



APPLES



Country: Poland - Grojec

Year: 2011

Crop: Apple – Variety Ligol

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Colouration, Calibration

Control



Herbagreen



Control



Herbagreen





APPLES



Country: Germany

Year: 2012

Crop: Apple

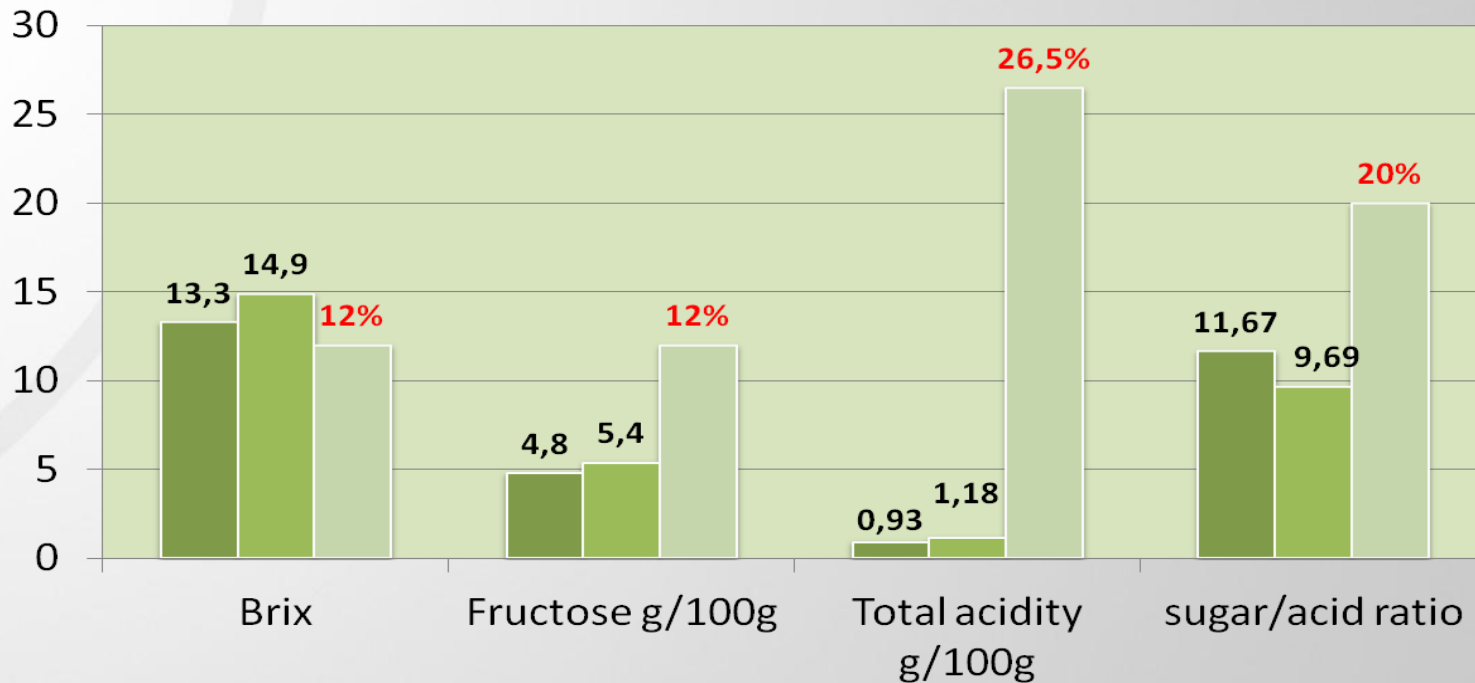
Trial: Field Trial

Realised by: SGS Fresenius GmbH

Testing Parameter: Brix, Fructose, Total acidity, Sugar/Acid ratio



■ Apples Control ■ Apples herbagreen® ■ Increase in %





APPLES



Country: Germany

Year: 2012

Crop: Apple

Trial: Field Trial

Realised by: SGS Fresenius GmbH

Testing Parameter: Brix, Fructose, Sugar/Acid Ratio, Total acidity

Control

herbagreen®

SGS INSTITUT FRESENIUS GmbH · Röderstraße 8 - 10 · D-79104 Freiburg
Sanovita
Vertriebs- und Produktions GmbH
Bahnhofstraße 71
78532 Tuttingen

Freiburg, 26.09.2012 / KH

INSTITUT
FRESENIUS

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de.fg.zentrale@sgs.com

Consumer Testing Services
Food & Beverages

SGS INSTITUT FRESENIUS GmbH
Röderstraße 8 - 10
D-79104 Freiburg
(ehemals Chemisches Laboratorium Dr. Merten GmbH)

PRÜFBERICHT

Probennummer: 1219006
Probenbezeichnung: 1 Pr. Apfel
Artikel-/Auftrag-Nr.: B
Eingangsdatum: 11.09.2012
Prüfdauer: 11.09.2012 - 26.09.2012

Analysenbeginn: 13.09.2012

Chemische Analyse		
Brix	13,3	Brix
Glucose SOP M 1518 (enzymatisch)	0,556	g/100 g
Fructose SOP M 1518 (enzymatisch)	4,8	g/100 g
Saccharose SOP M 1518 (enzymatisch)	5,5	g/100 g
Gesamtäure ber. als Äpfelsäure SOP M 1556 (volumetrisch) Zucker-Säure-Verhältnis	0,930	g/100 g
	11,67	

Unterzeichner: I.A. Nicola Haupt
Food Chemist
Analytical Consultant Food

Seite 1 von 2

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78532 Tuttingen

Freiburg, 26.09.2012 / KH

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PRÜFBERICHT

Probennummer: 1219001
Probenbezeichnung: 1 Pr. Apfel
Artikel-/Auftrag-Nr.: A
Eingangsdatum: 11.09.2012
Prüfdauer: 11.09.2012 - 26.09.2012

Analysenbeginn: 13.09.2012

Chemische Analyse		
Brix	14,9	Brix
Glucose SOP M 1518 (enzymatisch)	0,540	g/100 g
Fructose SOP M 1518 (enzymatisch)	5,400	g/100 g
Saccharose SOP M 1518 (enzymatisch)	5,5	g/100 g
Gesamtäure ber. als Äpfelsäure SOP M 1556 (volumetrisch) Zucker-Säure-Verhältnis	1,180	g/100 g
	9,69	

Unterzeichner: I.A. Nicola Haupt
Food Chemist
Analytical Consultant Food

Seite 1 von 2

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APPLES
herbagreen®
 12 % higher Brix
 12 % higher Fructose
 26,5% higher total
 acidity
 20 % improved
 sugar/acid ratio



APPLES



Country: Italy

Year: 2013 - 2015

Crop: Apple - Variety: Modi, Gala, Braeburn and Granny

Trial: Field Trial - Hilberhof/Bolzano

Realised by: Dr. Dr. Erwin Mayr, Richard Klauser

Testing Parameter: Yield increase, Cost/Benefit ratio

Variety	Year 2013	Year 2014	Year 2015	Average Ø
Modi	+ 11%	+ 30%	+ 11%	+ 17.3%
Gala	+ 16%	+ 17%	+ 20%	+ 17,6%
Braeburn	+ 29%	+ 22%	+ 18%	+ 23,0%
Granny	+ 13%	+ 20%	+ 20%	+ 17,6%

Variety	Ø Yield/ha Control	Ø Yield/ha herbagreen®	Cost /Benefit Ratio
Modi	40 t /ha	46,9 t/ha	€ 1 - € 3,27
Gala	55 t/ha	64,7 t/ha	€ 1 - € 5,89
Braeburn	75 t/ha	92,2 t/ha	€ 1 - € 8,83
Granny	80 t/ha	94,1 t/ha	€ 1 - € 7,62



