

EFFECT OF INCA ON STRAWBERRY

VARIETY: Sonata

DATE: December 2008

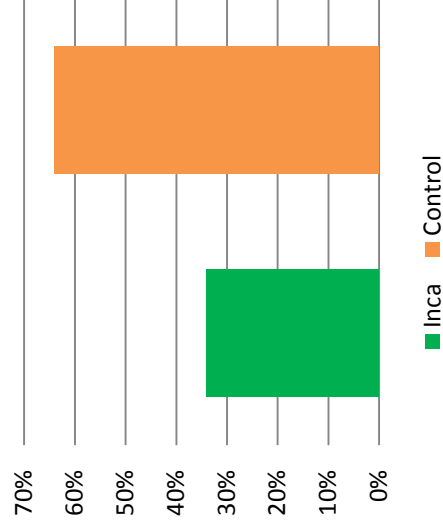
No ASSESSMENTS: 3

CONDUCTED BY : The Greenery

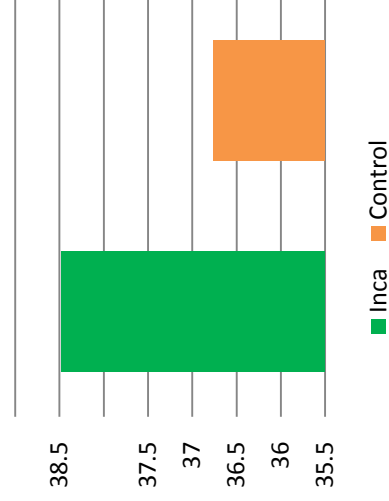


PLOT	Avg. Calcium level
InCa	16mg/100g
Control	14.9mg/100g

% rot over 8 day accelerated storage



Total yield Average Tonnes/ hectare



EFFECT OF INCA ON QUALITY IN SONATA STRAWBERRY

Valuation of INCA effect in the reduction of breakdown rots during storage of Sonata Strawberry compared to standard calcium programme and evaluation of yield from 18 harvests

No APPLICATIONS: 8

Dose: INCA: 1.0 lt per Ha

Control : Calcium Nitrate only

Plot size: 6 x 1ha

Timing : applications every two weeks from 3rd true leaf stage till end harvest

LOCATION:

Spoorwegemplacement 1
2991 VT Barendrecht, Netherlands

COMMENTS

INCA reduced the incidence of storage breakdown rots by 50% and increased the average yield by 1.8 tonnes per hectare

EFFECT OF INCA ON STRAWBERRY

VARIETY: Camarillo & Jubilee

DATE: August 2008

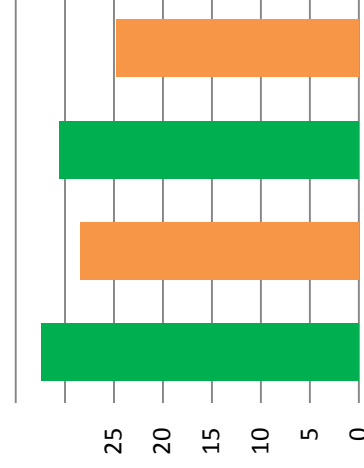
No ASSESSMENTS: 2

CONDUCTED BY : KG Growers



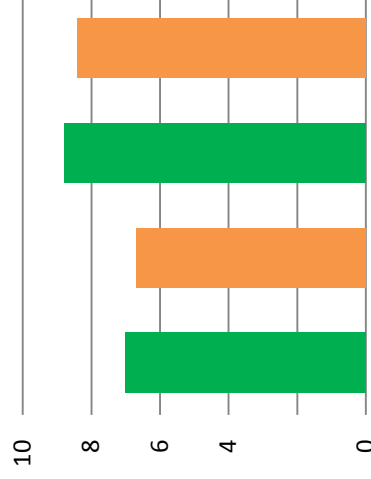
PLOT	Calcium units applied
InCa	10
Control	48

Calcium level mg/kg



■ Inca Cam. ■ Control Cam.
■ Inca Jub. ■ Control Jub.

Brix levels



■ Inca Cam. ■ Control Cam.
■ Inca Jub. ■ Control Jub.

EFFECT OF INCA ON CALCIUM LEVELS AND BRIX IN STRAWBERRY

Valuation of INCA effect in the levels of calcium and brix in berry on Driscoll strawberry varieties Camarillo and Jubilee

No APPLICATIONS: 2

Dose: INCA: 1.0 lt per Ha

Control : Vitalise and Seniphos: 8.0 lt per Ha

Timing : applications at two week intervals from flowering to harvest

LOCATION:

Tamworth, Midlands, UK

COMMENTS

INCA increased the calcium level by 25% in the berries of both varieties and increased brix by ½ degree in just two sprays.

