SLTEC FERTILIZERS

Quality Ingredients Australian Made Family Owned

GOOD NEWS STORY

CORPORATE CUSTOMER REVIEW

Boundary Bend Olives Benefiting From SprayNPK Custom Blends

After realising the numerous benefits of SLTEC's SprayNPK custom blends on its 2,700 hectare olive grove at Boort, Vic, Boundary Bend has also implemented this approach to its 3000ha Boundary Bend, SA, plantation.

Tim Facey, Boundary Bend Management's farm manager at Boort, is especially enthusiastic about the operational advantages of using SLTEC's blends.

Managing the fertiliser and nutrition on this large scale operation is extremely challenging and a range of fertigation and foliar sprays are required to balance the crop requirements – especially for micro nutrients and trace elements. It takes the Boort enterprise's fleet of six Silvan 3,500 litre airblast sprayers and operators up to three weeks to cover the whole grove – a task that can be implemented up to four times each season depending on crop and seasonal conditions. Prompt responses to crop needs and timeliness are vital; no wonder Tim says "quicker is better".

In 2007 SLTEC and Boundary Bend Management worked together on a series of foliar custom blend sprays.

"Prior to working with SLTEC we used to have to mix four different foliar products together in the field in order gain the nutrient composition required for the crop at various times of the year", Tim said. "This took four times longer and created a range of challenges, particularly during night spraying situations," Tim recalled

"We now have one high analysis foliar fertiliser product rather than four, saving time, improving accuracy and field safety. Importantly, the crop has for the past two seasons responded well to the product, further assisting us to meet our yield and quality expectations, Tim added.

"If a tree needs it now we can do it now – it's better for the trees."

Handling the SLTEC SprayNPK Custom Blends as bulk liquids is also "very OH&S friendly", Tim added. "There is no direct contact between the operator and the product and there is no human error in mixing."

Overall SLTEC's custom blends give us significant advantages in product handling, safety, speed of response and timeliness of operations, Tim concluded.

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Examples of SLTEC Products suited for Olive Production

	GREEN and GRO			SpringSTART	SprayNPK		SUSTAIN&GRO	
Product Code	**GG0009**	**GG0033**	**GG0024**	**SS9002**	**SNPK0002**	**SNPK0005**	**SG0001**	**SG0009**
NAME	**Horti Baseline PLUS**	**UAN & 3% Humate**	**Cal Mag & Boron**	**SS 11:16:0 + Kelp**	**Olive Autumn Blend (H4EDTA V4)**	**Olive Spring Foliar**	**Triple Shot Biostimulant**	**BiologiCAL**
N% (w/v)	11.5	41.1	12.2	10.3	1.0	3.5	0.4	0.01
P% (w/v)	4.7	-	-	14.3	7.3	6.0	1.6	0.1
K% (w/v)	13.4	0.2	-	0.3	9.6	11.2	2.5	2.0
S% (w/v)	1.9	-	-	-	0.3	0.6	0.2	1.5
Ca% (w/v)	0.007	-	12.0	-	-	-	0.1	6.0
Other (w/v)	N as Urea 11.54%, P as PO4 4.7%, Fulvic Acid 0.03%, Humic Acid 0.74%, Ca 0.007%, Mg 0.23%, Mn 0.006%, Zn 0.01%, Cu 0.005%, B 0.02%, Fe 0.01%	N as NO3 10.3%, N as NH4 10.3%, N as Urea 20.6%, Fe 0.005%, Si 0.005%, Fulvic Acid 0.03%, Humic Acid 0.8%	N as NO3 12.2%, Mg 3.4%, B 0.23%	N as NH4 10.3%, P as PO4 14.3%, Kelp 1.9%	N 1%, P as PO4 3.9%, P as Phosphonic Acid 3.3%, Mg 0.3%, Zn 0.27%, B 0.11%, Fe 0.19%	N as NH4 2%, N as Urea 1.5%, P as PO4 0.8%, P as Phosphonic Acid 5.2%, Mg 0.2%, Mn 0.25%, Zn 0.29%, Cu 0.05%, Mo 0.008%, B 0.03%, Fe 0.15%	N as NO3 0.4%, P as PO4 1.6%, Zn 0.001%, B 0.001%, Fe 0.03%, Si 0.11%, Fulvic Acid 0.26%, Fish Emulsion 8%, Humic Acid 6.6%, Kelp 8%	N as NO3 0.01%, P as PO4 0.1%, Fe 0.001%, Si 0.004%, Fulvic Acid 0.009%, Fish Emulsion 0.3%, Humic Acid 0.2%, Kelp 0.3%, Molasses 0.3%
Specific Gravity (kg/L)	1.30	1.31	1.49	1.29	1.22	1.22	1.12	1.15
pH Range	6.5 to 7.0	6.0 to 7.0	2.0 to 2.5	6.0 to 7.0	7.0 to 7.5	6.5 to 7.0	3.0 to 3.5	6.0 to 7.0
Typical Fertigation Application Rates (L/Ha)	30 to 70 L/Ha	20 to 80 L/Ha	35 to 80 L/Ha	20 to 100 L/Ha	N/A	N/A	40 to 100 L/Ha	20 to 60 L/Ha
Typical Application Rates (Popup, Banded with Seed, Directed Soil Spray) (L/Ha)	25 to 80 L/Ha	50 to 150 L/Ha	50 to 110 L/Ha as Soil Application	5 to 15 L/Ha with up to 100 L/Ha of Water as a Popup for Row Crops 15 to 100 L/Ha Banded with Seed (Depending on Crop) 20 to 200 L/Ha Direct Soil Spray Application (Depending on Crop)	N/A	N/A	60 to 150 L/Ha	40 to 150 L/Ha for Directed Soil Spray to treat Saline, Sodic & Magnesic Soils. 4-7 L/Ha as a Liquid Injection in Furrow (at planting)
Typical Foliar Application Rates (L/Ha) (Note: Seek Agronomic Advice for Crop Specific Rates)	1 to 5 (with 800 to 1000 L/Ha Water)	3 to 20 L/Ha in 200 to 500 L/Ha Water	5 to 10 L/ha with 1000 L/Ha Water	1 to 2 L with a minimum of 100 L Water/Ha (i.e. 1 to 2% Solution w/v) Vegetables: Young Foliage (0.5% Solution w/v), Mature Foliage (1% w/v). Tree Crops: 0.25% Solution w/v	15 to 25 L/Ha (with 800 to 1000 L/Ha Water)	5 to 15 L/Ha (with 800 to 1000 L/Ha Water)	Apply 1 to 4 L/Ha with 200 to 400 L/Ha water	Apply 4 to 8 L/Ha with 400 to 500 L/Ha water depending on Crop Type

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are available through our office,
our dealer network
and our website: www.sltec.com.au

Product Advisories include:
Green and Gro®, Spring Start®,
SprayNPK®, Sustain & Gro®,
Turf & Landscape®,
Fertigation Tanks,
Balanced Agronomy

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