APPLES



Country: Morocco

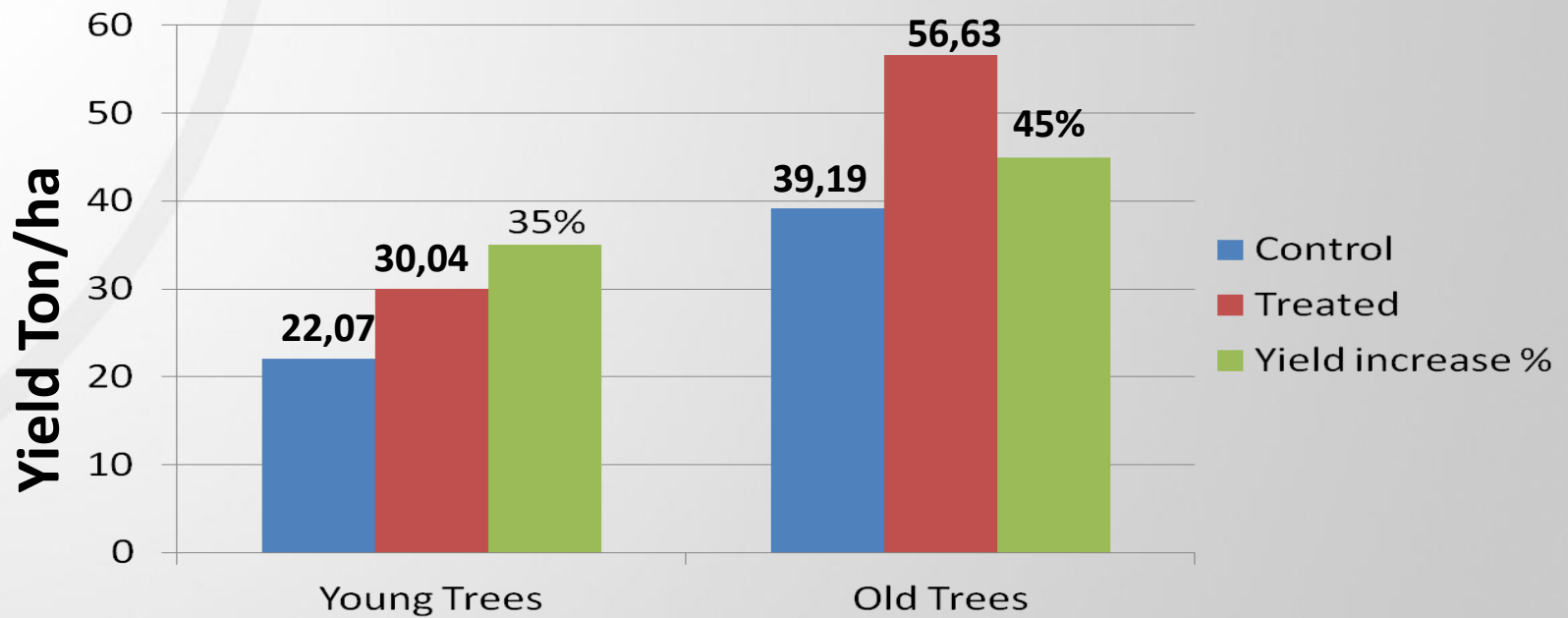
Year: 2015

Crop: Apple - Variety: Gala

Trial: Field Trial

Realised by: Maia Afrique

Testing Parameter: Yield increase – Young Trees / Old Trees





APPLES



Country: Morocco

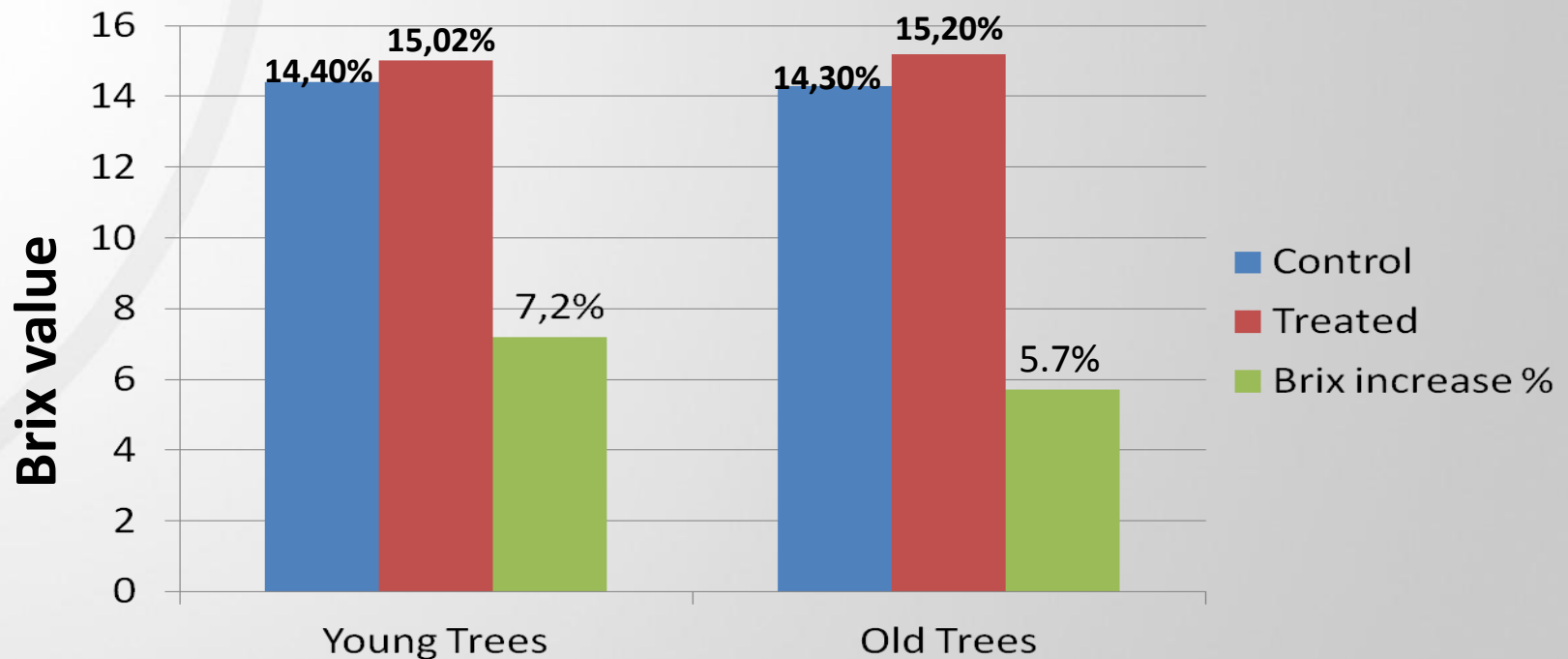
Year: 2015

Crop: Apple - Variety: Gala

Trial: Field Trial

Realised by: Maia Afrique

Testing Parameter: Brix value – Young Trees / Old Trees





APPLES



Country: Morocco

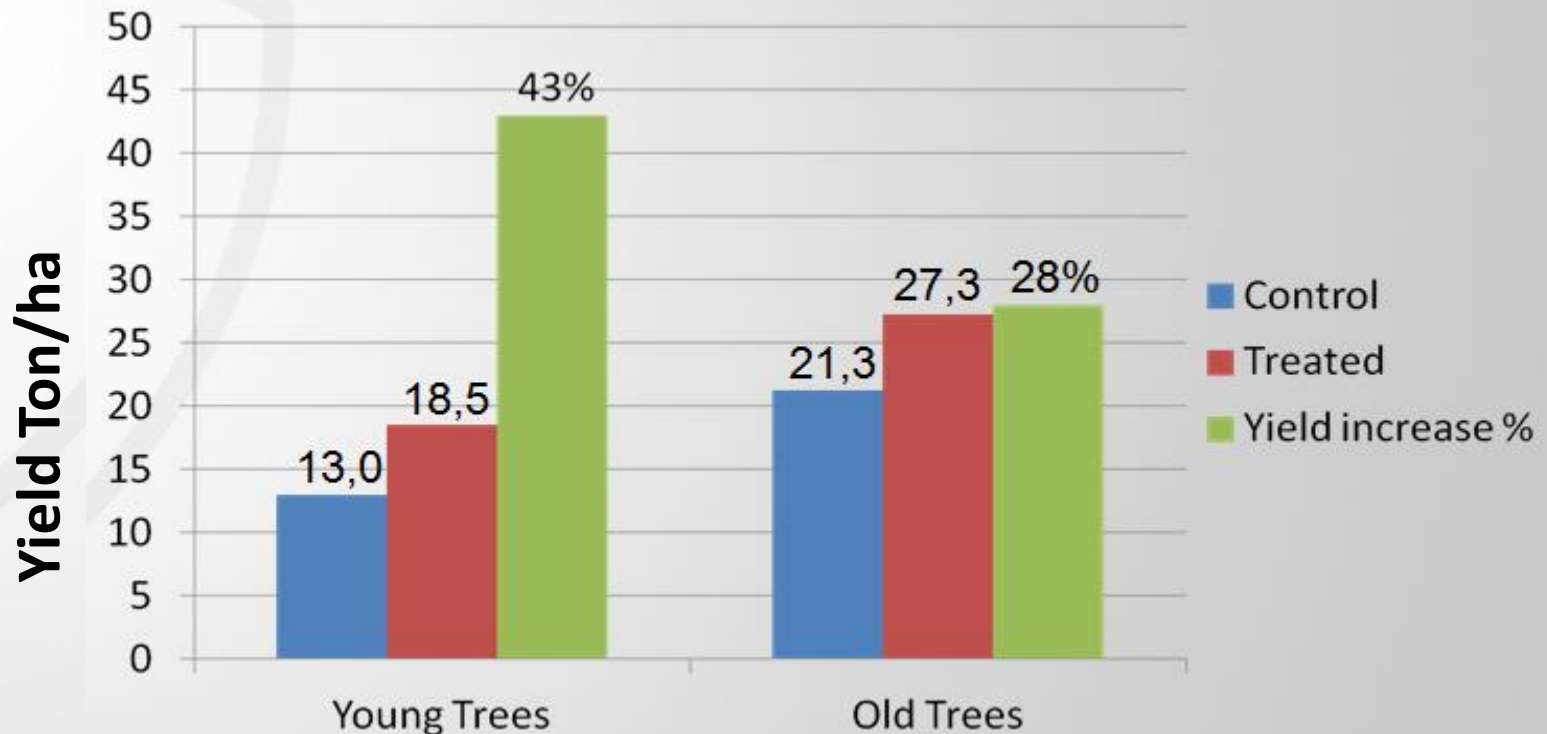
Year: 2015

Crop: Apple - Variety: Golden Delicious

Trial: Field Trial

Realised by: Maia Afrique

Testing Parameter: Yield increase – Young Trees / Old Trees





APPLES



Country: Morocco

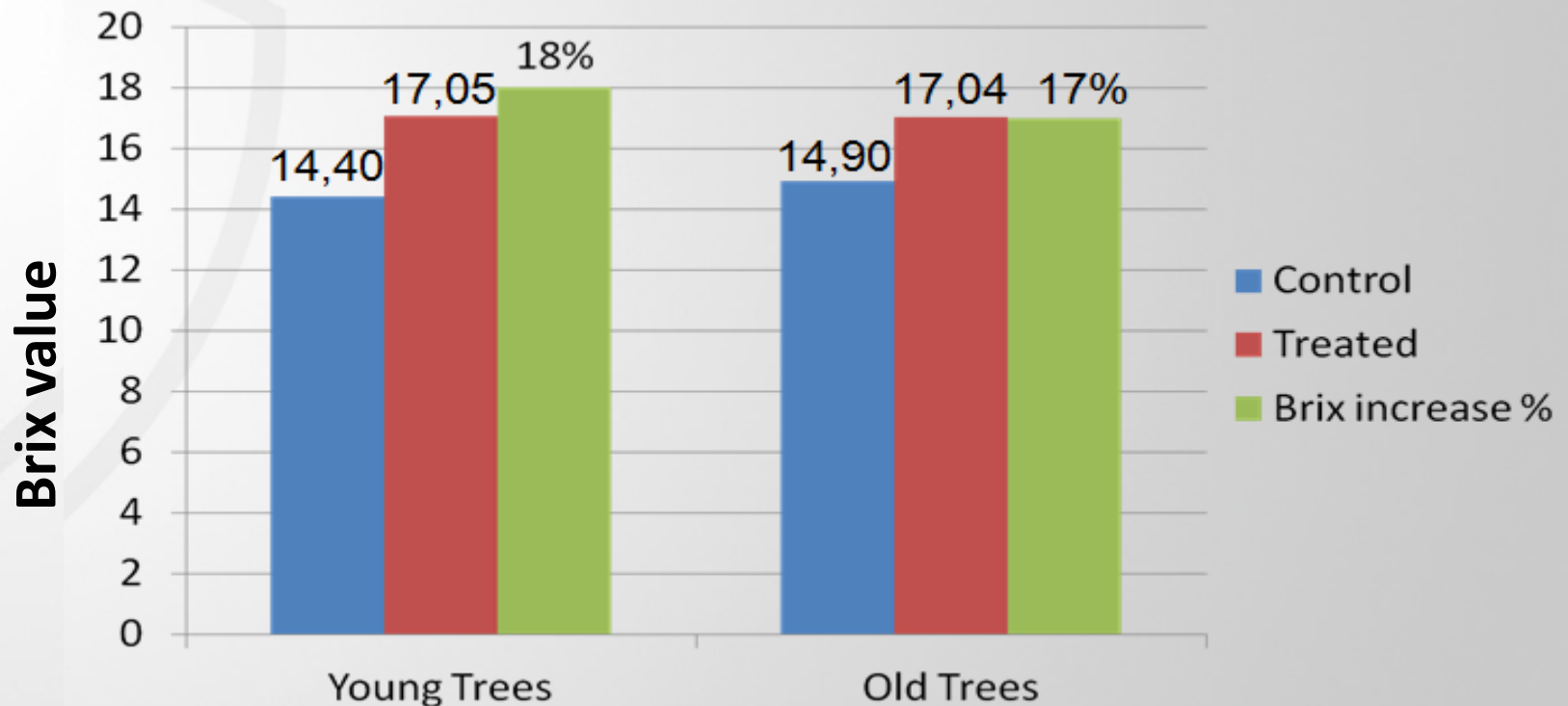
Year: 2015

Crop: Apple - Variety: Golden Delicious

Trial: Field Trial

Realised by: Maia Afrique

Testing Parameter: Brix value – Young Trees / Old Trees





APPLES



Country: India – HP - Ratnari

Year: 2016

Crop: Apple

Trial: Field Trial

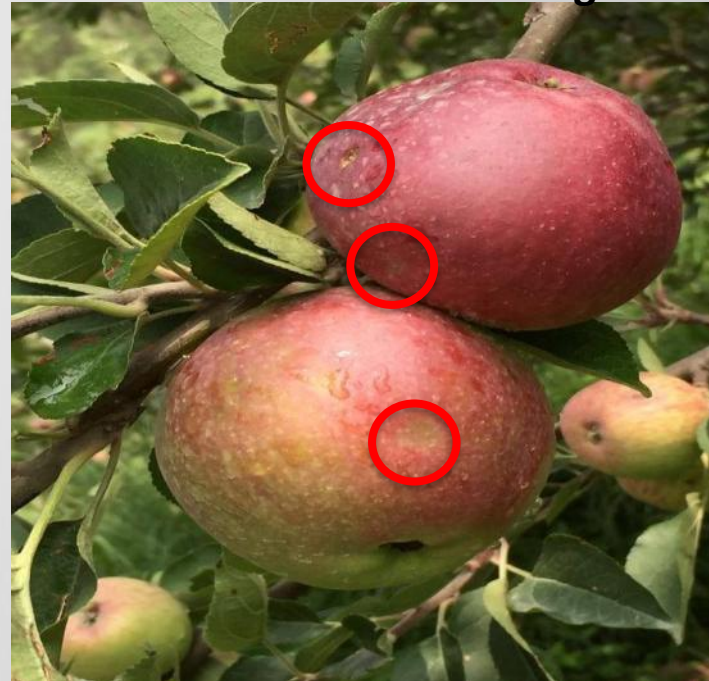
Realised by: Prof. S.P. Bhardwaj, Prof. Dilawari, Jaspal Kalra

Testing Parameter: Recovery after hail damage

Control - Hail damage



After treatment with herbagreen





Apricots



Country: China - Beijing

Year: 2014

Crop: Apricots

Trial: Field Trial

Realised by: Lyuanyijing Agriculture Development Co. Ltd.

Testing Parameter: Earlier Ripening

Control



herbagreen®





Banana



Country: Thailand - Chanthaburi

Year: 2012

Crop: Banana

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Quality



Clean skin without any damages





Banana



Country: China

Year: 2015

Crop: Banana

Trial: Field Trial

Realised by: Newlystar Herbagreen

Testing Parameter: Quality, Plant development

Perfect Plant development without any damages – Sprayed with Herbagreen

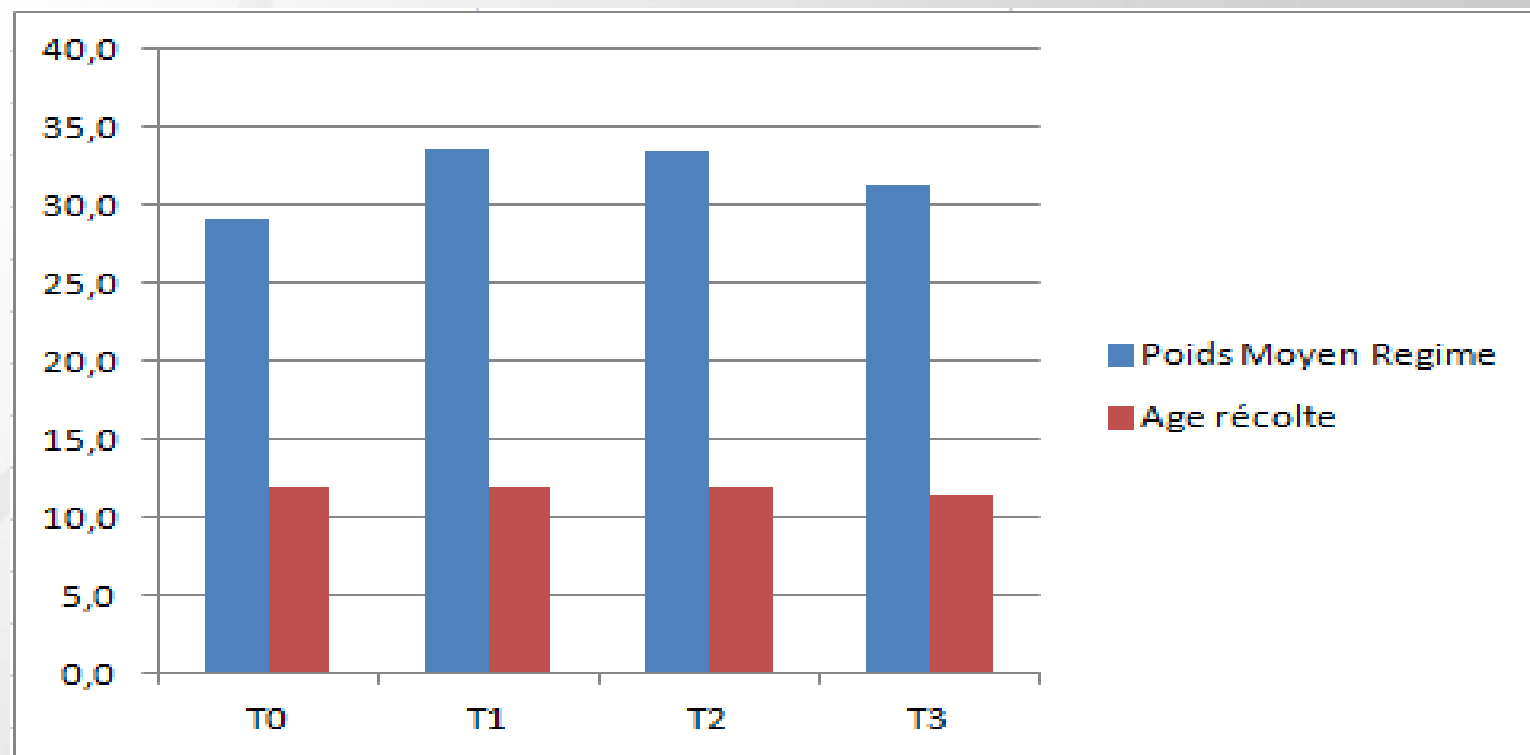




Trails on Banana in Ivory Coast 2015/2106

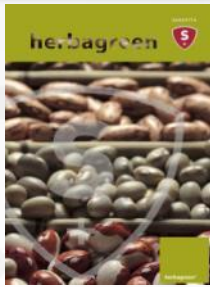
T0: Témoin (sans application d'engrais)	
T1: (1 kg de Herbagreen Z20 + 50 ml de fluisan) /ha	
T2: (2 kg de Herbagreen Z20 + 100 ml de fluisan) /ha= Dose normale	
T3: (3 kg de Herbagreen Z20 + 150 ml de fluisan) /ha	

Étiquettes de lignes	Poids Moyen Regime	Age récolte
T0	29,1	11,9
T1	33,6	12,0
T2	33,5	12,0
T3	31,3	11,5
Total général	31,9	11,9





Beans



Country: Brazil

Year: 2015

Crop: Beans

Trial: Field trial

Realised by: Celso Karkle

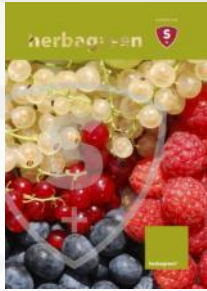
Testing Parameter: Yield increase



Plants that were sprayed with herbagreen® + herbagreen® fluisan had **22.08% higher yield** in terms of number of beans pod per plant than control plants. In addition, beans from treated plants produced **22.42% higher weight** than beans from control area



