

# G3 Technology

Representative data is shown below. Additional trial information is available on request.

## Tomato Data

Our lead dicarboxylic acid, CMM2009A provided yield enhancement, reduced flower abortion, reduced sunburn and yielded soluble solids equal to Screen and Screen Duo. All treatments were applied from transplanting to just prior to harvest.

Treatment	Aborted Flowers/m <sup>2</sup>	Yield Red Ton/ha	Percent Sunburn	Soluble Solids t/ha
Untreated	13.3	99.5	15.3	4.5
Screen 25/12.5 kg/ha	2.8	145.6	5.9	6.6
Screen Duo 12.5/6.25 kg/ha	3	134.6	7.2	6.2
CMM2009A 2 to 9 g/ha	5	131	4.8	6.2
Screen +CMM2009A	2	144.7	7.4	6.6
LSD 0.05	2.37	10.64	2.39	0.5

## Apple Data

Heat and light stress reduced apple sizes, yield and caused a loss of 25% due to sunburn. CMM2009A increased apple size 13%, total yield 32%, and marketable yield ( non-sunburned) 50% compared to the untreated. All treatments received the same number of applications. CMM 2009A at 1.8g/100l performed as well as the Screen standards at 2.5 or 1.25 kg/100l.

Treatment	Apple size g/apple	Total Yield Ton/ha	Percent Marketable (no sunburn)	Yield Marketable Fruit t/ha
Untreated	134	28.4	76.8	21.83
Screen 2.5/1.25 kg/100 liter	154	40.4	90	36.33
Screen Duo 1.25/0.625 kg/100 liter	152	40.8	89.8	36.64
CMM2009A 1,8 g/100 liter	152	37.4	87.4	32.7
Screen +CMM2009A	151	39.1	87.7	34.34
LSD 0.05	9.53	3.9	2.66	3.59