite the poor weather

conditions this season, grapes ripened as usual and yields were still as high as 34T/ha packed. The grapes present on the front are taken from Mr. Stones' Red Globe Crop. The uniformity of ripening and evenness of colour were other outstanding points obtained from the **Zadco** integrated nutritional programs.



**MR
GRAEME
STONE AND
MR. TONY
ZADY
SHOWING
OFF
"BRICKY'S
BEST"
MENINDEE**

Important features of the **Zadco** integrated nutritional programs include soil sampling and the 3-4 leaf samples taken throughout critical stages of growth and development of the vine. For plants deficient in several nutrient elements, it is impossible to determine which elements limit the yield the most using conventional analysis methods.

Also since nutrient concentrations vary with plant parts, stages of growth, varieties and environmental factors, the conventional methods do not illustrate the concept of balance among nutrients. When several nutrient elements are deficient in the crop, this system is able to rank them accordingly to their importance for maximum yield.

In many field experiments, using the J.H Biotech analysis method increased yields, but using the critical-level approach did not duplicate this. The **Zadco** integrated nutritional programs proved to be very economical for growers, weighed against the results and returns.

Wine Grapes

Many growers in the region obtained outstanding results from the **Zadco** nutritional program on wine grapes. Many renowned growers have been using **Zadco** products for the past few years and have found that combinations of different **Zadco** products has given outstanding results every season.

Major points to reflect upon from these trials are the successful early ripening of high yielding vines, the great Baume levels achieved early in the season in both reds and whites, the firmness of berries, and the

thickness of berry peel and intensity of colour, and finally, minimal berry shatter.

An interesting success story is **Mattson Enterprises (contractors and vineyard establishers)**. Mattson Enterprises Pty Ltd uses the **Zadco** package of products within two key areas of the business, the vineyard and the vine nursery. The use of these products during the 98/99 season has proven to be excellent in the overall growth and production of the vineyard and nursery. The use of these products has helped achieve the following harvest results. Production for 1999 :-

Shiraz (10.5 acres) tonnage reached 101.1 with an average Baume level of 12.25 (in Early March).

Chardonnay (10 acres) tonnage reached 94.09 with an average Baume level of 13.65.

The package of products used are: Tri-D25



**MR JAMES MATTSON
OF MATTSON
ENTERPRISES**

(Trichoderma), Fertile, Humax, Biomin Trace Elements, and K-Forte. "It's with the excellent service, and personalised attention provided by the **Zadco** team that allows us to achieve a high standard of results within the vineyard and the nursery" states the team at Mattson Enterprises.

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