Berries



Country: Chile - Linares

Year: 2013

Crop: Blueberries

Trial: Field Trial

Realised by: Jorge Bazaez

Testing Parameter: Fruit size, calibration, earlier ripening

Control

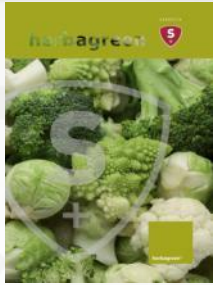


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Brassica Vegetables



Country: Ireland

Year: 2012

Crop: Cabbage

Trial: Field trial

Realised by: Gilfresh Ireland

Testing Parameter: Yield increase and quality

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Control

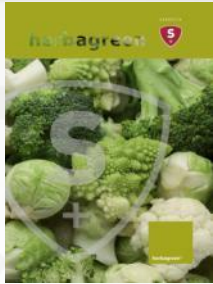
Control

herbagreen®





Brassica Vegetables



Country: Hungary

Year: 2014

Crop: Brussels Sprouts

Trial: Field Trial

Realised by: MPH Banos

Testing Parameter: Yield increase and quality

Control

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Cherries



Country: Hungary

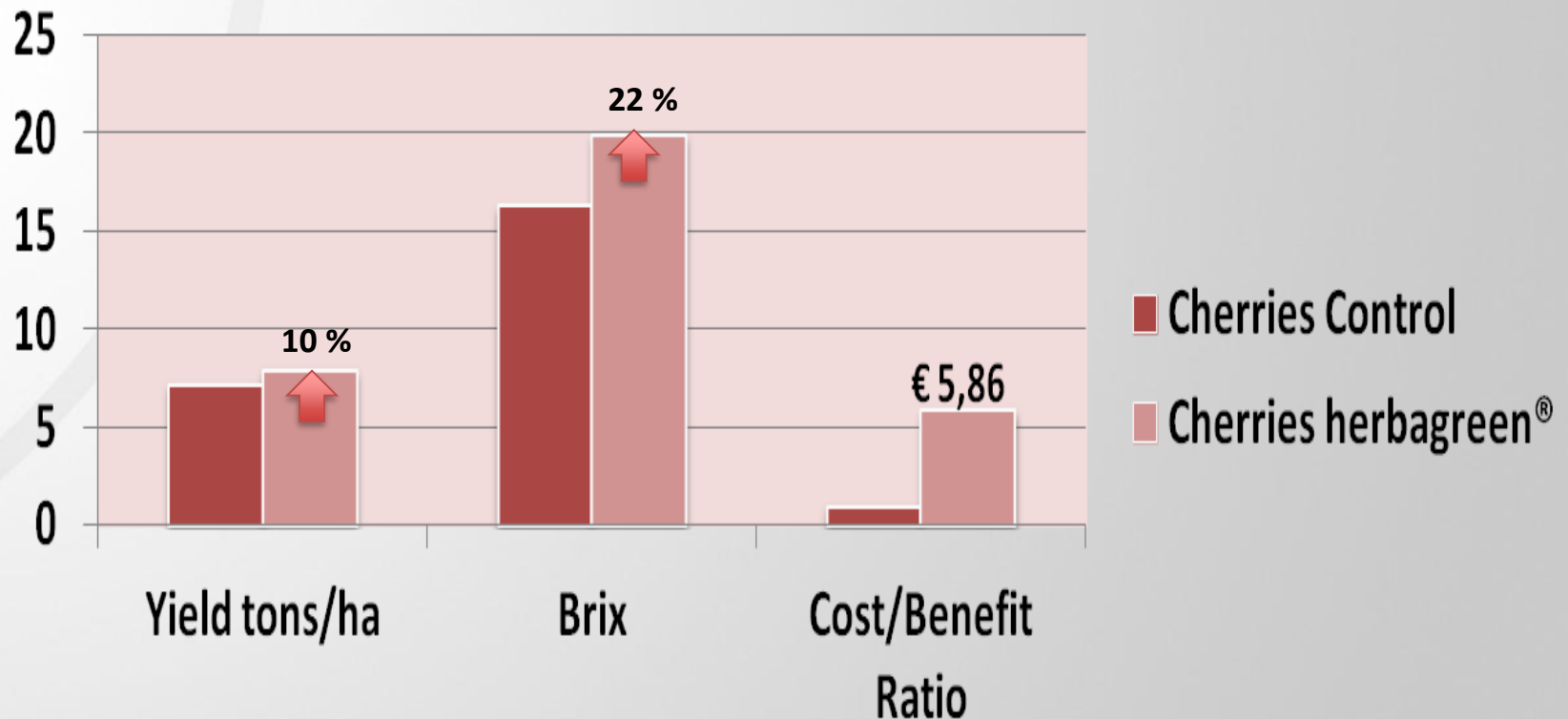
Year: 2014

Crop: Cherries

Trial: Field Trial

Realised by: Valter Zsolt

Testing Parameter: Yield increase, Brix, Cost/Benefit Ratio





Cherries



Country: Hungary

Year: 2014

Crop: Cherries

Trial: Field Trial

Realised by: Valter Zsolt

Testing Parameter: Yield increase, Brix, Cost/Benefit Ratio

Control



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Cherries



Country: Chile

Year: 2014

Crop: Cherries

Trial: Scientific Trial

Realised by: Ricardo Hof

Testing Parameter: Yield increase, Quality

Control



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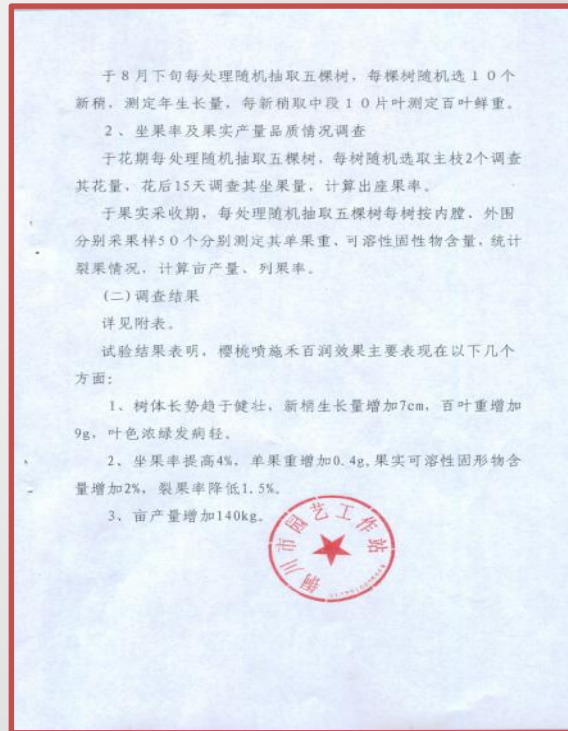
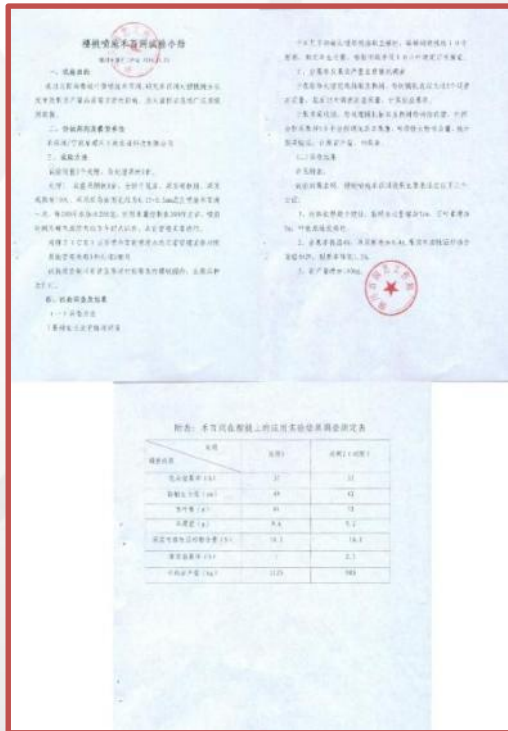




Cherries



Country: China
Year: 2013
Crop: Cherries
Trial: Scientific Trial
Realised by: Tongchuan gardening workstation
Testing Parameter: Yield increase, Quality



1. The growth of new shoot increased 7cm, hundred-leaf weight increased 9g, Leaves become dark green
2. The fruit setting rate increased 2.3%, fruit weight Increased 0.4g, Brix is increased by 2%, Cracking rate decreased 1.5%.
3. Yield increased 140 kg per mu.



Chilli



Country: India

Year: 2015

Crop: Chilli

Trial: Field trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Mosaic Virus on Chilli

Control Mosaic Virus



Virus free with herbagreen®





Chilli



Country: India

Year: 2015

Crop: Chilli

Trial: Field trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Virus on Chilli – Plant recovery

Control



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Chilli



Country: Thailand

Year: 2014

Crop: Chilli

Trial: Scientific Trial

Realised by: University of Suranaree- Thailand – Ajan Sodchol

Testing Parameter: Young plant development

Control

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Chilli



Country: China

Year: 2014

Crop: Chilli

Trial: Field Trial

Realised by: Newlystar Herbageen Co. Ltd.

Testing Parameter: Yield increase

Control



herbageen®





Chilli



Country: China

Year: 2014

Crop: Chilli

Trial: Field Trial

Realised by: Newlystar Herbagreen Co. Ltd.

Testing Parameter: Yield increase

Control



There is a significant change in the growth of chilli. More fruits with larger size of herbagreen group. Leaves of the Herbagreen group increase and grow healthy. While parts of the leaves of the control group become yellow and attacked by disease. Height of the Herbagreen group reach 80 cm from 16 cm. Farmers were very satisfied with the effect of herbagreen.

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Citrus



Country: Thailand

Year: 2012

Crop: Lime

Trial: Field trial

Realised by: Local customer

Testing Parameter: Quality, Yield increase

Control



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Citrus



Country: Thailand

Year: 2012

Crop: Oranges

Trial: Field trial

Realised by: Local customer

Testing Parameter: Quality, Yield increase

Control

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Citrus



Country: India

Year: 2016

Crop: Oranges/Lime

Trial: Field trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Recovery of damaged trees

Control

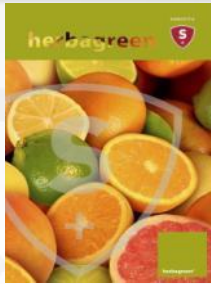


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Citrus



Country: India

Year: 2016

Crop: Oranges/Lime

Trial: Field trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Recovery of damaged trees

Control



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Citrus



Country: India

Year: 2016

Crop: Oranges/Lime

Trial: Field trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Recovery of damaged trees

Control



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Cocoa



Country: Indonesia

Year: 2015

Crop: Cocoa

Trial: Field trial

Realised by: Stefes Indonesia

Testing Parameter: Tree recovery , Yield increase

Control



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Coffee



Country: Thailand - Chumphon

Year: 2011

Crop: Coffee

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Number of fruits, quality

Control



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Coffee



Country: Thailand - Chumphon

Year: 2011

Crop: Coffee

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Plant Development

Control

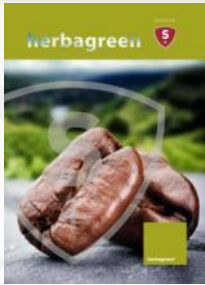


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Coffee



Country: Thailand - Chumphon

Year: 2011

Crop: Coffee

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Number of fruits

Control



herbagreen®





Coffee



Country: Thailand - Chumphon

Year: 2011

Crop: Coffee

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Number of fruits, quality

Control

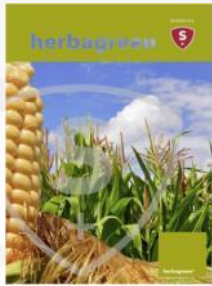


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Corn/Maize



Country: Brazil - City: São José dos Pinhais State: Paraná

Year: 2013

Crop: Corn

Trial: Field Trial

Realised by: Celso Karkle

Testing Parameter: Drought resistance

Control



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Cotton



Country: Turkey

Year: 2008

Crop: Cotton

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Yield increase

Control



herbagreen®+ 20% higher yield





Cotton



Country: India

Year: 2016

Crop: Cotton

Trial: Field Trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Leaf Curl Virus

Control



herbagreen®





Cotton



Country: India

Year: 2016

Crop: Cotton

Trial: Field Trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Leaf Curl Virus

Control - Damaged



Recovered after treatment with herbagreen®





Cotton



Country: India

Year: 2016

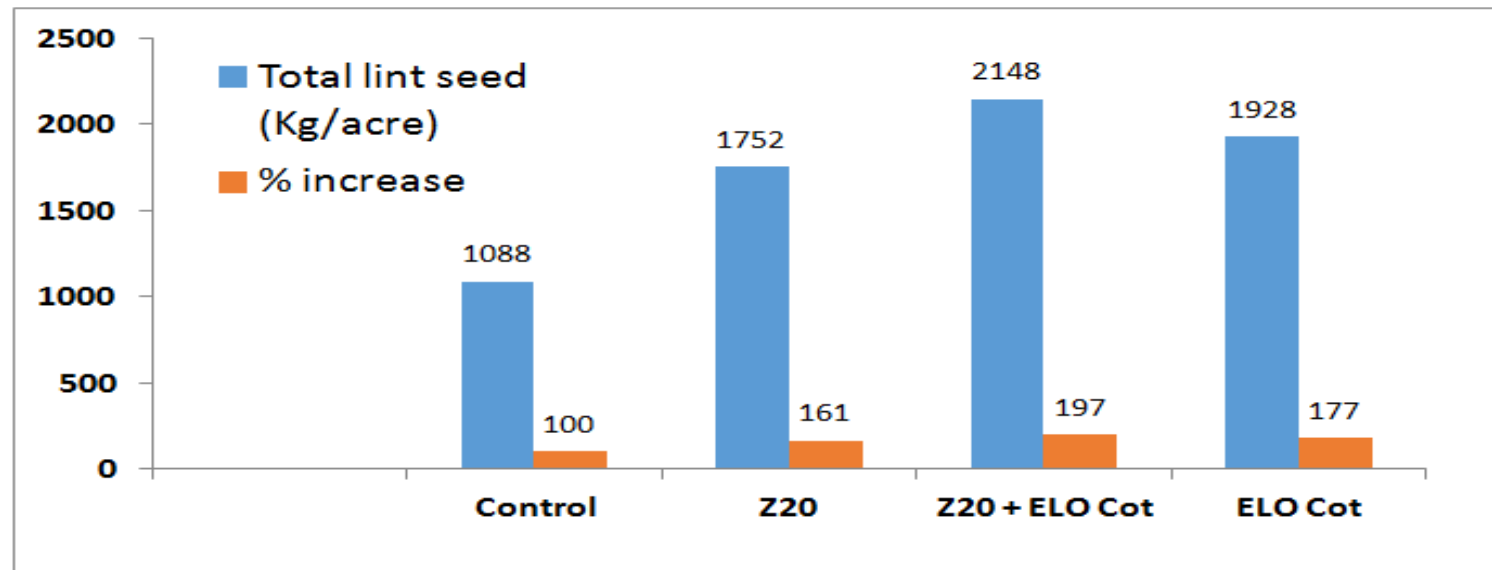
Crop: Cotton

Trial: Field Trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Yield increase