EFFECT OF INCA ON ELSANTA STRAWBERRY

VARIETY: *Elsanta Netherlands*

DATE: *May 2008*

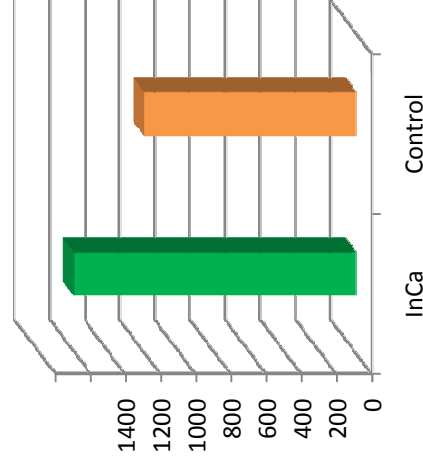
No ASSESSMENTS: 2

CONDUCTED BY : *Klep B.V*

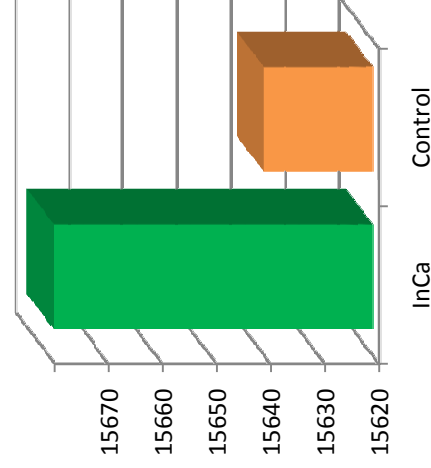


PLOT	Calcium units applied
InCa	15
Control	80

Fruit Calcium



Fruit Potassium



Fruit analysis by Groen agro

EFFECT OF INCA ON CALCIUM LEVELS AND BRIX NUTRIENTS IN STRAWBERRY

Valuation of INCA effect in the levels of calcium and potassium in berry on soil grown Elsanta strawberry

No APPLICATIONS: 3

Dose: INCA: 1.0 lt per Ha from pollination

Control : Calcium EDTA 8% CaO: 2 lts per Ha from 3rd true leaf stage

Timing : applications at two week intervals until end harvest

LOCATION:

Etten Leur, Netherlands

COMMENTS

INCA increased the calcium level by 30% in the berries with only 18% of applied calcium. Fruit potassium levels were also lifted by 40 mmols.

EFFECT OF INCA ON ELSANTA STRAWBERRY

VARIETY: *Elsanta Netherlands*

DATE: *May 2008*

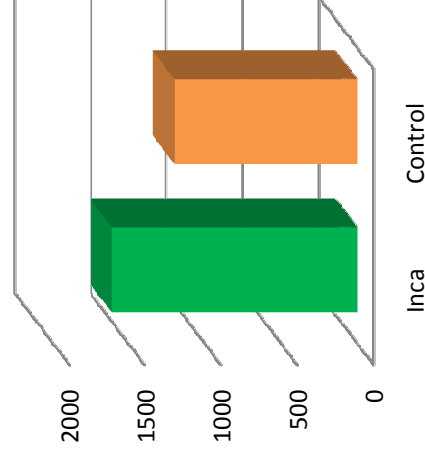
No ASSESSMENTS: 2

CONDUCTED BY : *Klep B.V*

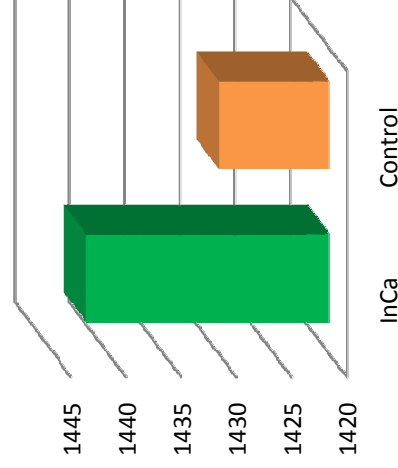


PLOT	Calcium units applied
InCa	15
Control	80

Fruit calcium mmol/kg



Fruit Magnesium mmol/kg



Fruit analysis by Groen agro

EFFECT OF INCA ON CALCIUM LEVELS AND BRIX NUTRIENTS IN STRAWBERRY

Valuation of INCA effect in the levels of calcium and magnesium in berry on soil grown Elsanta strawberry under black mulch

No APPLICATIONS: 3

Dose: INCA: 1.0 lt per Ha from pollination

Control : Calcium EDTA 8% CaO: 2 lts per Ha from 3rd true leaf stage

Timing : applications at two week intervals until end harvest

LOCATION:

Breda, Netherlands

COMMENTS

INCA increased the calcium level by 30% in the berries with only 18% of applied calcium. Fruit magnesium levels were also lifted by 13 mmols using Inca to aid Mg mobility.