EFFECT OF FLUISAN Z20 AND ELO COTTON ON LINT-SEED YIELD OF COTTON





Cucumber



Country: Iran

Year: 2016

Crop: Cucumber

Trial: Field Trial

Realised by: Dr. Mostafa Mirzaei

Testing Parameter: Yield increase, Quality

Control



herbagreen®





Cucumber



Country: Iran

Year: 2016

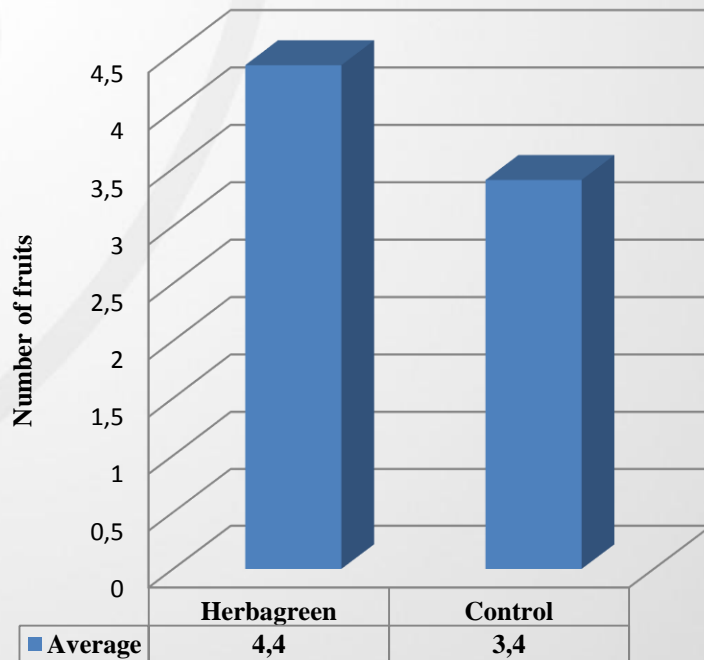
Crop: Cucumber

Trial: Field Trial

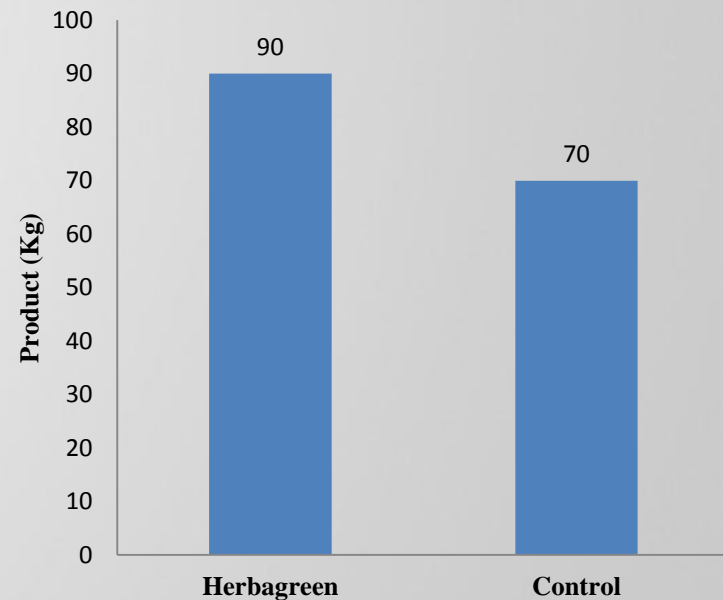
Realised by: Dr. Mostafa Mirzaei

Testing Parameter: Yield increase, Quality

Average number of fruits per plant



The average harvest during 5 days





Cucumber



Country: Iran

Year: 2016

Crop: Cucumber

Trial: Field Trial

Realised by: Dr. Mostafa Mirzaei

Testing Parameter: Effect of herbagreen on „Downy Mildew“

Control



herbagreen®





Grapes



Country: Germany – Waldkirch Buchholz

Year: 2011

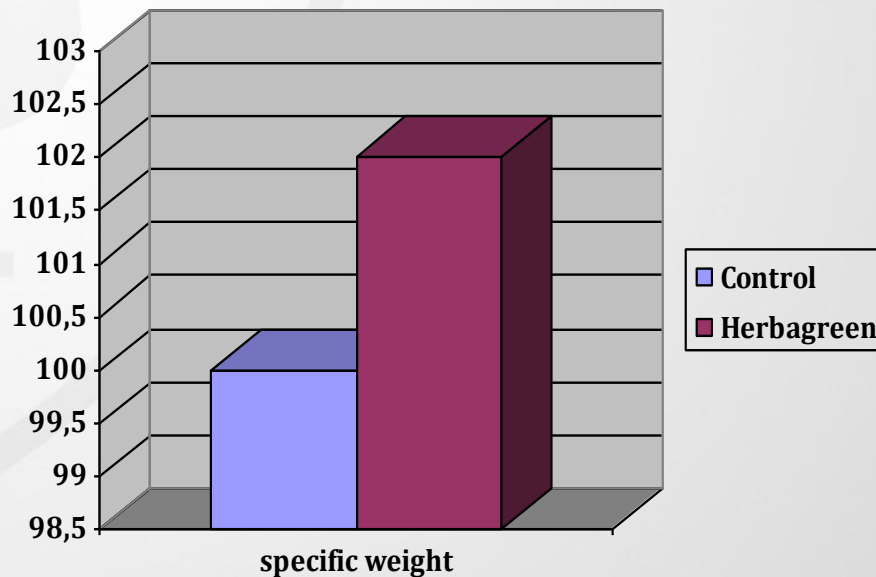
Crop: Wine Grapes

Trial: Field Trial

Realised by: Vineyard Nopper

Testing Parameter: Mustweight, Glucose/Fructose

Specific gravity of Must (° Oechsle)



Glucose/ Fructose (g/ l)





Grapes



Country: China - Emeishan County Yuxi city

Year: 2014

Crop: Black Table Grapes

Trial: Field Trial

Realised by: Vineyard in Xiaojie

Testing Parameter: Colouration and yield increase

Untreated control group



Herbagreen treated group +16%





Grapes



Country: China - Emeishan County Yuxi city

Year: 2014

Crop: Black Table Grapes

Trial: Field Trial

Realised by: Vineyard in Xiaojie

Testing Parameter: Colouration and yield increase

Untreated control group



Herbagreen treated group +16%





Grapes



Country: China - Yuxi shennong grape manor

Year: 2014

Crop: Red Table Grapes

Trial: Field Trial

Realised by: Yuxi shennong grape manor

Testing Parameter: Colouration and yield increase

Untreated control group



Herbagreen treated group



Facts have proved that the red grapes used Herbagreen enhance not only in yield and quality, but also in terms of red grapes storage have outstanding results.

Herbagreen provide consumers with a green and high quality products, but also brings the farmers good economic benefits.



Grapes



Country: China – Yuxi Yunnan

Year: 2014

Crop: Table Grapes

Trial: Field Trial

Realised by: Yuxi Grape Manor

Testing Parameter: Colouration, Quality

Control



herbagreen®





Grapes



Country: China – Yuxi Yunnan

Year: 2014

Crop: Table Grapes

Trial: Field Trial

Realised by: Yuxi Grape Manor

Testing Parameter: Recovery after hail damage

After hail damage



Recovery - herbageen® group





Grapes



Country: Iran

Year: 2016

Crop: Table Grapes

Trial: Field Trial

Realised by: Dr. Mostafa Mirzaei

Testing Parameter: Yield increase, Quality

Control

herbagreen®





Grapes



Country: Pyrgetos
 Year: 2016
 Crop: Grapes – Cabernet Sauvignon
 Trial: Field Trial
 Realised by: Hillfiled Trading
 Testing Parameter: Yield increase

Control (2 Ha) 12,420 kg/ha

herbageen® (2 ha) 14,854 kg/ha + 19,6%

Site 1





Kiwi



Country: Croatia – Istria Region

Year: 2008

Crop: Kiwi

Trial: Field Trial

Realised by: Prof. Dumacic and Farmer

Testing Parameter: Yield increase, Earlier ripening

Control



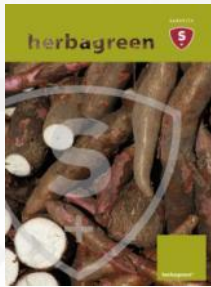
herbagreen®



Area of kiwi plantation was sprayed 3 times, first after blooming, then twice at intervals of a month. Sprayed plants already after the first spray had a notable change in appearance and anatomy of leaves. Treated plant leaves were stronger, thicker and with pronounced nerve system. The leaves were rougher and a little larger than untreated leaves; there was a difference in the number of fruits; Fruits of the treated plants were larger and longer in shape (like an egg), unlike untreated fruit plants that were round and stocky.



Cassava



Country: Brazil

Year: 2014

Crop: Cassava

Trial: Field trial

Realised by: Celso Karkle

Testing Parameter: Yield increase

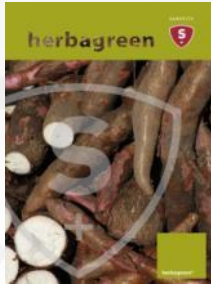
Control plants Ø 4.434 kg

herbageen® Ø 7.174 kg





Cassava



Country: Thailand

Year: 2013

Crop: Cassava

Trial: Field trial

Realised by: Transfer Tech

Testing Parameter: Yield increase – Root development

Control

herbagreen®



Growth effect of herbagreen®
on plants:

- healthier plants
- more roots
- bigger/longer roots





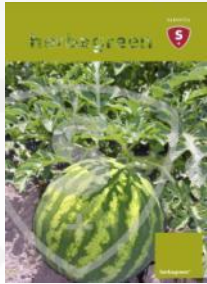
Cassava in Thailand in 2014



The highest weight at the farmer fertilization practice was achieved with Herbagreen Z20 and Herbagreen fluisan.



Melon



Country: China

Year: 2015

Crop: Melon

Trial: Field Trial

Realised by: Newlystar Herbagreen

Testing Parameter: Plant development during dry season

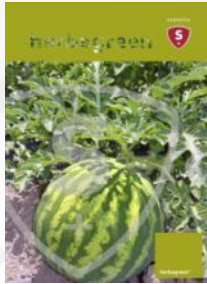
Control

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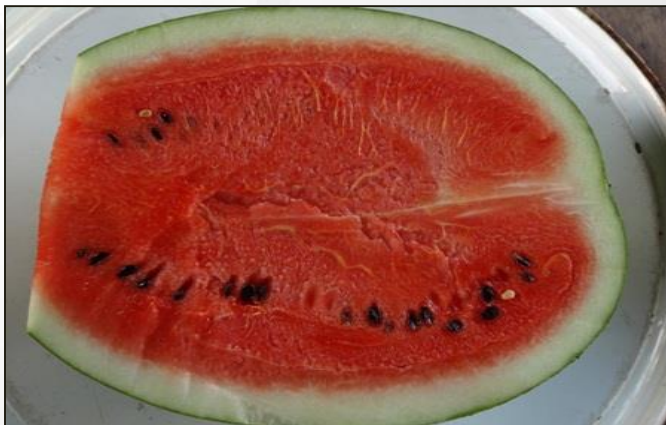


Melon



Country: Thailand
 Year: 2012
 Crop: Melon
 Trial: Field Trial
 Realised by: Local customer
 Testing Parameter: Brix

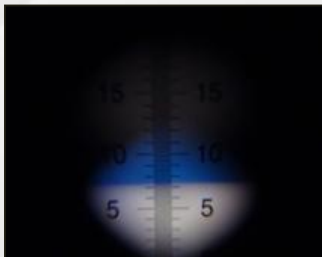
Control



herbageen®



Brix 7

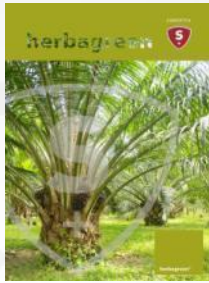


Brix 14





Oilpalm



Country: Thailand

Year: 2011

Crop: Oilpalm

Trial: Field trial

Realised by: Local customer

Testing Parameter: Yield increase

Control



Control 11 kg

herbagreen®

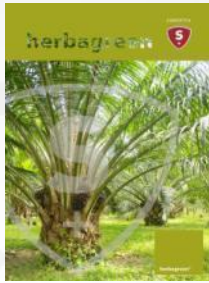


herbagreen® 18,60 kg





Oilpalm



Country: Thailand - Trat

Year: 2011

Crop: Oilpalm

Trial: Field trial

Realised by: Local customer

Testing Parameter: Mesocarp, Endocarp, Kernel Size

Control



herbagen®





Olives

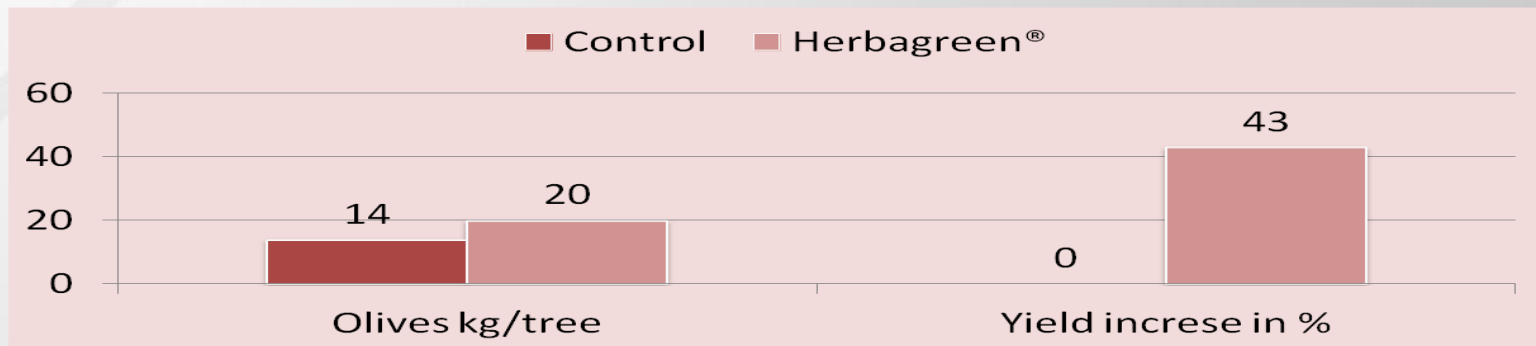


Country: Morocco
 Year: 2014
 Crop: Olives – Variety Arbequina
 Trial: Field Trial
 Realised by: Group Sniber
 Testing Parameter: Yield increase /kg

Control



herbageen®





Olives



Country: Morocco

Year: 2014

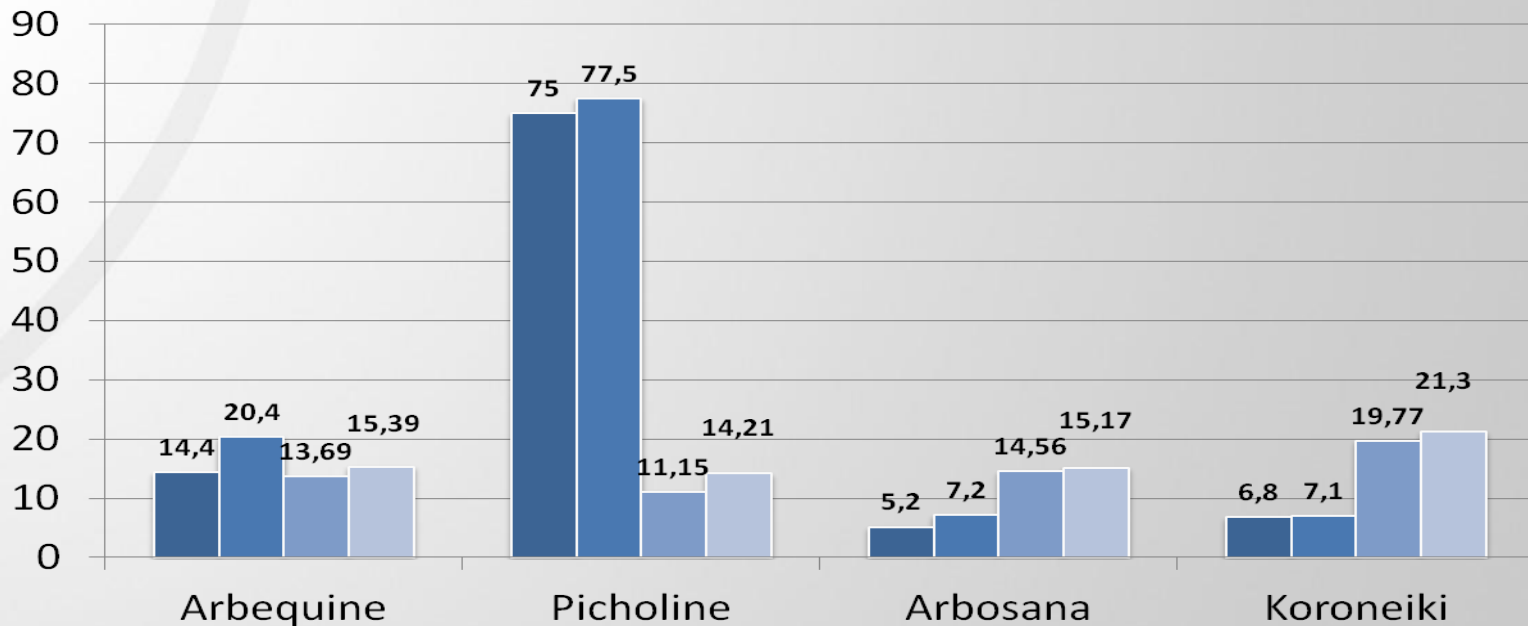
Crop: Olives – Variety Arbequina

Trial: Field Trial

Realised by: Domaine BENALI (Société Agro-industrielle de SAIS)

Testing Parameter: Yield increase /kg, oil contents /%

- Yield/tree Control
- Yield/tree herbageen®
- Oil Content control
- Oil Content herbageen®





Onion



Country: Thailand
Year: 2012
Crop: Onion
Trial: Field Trial
Realised by: Local customer
Testing Parameter: Yield increase



Better and bigger Onions by **Herbagreen**



Control sample in extreme weak shape shortly after pulling from earth



Orchids



Country: China

Year: 2015

Crop: Dendrobium

Trial: Field Trial

Realised by: Newlystar Herbagreen

Testing Parameter: Plant development

Control



herbagreen®





Orchids



Country: China

Year: 2015

Crop: Dendrobium/Orchids

Trial: Field Trial

Realised by: Newlystar Herbagreen

Testing Parameter: Plant development

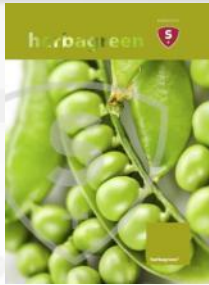
Control

herbagreen®





Peas



Country: China – Yuxi Yunnan

Year: 2015

Crop: Peas

Trial: Field Trial

Realised by: Newlystar Herbageen

Testing Parameter: Plant development

Control

herbageen®





Peas



Country: China – Yuxi Yunnan

Year: 2015

Crop: Peas

Trial: Field Trial

Realised by: Newlystar Herbagreen

Testing Parameter: Plant development

Control



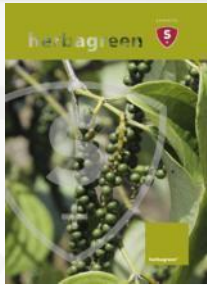
There is a significant change in the growth of peas three weeks after the first spray of herbagreen. Leaves of the Herbagreen group increase and grow healthy. While parts of the leaves of the control group become yellow and attacked by disease. Height of the Herbagreen group peas reach 80 cm from 16 cm. Farmers were very satisfied with the effect of herbagreen.

herbagreen®





Pepper



Country: Thailand

Year: 2013

Crop: Pepper

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Pepper Quality

Control

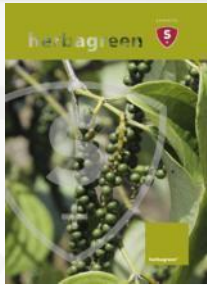


herbagreen®





Pepper



Country: Thailand

Year: 2013

Crop: Pepper

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Old Plant development

Control



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Potatoes



Country: Germany - Düllstadt

Year: 2014

Crop: Potatoe – Variety Gala

Trial: Scientific Trial

Realised by: Versuchsanstalter Hetterich

Testing Parameter: Effect of herbagreen concept



**Control
70 tubers**



**Herbagreen®fluisan
81 tubers**



**herbagreen®Z20
+ herbagreen®fluisan
85 tubers**

**Herbagreen®Z20 +
herbagreen®fluisan +
herbagreen®amino
118 tubers**





Potatoes



Country: Germany - Düllstadt

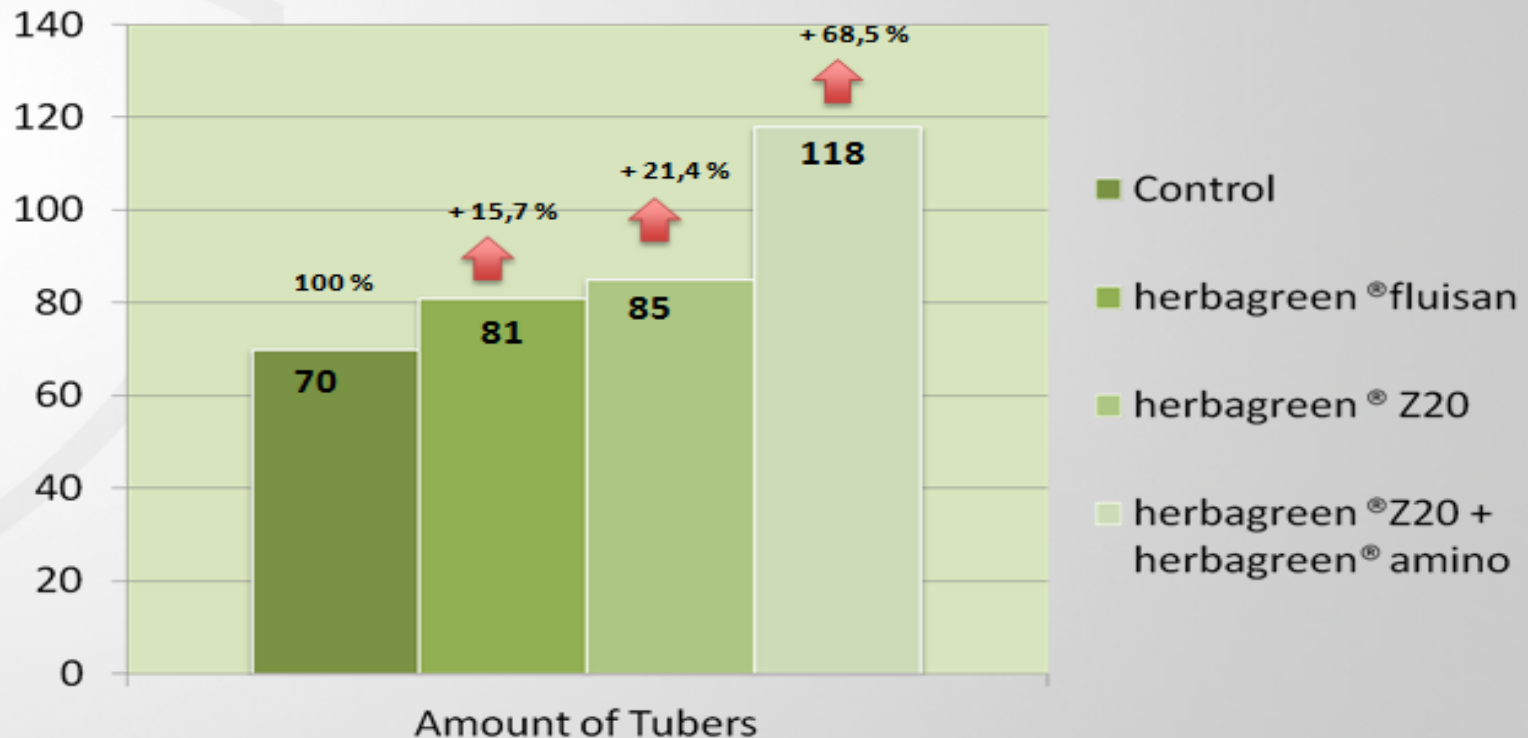
Year: 2014

Crop: Potatoe – Variety Gala

Trial: Scientific Trial

Realised by: Versuchsanstalter Hetterich

Testing Parameter: Number of tubers /3 Plants





Potatoes



Country: Germany - Ebstorf

Year: 2014

Crop: Potatoe - Variety Gala

Trial: Field Trial

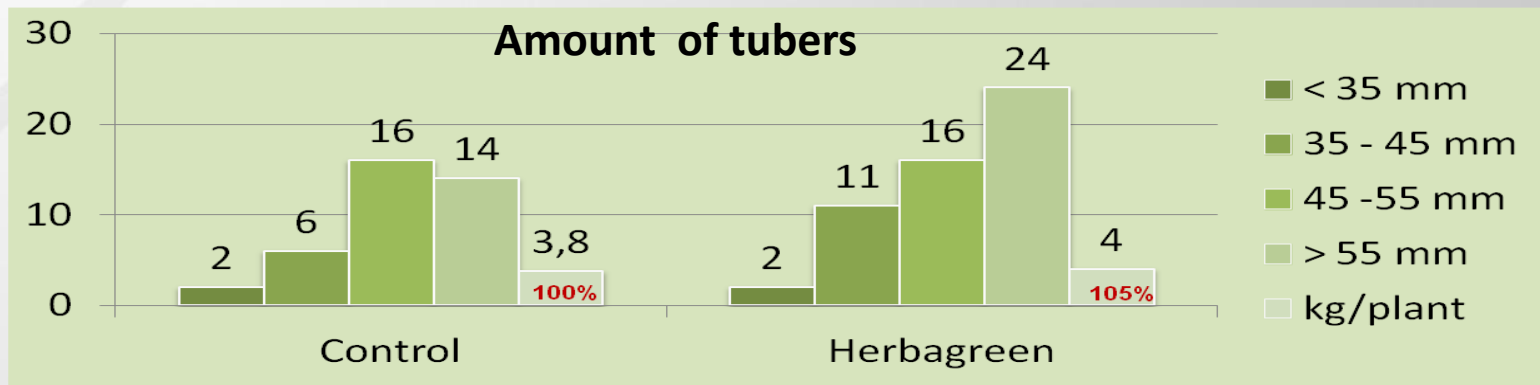
Realised by: VSE Ebstorf

Testing Parameter: Effect on size, calibration

Control



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Potatoes



Country: Germany - Ebstorf

Year: 2014

Crop: Potatoe – Variety Princess

Trial: Field Trial

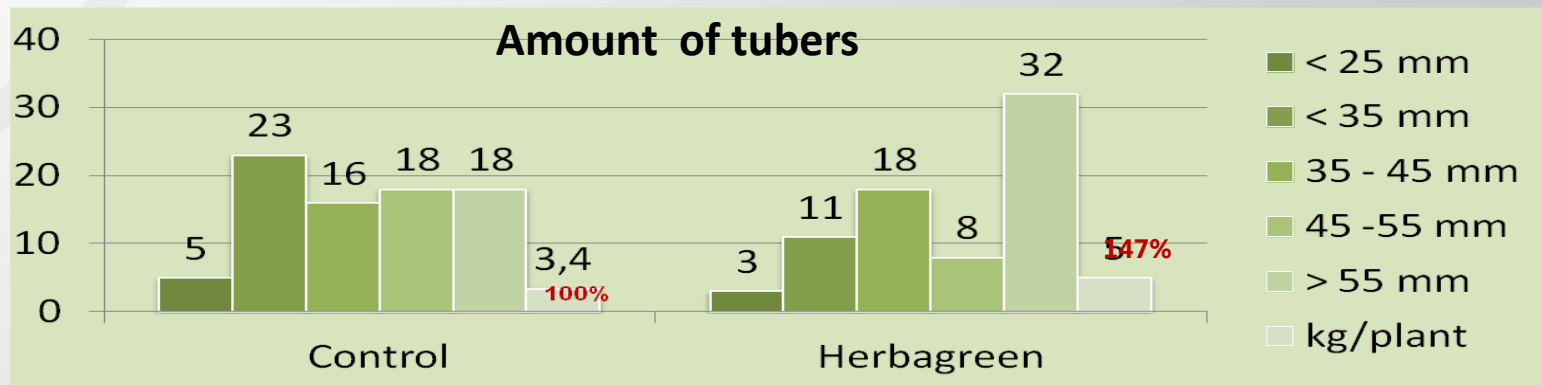
Realised by: VSE Ebstorf

Testing Parameter: Effect on size, calibration

Control



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Potatoes



Country: Germany - Ebstorf

Year: 2014

Crop: Potatoe – Variety Bellarosa

Trial: Field Trial

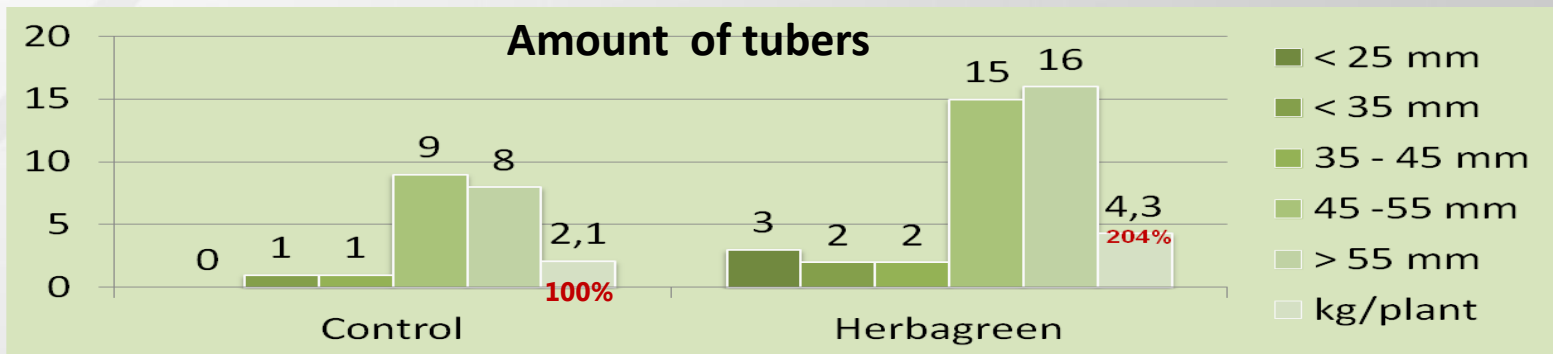
Realised by: KWS Kuhlmann

Testing Parameter: Effect on size, calibration

Control



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Potatoes



Country: Brazil

Year: 2015

Crop: Potatoe

Trial: Field Trial

Realised by: Celso Karkle

Testing Parameter: Number of tubers

Control

herbagreen®



Increase of yield in treated area compared with test area: +12,38%



Potatoes



Country: India

Year: 2016

Crop: Potatoe

Trial: Field Trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Number of tubers /2 plants, calibration