EFFECT OF INCA ON ELSANTA STRAWBERRY PLANTS

VARIETY: Elsanta Netherlands

DATE: May –Oct 2008

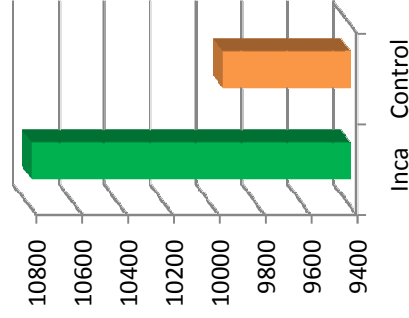
No ASSESSMENTS: 3

CONDUCTED BY : Independent advisor

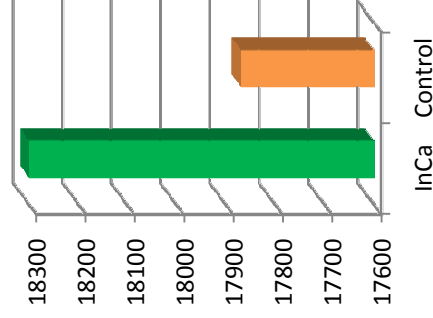


PLOT	Calcium units applied
InCa	40
Control	128

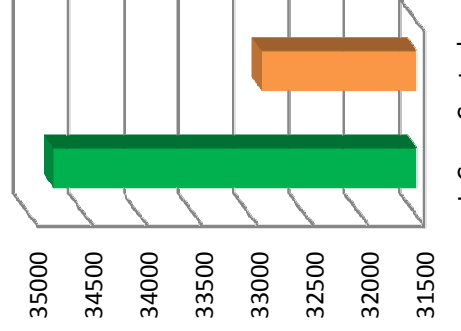
Leaf calcium level



Leaf potassium level



Leaf magnesium level



Tissue analysis by Groen agro

EFFECT OF INCA ON CALCIUM LEVELS AND BRIX NUTRIENTS IN STRAWBERRY PLANTS

Valuation of INCA effect in the levels of calcium and magnesium in berry on soil grown Elsanta strawberry plants under black mulch

No APPLICATIONS: 8

Dose: INCA: 1.0 lt per Ha from May - October

Control : Calcium EDTA 8% CaO: 2 lts per Ha from May - October

Timing : applications at two week intervals until lifting

LOCATION:

Leiroop, Netherlands

COMMENTS

INCA increased the calcium level by 10% in the crown with only 30% of applied calcium. Plant potassium and magnesium levels were also lifted by 500 mmols and 2000 mmols respectively. Inca significantly aided mobility of K and mg in this trial

EFFECT OF INCA ON STRAWBERRY

VARIETY: *Elsanta, Scotland*

DATE: *July 2008*

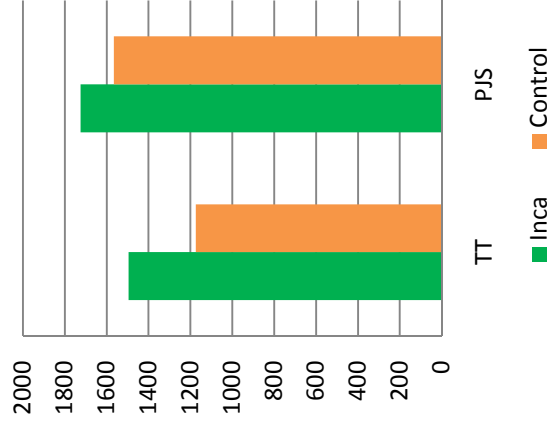
No ASSESSMENTS: 2

CONDUCTED BY : *Independent advisor*

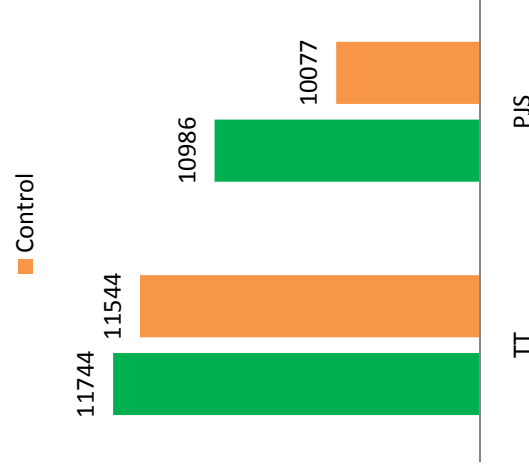


PLOT	Calcium units applied
InCa	15
Control	78

CALCIUM LEVEL IN FRUIT



DRY MATTER IN FRUIT



EFFECT OF INCA ON CALCIUM LEVELS AND DRY MATTER IN STRAWBERRY PLANTS

Valuation of INCA effect on the levels of calcium and dry matter content in berry on soil grown Elsanta strawberry

No APPLICATIONS: 3

Dose: INCA: 1.0 lt per Ha

Control : Zero N CalMax 13% CaO: 2 lts per ha

Timing : applications at two week intervals from flowering to harvest

LOCATION:

Blairgowrie, Scotland

COMMENTS

INCA increased the calcium level by 15-20% in the fruit with only 3 application to the fruit. Fruit dry matter was also increased by 10-15% which aided fruit firmness and storage