Control



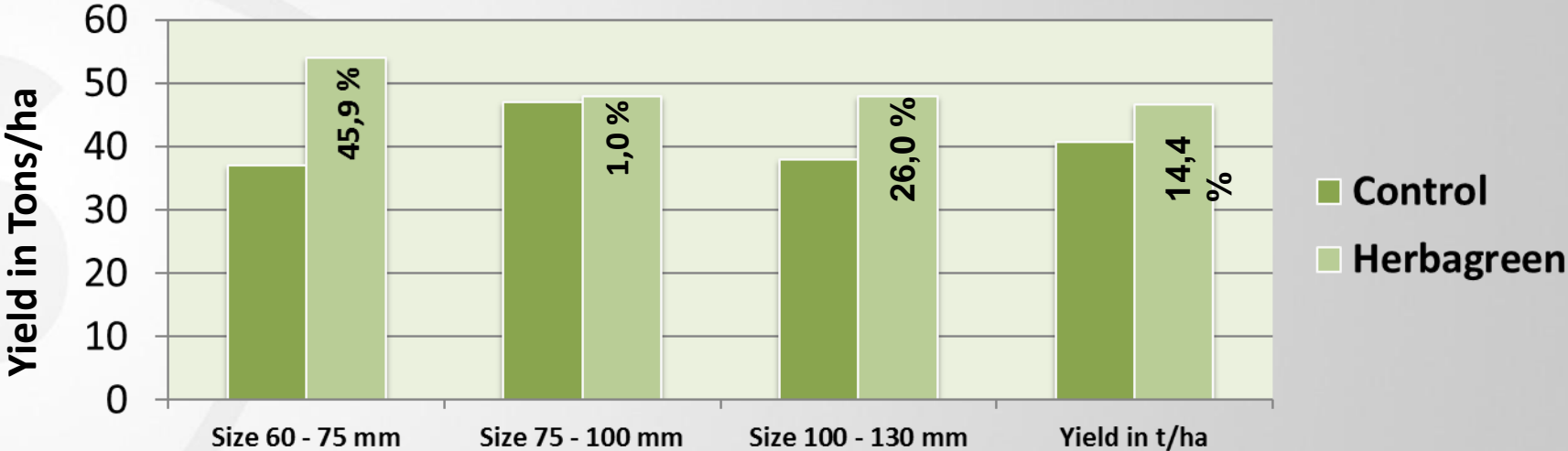
herbagreen®





HERBAGREEN® in POTATOES – Hungary 2014

Variety: GALA Field Test in Hungary/Mözsi Mezőgazdasági Szövetkezet:
Preliminary harvest -- Amount of tubers from 20 plants





Radish



Country: China - Nanchang

Year: 2012

Crop: Radish

Trial: Field Trial

Realised by: Newlystar Herbagreen

Testing Parameter: Plant stem development

Control



herbagreen®





Radish



Country: China - Nanchang

Year: 2012

Crop: Radish

Trial: Field Trial

Realised by: Newlystar Herbagreen

Testing Parameter: Plant development

Control



herbagreen®





Rape Seed



Country: Poland

Year: 2012

Crop: Rape seed

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Recovery after drought

Control

herbagreen®





Rice



Country: France / Carmargue

Year: 2013

Crop: Rice

Trial: Scientific Trial

Realised by: CFR Institute

Testing Parameter: Root development

Control

herbagreen®





Rice



Country: France / Carmargue

Year: 2013

Crop: Rice

Trial: Scientific Trial

Realised by: CFR Institute

Testing Parameter: Panicle Size

Control

herbageen®





Rice



Country: France / Carmargue

Year: 2013

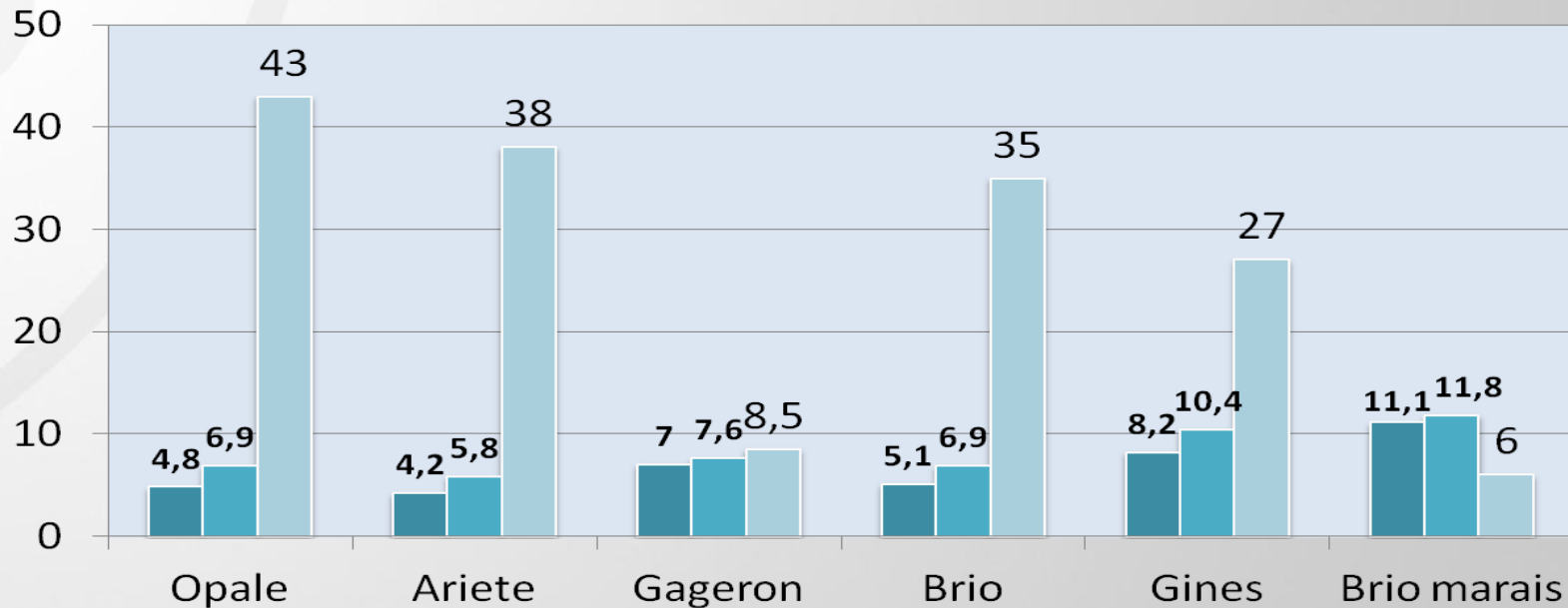
Crop: Rice

Trial: Field Trial

Realised by: CFR Institute

Testing Parameter: Yield in different Varieties

- Yield in t/ha - control
- Yield in t/ha - herbagreen®
- Yield increase in %



Rice



Country: Thailand

Year: 2012

Crop: Rice

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Plant development

Control

herbagreen®





Rice



Country: Thailand

Year: 2012

Crop: Rice

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Root development

Control

herbagreen®





Rice



Country: India

Year: 2016

Crop: Basmati Rice

Trial: Field Trial

Realised by: Prof. Dilawari

Testing Parameter: Root development

Control

herbagreen®



Rice India 2016



Three Applications on Transplanted Paddy PR 124 (Q - 100 kg/ha)



Country: India

Year: 2016

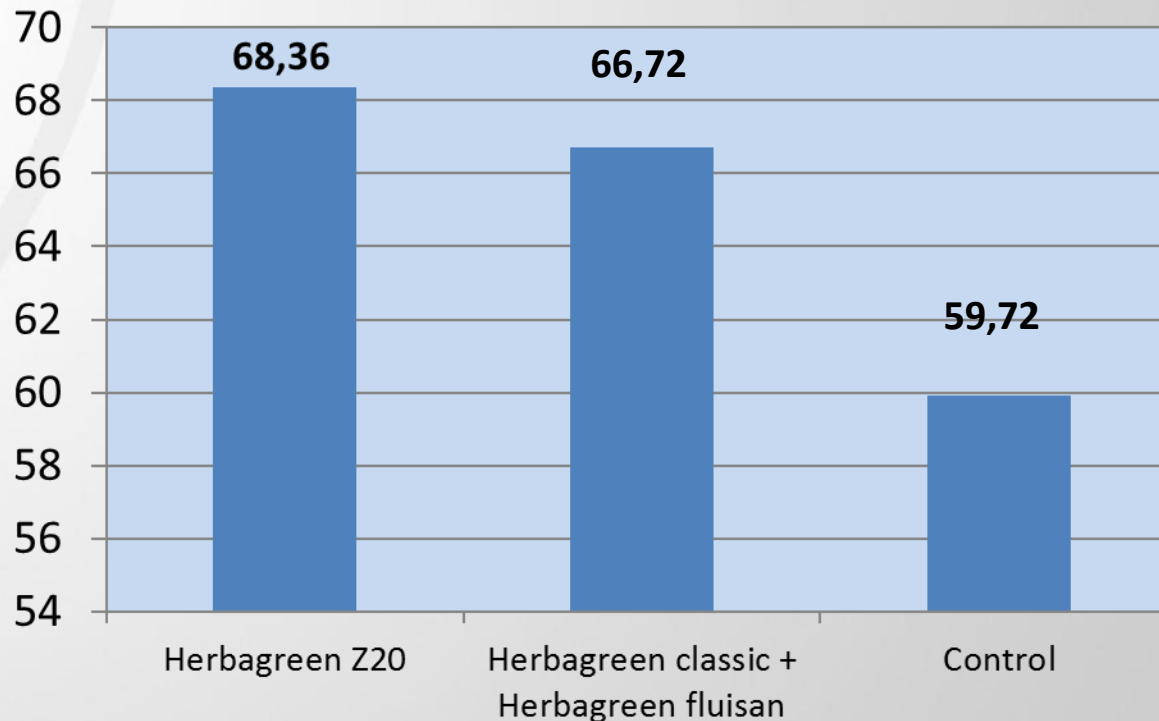
Crop: Paddy Rice PR 124

Trial: Field Trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Yield increase

Yield dt/ha





Rice



Country: Iran – Amol City - Mazandaran province

Year: 2016

Crop: Rice

Trial: Field Trial

Realised by: Dr. Mostafa Mirzaei

Testing Parameter: Plant development

Control



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Rice



Country: Iran – Amol City - Mazandaran province

Year: 2016

Crop: Rice

Trial: Field Trial

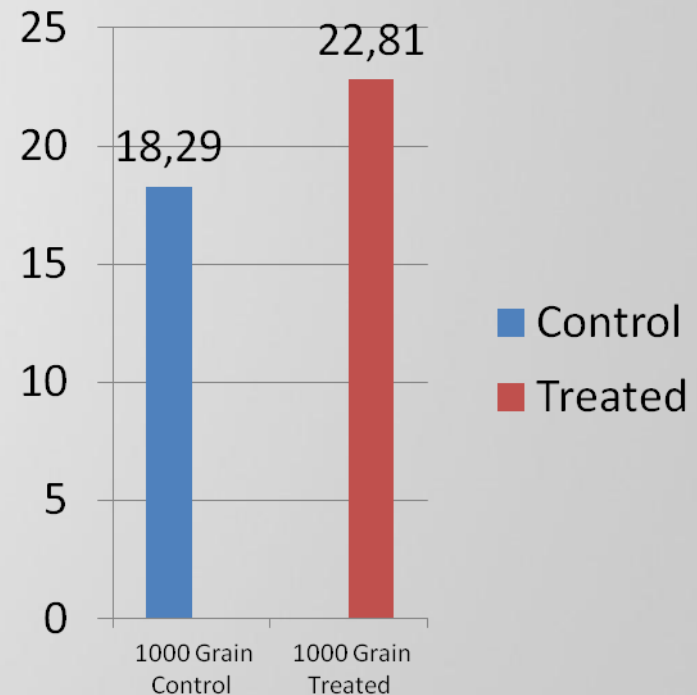
Realised by: Dr. Mostafa Mirzaei

Testing Parameter: 1000 Grain Weight /g

Control



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Rice



Country: Iran – Amol City - Mazandaran province

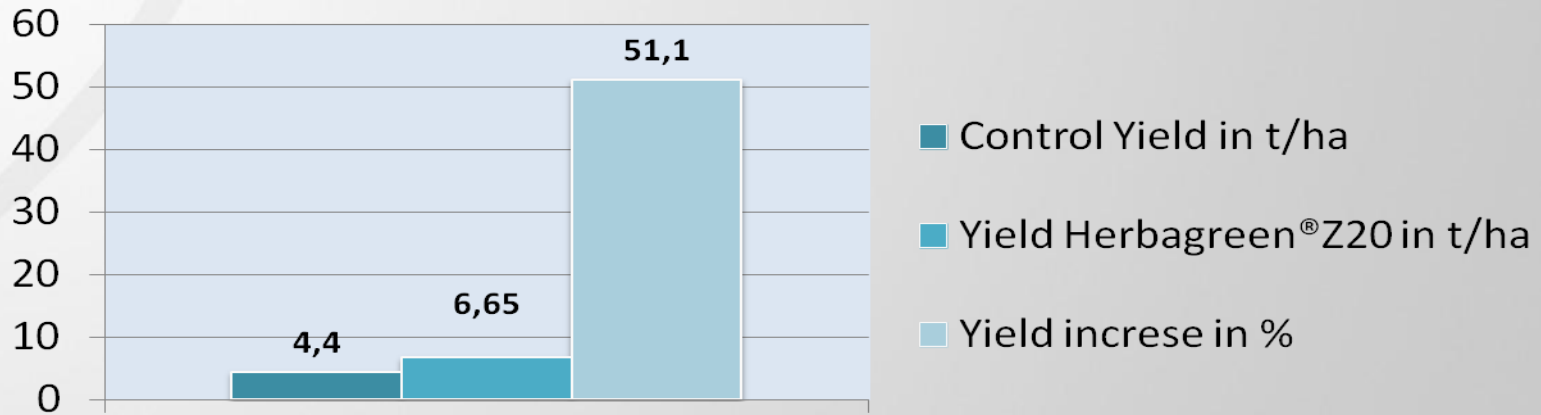
Year: 2016

Crop: Rice

Trial: Field Trial

Realised by: Dr. Mostafa Mirzaei

Testing Parameter: 1000 Grain Weight /g



Rice Iran in Mazandaran province



Rice



Country: Greece
 Year: 2016
 Crop: Rice
 Trial: Field Trial
 Realised by: Hillfield Trading
 Testing Parameter: Yield increase

Control (2 Ha) 10,450 kg/ha

herbagreen® (2 ha) 12,122 kg/ha + 16%





Rubber Trees



Country: Thailand
Year: 2012
Crop: Rubber Trees
Trial: Field Trials
Realised by: Local customer
Testing Parameter: Recovery of trees





Salad/Lettuce



Country: Turkey

Year: 2009

Crop: Salad/Lettuce

Trial: Field Trail

Realised by: Local customer

Testing Parameter: Yield increase

Control

herbagreen®





Salad/Lettuce



Country: Chile

Year: 2013

Crop: Salad/Lettuce

Trial: Field Trail

Realised by: Jorge Bazaez

Testing Parameter: Yield increase

herbageen®

control





Soybean



Country: Serbia

Year: 2009

Crop: Soybean

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Yield increase

Control

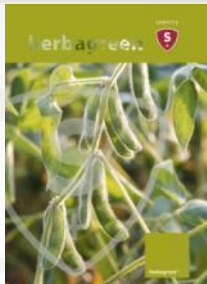


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Soybean



Country: Serbia

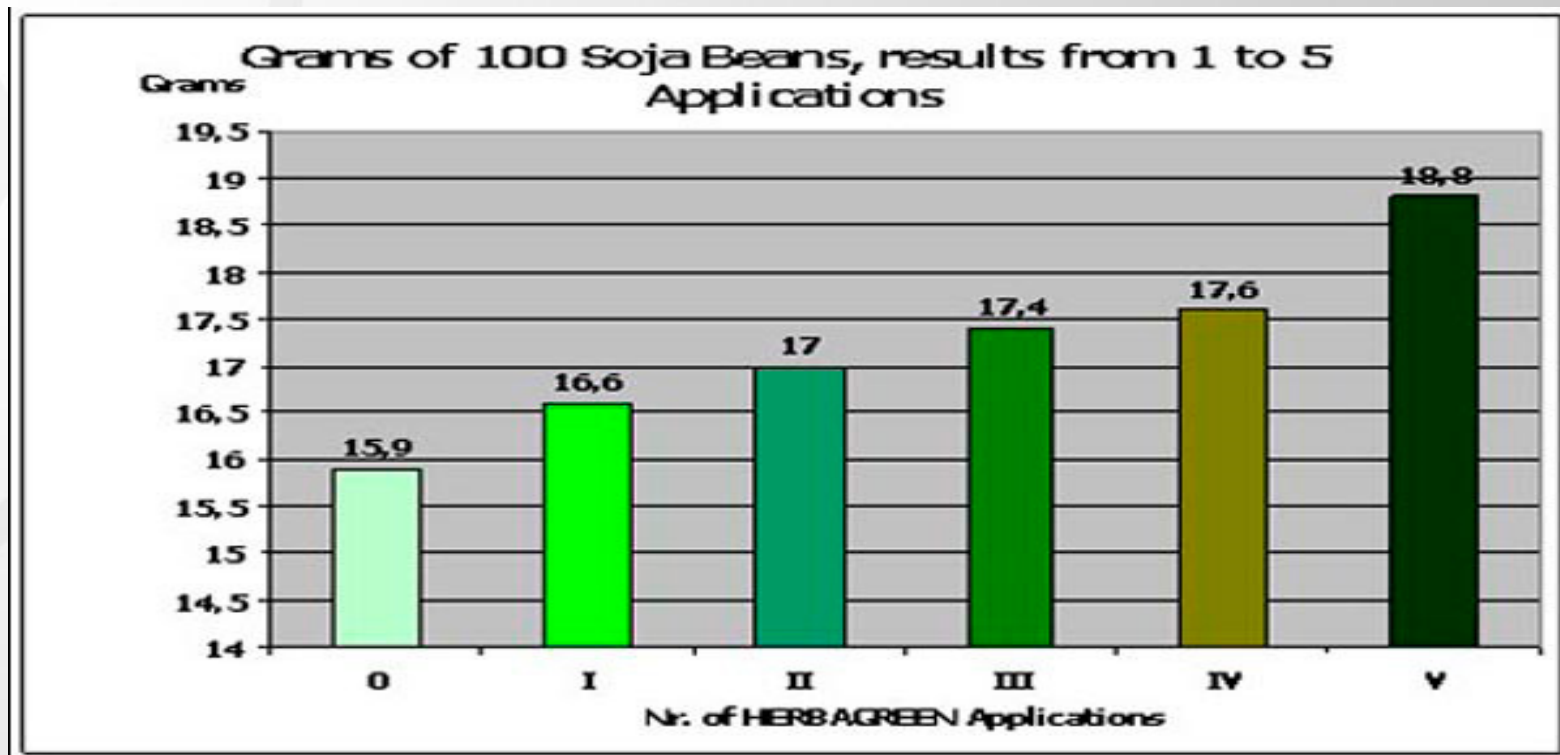
Year: 2009

Crop: Soybean

Trial: Field Trial

Realised by: Local customer

Testing Parameter: Yield increase





Soybean



Country: Brazil – Mato Grosso do Sul

Year: 2014

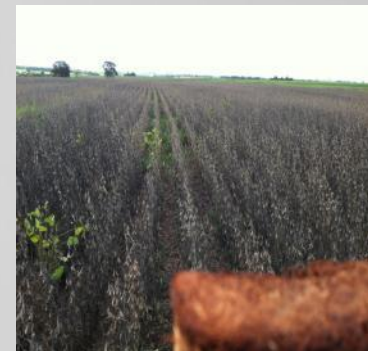
Crop: Soybean

Trial: Field Trial

Realised by: Celso Karkle

Testing Parameter: Yield increase

Control – 1 Application – 2 Applications – 3 Applications with herbagreen®





Strawberries



Country: Germany Bruchsal

Year: 2012

Crop: Strawberries

Trial: Scientific Trial

Realised by: Department of Agriculture Karlsruhe

Testing Parameter: Plant development, fruit quality





Strawberries



Country: China, Yuxi Yunann

Year: 2013/2014

Crop: Strawberries

Trial: Field Trial

Realised by: Department of Agriculture Karlsruhe

Testing Parameter: Plant development, fruit quality



December 18, 2013 Location: Yunnan Yuxi Crops: Strawberry

There is 1.3 million mu (ca. 840.000 ha) strawberry planting area in China, the largest in the world in 2007.



Sugar Beet



Country: Germany - Wachtberg

Year: 2012

Crop: Sugar Beet

Trial: Field Trial

Realised by: Sanovita

Testing Parameter: Yield Increase, Root development

Control

herbagreen®

Control

herbagreen®





Sugar Beet



Country: Poland - Sahryn

Year: 2010 / 2011

Crop: Sugar Beet

Trial: Field Trial

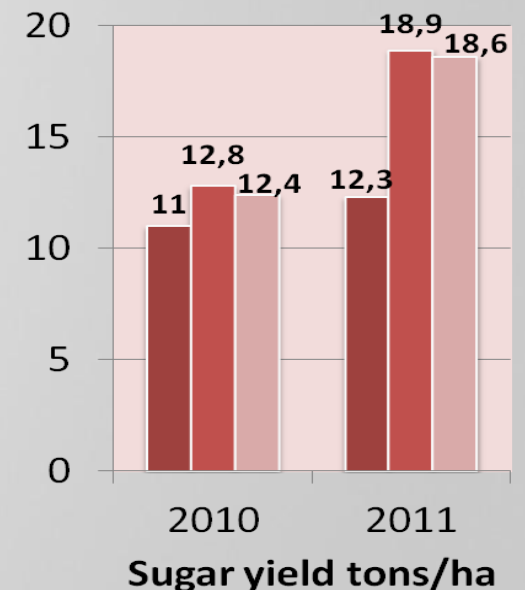
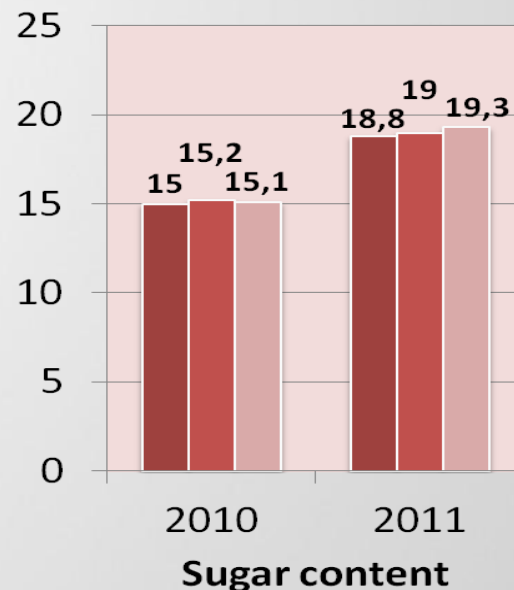
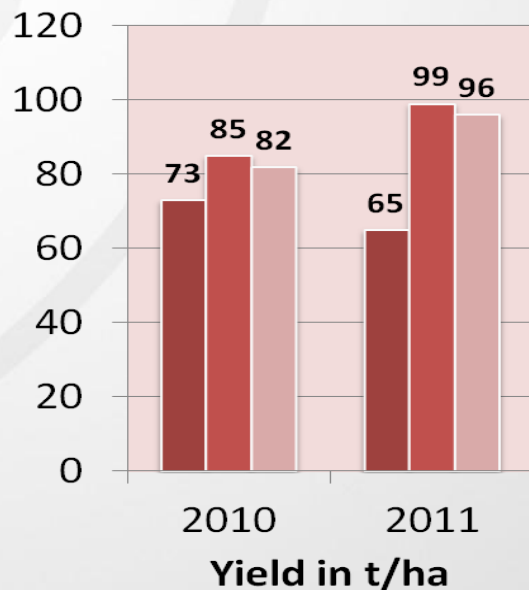
Realised by: Local customer

Testing Parameter: Yield Increase , Sugar content

- Control
- herbagreen 1kg + 2kg
- herbagreen 2kg+2kg

- Control
- herbagreen 1kg +2kg
- herbagreen 2kg + 2kg

- Control
- herbagreen 1kg + 2kg
- herbagreen 2kg + 2kg





Sugar Beet



Country:

Year: 2010 / 2011

Crop: Sugar Beet

Trial: Trials

Realised by: Sanovita

Testing Parameter: Yield calculation

Yield and costs	Unit	Amount control (72,7 t)	10 % Yield Increase (79,9 t)	Results Romania (62 t) + 35%	Results Poland (65,3 t) + 52,5%
Yield	t/ha	72,7	79,9	83,7	99,5
Price Euro/ton	€/ton	∅ 38,30	∅ 38,30	∅ 38,30	∅ 38,30
Yield income	€/ha	2.785,90	3.060,17	3.205,71	3.810,85
Costs – Labor, Seed, Fertilizers, Machinery Insurance	€/ha	1.457,50	1.457,50	1.457,50	1.457,50
More expenditure Herbagreen	€/ha		83,00	111,00	74,00
Contribution Yield income - costs	€/ha	1.328,40	1.519,67	1.637,21	2.279,35
Yield income with Herbagreen in %		= 100	+ 14,3	+ 23,2	+ 71,6
More income	€ /ha		+ € 191,27/ha	+ € 308,81/ha	+ € 950,95/ha



Sugar Beet



Country: Romania

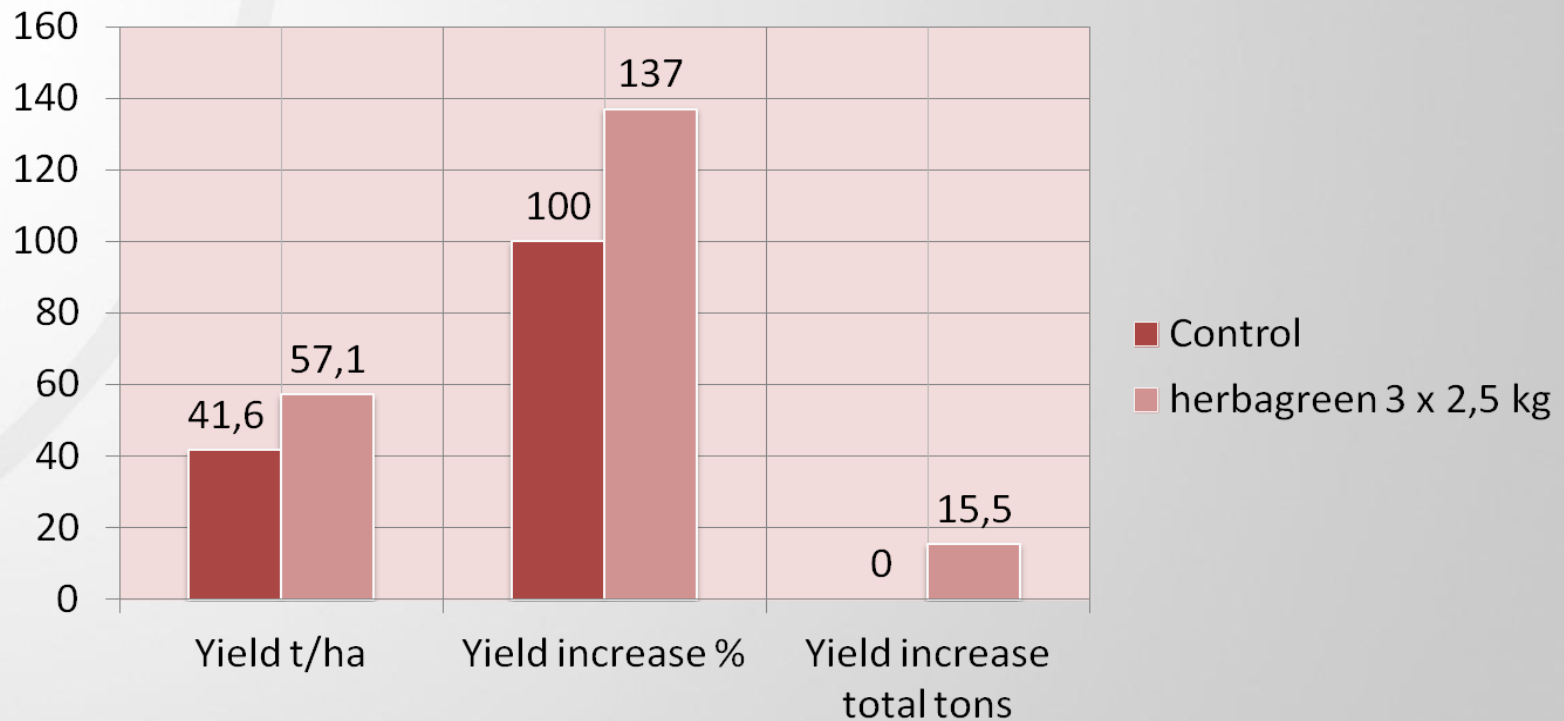
Year: 2012

Crop: Sugar Beet

Trial: Scientific Trial

Realised by: Agricultural Science University Iasi

Testing Parameter: Yield Increase





Sugar Cane



Country: Thailand

Year: 2010

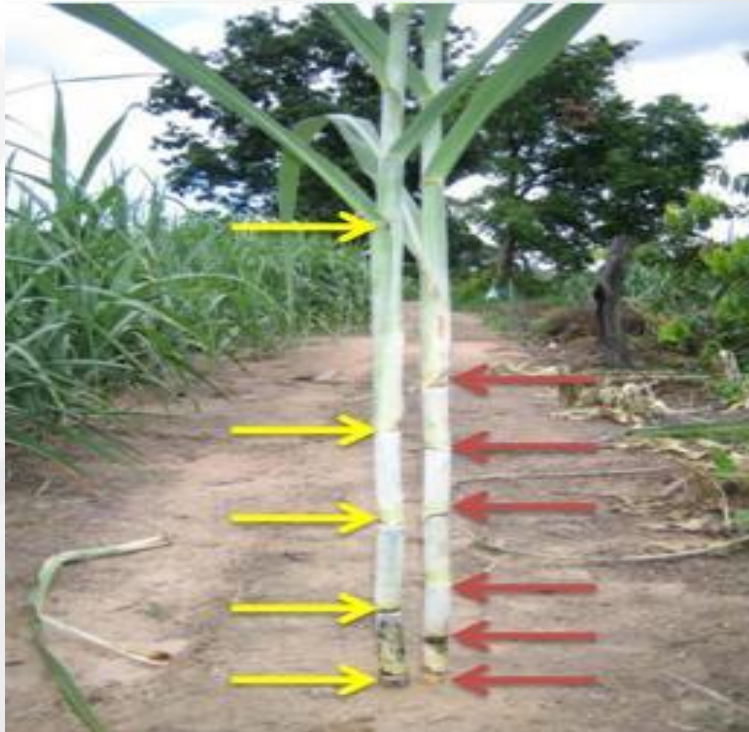
Crop: Sugar Cane

Trial: Field Trail

Realised by: Local customer

Testing Parameter: Internodes development

Dense **herbagreen**[®] cane, rich and healthy plants /leaves





Sugar Cane



Country: China

Year: 2015

Crop: Sugar Cane

Trial: Field Trail

Realised by: Newlystar Herbageen

Testing Parameter: Internodes development, quality

Control



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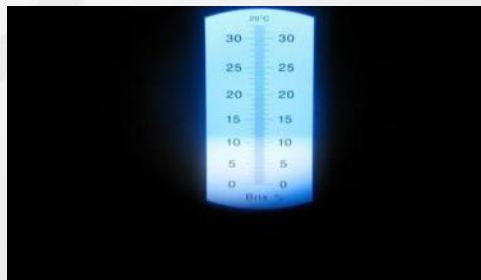
Sugar Cane



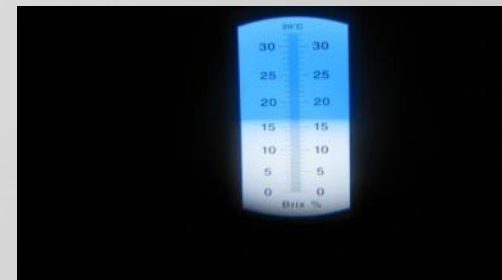
Country: Thailand
 Year: 2010
 Crop: Sugar Cane
 Trial: Field Trail
 Realised by: Local customer
 Testing Parameter: Brix, Quality

Control

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BRIX of control Plant 11-12



BRIX herbageen® Plant 15-17



Sunflower



Country: Romania

Year: 2012

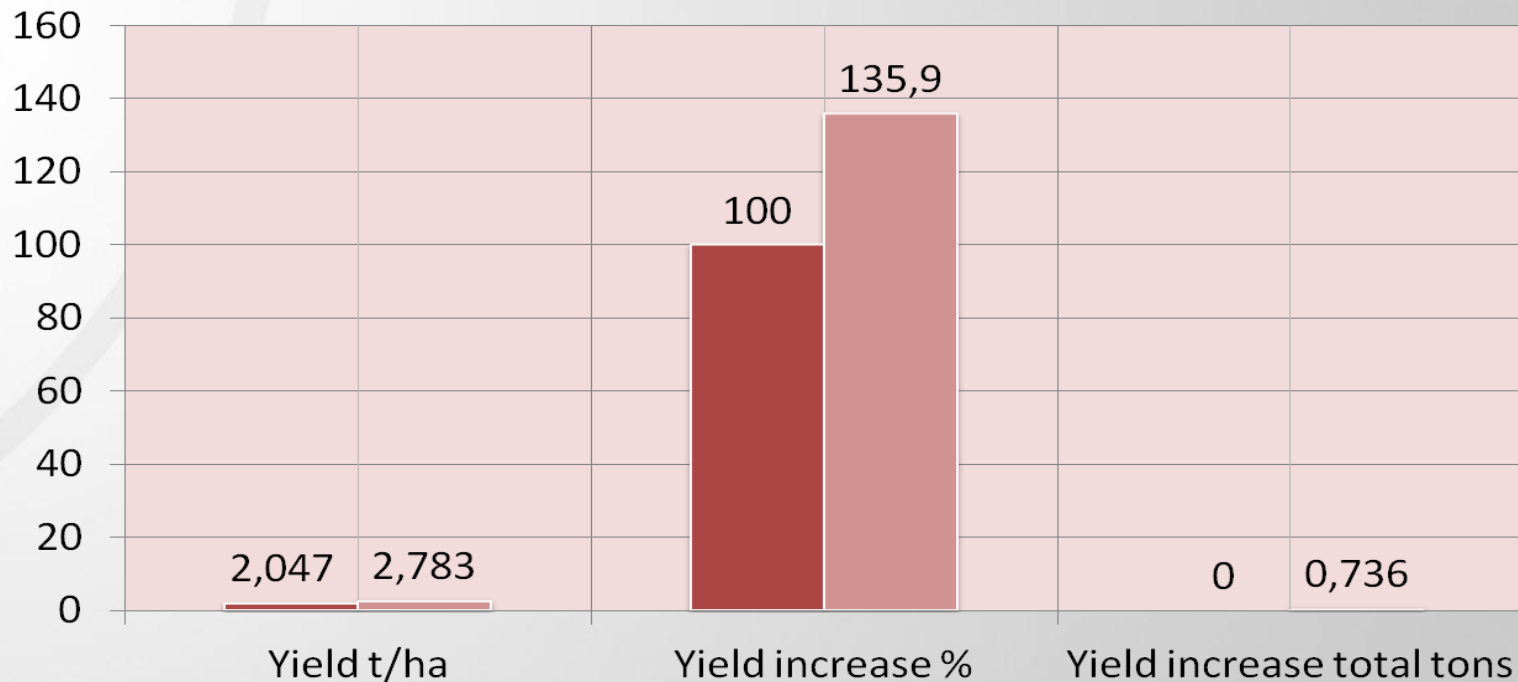
Crop: Sunflower

Trial: Scientific Trial

Realised by: Agricultural Science University Iasi

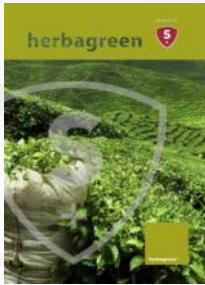
Testing Parameter: Yield Increase

■ Control ■ herbagreen 3 x 2,5 kg





Tea



Country: Turkey

Year: 2014

Crop: Tea

Trial: Field Trial

Realised by: Caykur Turkey

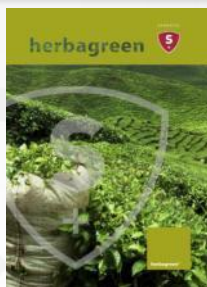
Testing Parameter: Quality



TEAS	Moisture %	Extract %	Cellulose %	Polyphenol%	Coffeine %	Total ash %
<i>NOT FERTILISED</i>	28,900	36,505	13,487	9,422	1,654	5,341
<i>NOT FERTILISED</i>	28,900	36,194	13,859	9,189	1,606	5,544
AVERAGE	28,900	36,349	13,673	9,306	1,630	5,443
<i>FERTILISED</i>	22,100	39,864	19,143	14,695	1,808	6,242
<i>FERTILISED</i>	22,100	39,455	19,081	14,368	1,937	6,222
AVERAGE	22,100	39,660	19,112	14,531	1,872	6,232



Tea



Country: Turkey

Year: 2014

Crop: Tea

Trial: Field Trial

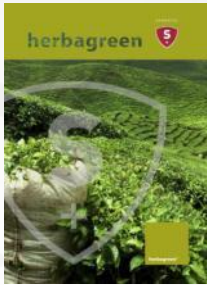
Realised by: Caykur Turkey

Testing Parameter: Quality





Tea



Country: Brazil

Year: 2015

Crop: Mate Tea

Trial: Field Trial

Realised by: Celso Karkle

Testing Parameter: Quality, Yield increase

Spraying of Mate Trees



Yield increase 5 %





Tobacco



Country: China

Year: 2015

Crop: Tobacco

Trial: Scientific Trial

Realised by: Yihuang Jiangxi – Tobacco Division

Testing Parameter: Root and plant development, yield increase

Control



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Root development





Tobacco



Country: China

Year: 2015

Crop: Tobacco

Trial: Scientific Trial

Realised by: Yihuang Jiangxi – Tobacco Division

Testing Parameter: Plant development

Control



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Tobacco



Country: China

Year: 2015

Crop: Tobacco

Trial: Scientific Trial

Realised by: Jiangxi – Tobacco Division

Testing Parameter: Root development, Quality, Yield increase

The tobacco seedlings which were treated with Herbagreen gain more weight. After 3 times of spraying. Herbagreen groups grow better than control.





Tobacco



Country: China

Year: 2015

Crop: Tobacco

Trial: Scientific Trial

Realised by: Jiangxi – Tobacco Division

Testing Parameter: Root development, Quality, Yield increase

Control

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Tobacco



Country: China

Year: 2015

Crop: Tobacco

Trial: Scientific Trial

Realised by: Jiangxi – Tobacco Division

Testing Parameter: Root development, quality dried leaves, yield increase

Control

herbagreen®





Tobacco



Country: China

Year: 2015

Crop: Tobacco

Trial: Scientific Trial

Realised by: Jiangxi – Tobacco Division

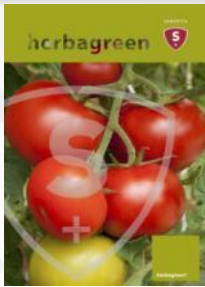
Testing Parameter: Root development, Quality, Yield increase

Harvest – Best Tobacco Quality





Tomato



Country: China

Year: 2014

Crop: Tomato

Trial: Field Trial

Realised by: Newlystar Herbageen

Testing Parameter: Plant development

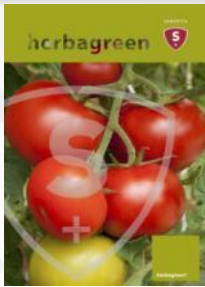
Control

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Tomato



Country: China – Inner Mongolia

Year: 2014

Crop: Tomato

Trial: Field Trial

Realised by: Newlystar Herbageen

Testing Parameter: Recovery after flooding

Control



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Tomato



Country: China

Year: 2014

Crop: Tomato

Trial: Field Trial

Realised by: Newlystar Herbageen

Testing Parameter: Quality

Control

herbageen®



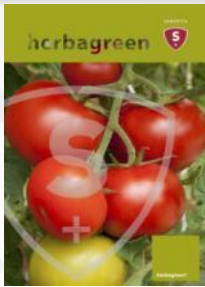
Control

herbageen®





Tomato



Country: Thailand

Year: 2014

Crop: Tomato

Trial: Scientific Trial

Realised by: University of Suranaree- Thailand – Ajan Sodchol

Testing Parameter: Quality, Yield

Control

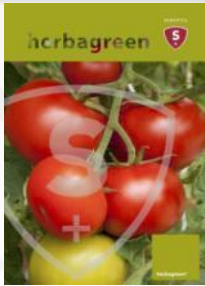


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Tomato



Country: Thailand

Year: 2014

Crop: Tomato

Trial: Scientific Trial

Realised by: University of Suranaree- Thailand – Ajan Sodchol

Testing Parameter: Young plant development

Control

herbageen®





Tomato



Country: Greece

Year: 2014

Crop: Tomato

Trial: Field Trail

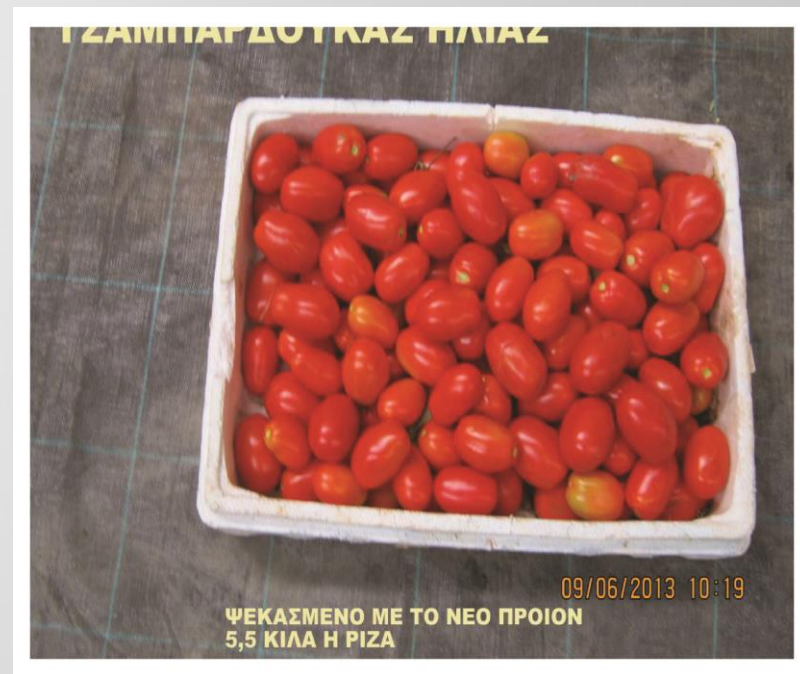
Realised by: Stefes/Sanovita

Testing Parameter: Yield increase /plant

Control 4,5 kg

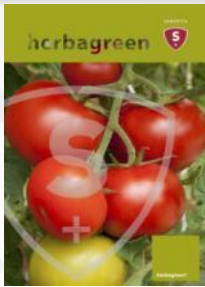


herbageen® 5,5 kg





Tomato



Country: Morocco - ACIL - (Domaine du Prince Moulay Ismail, Meknes)

Year: 2015

Crop: Tomato

Trial: Field Trail

Realised by: Maia Afrique

Testing Parameter: Shelf Life without cooling (after 7 days)

Control



herbageen®





Tomato



Country: Morocco - ACIL - (Domaine du Prince Moulay Ismail, Meknes)

Year: 2015

Crop: Tomato

Trial: Field Trail

Realised by: Maia Afrique

Testing Parameter: Earlier ripening

Control

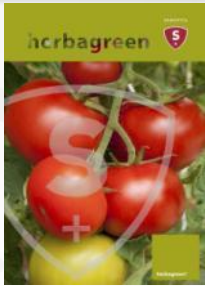


herbageen®





Tomato



Country: Morocco - ACIL - (Domaine du Prince Moulay Ismail, Meknes)

Year: 2015

Crop: Tomato

Trial: Field Trail

Realised by: Maia Afrique

Testing Parameter: Drought/Water Stress Situation

Control

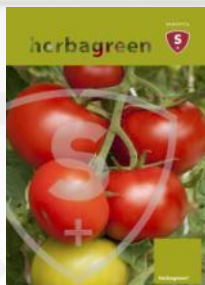


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Tomato



Country: Germany

Year: 2016

Crop: Tomato

Trial: Field Trail

Realised by: Sanovita

Testing Parameter: Earlier Ripening, fruit quality

Control

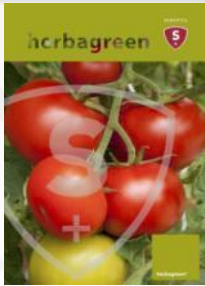


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Tomatoe



Country: Morocco - ACIL - (Domaine du Prince Moulay Ismail, Meknes)

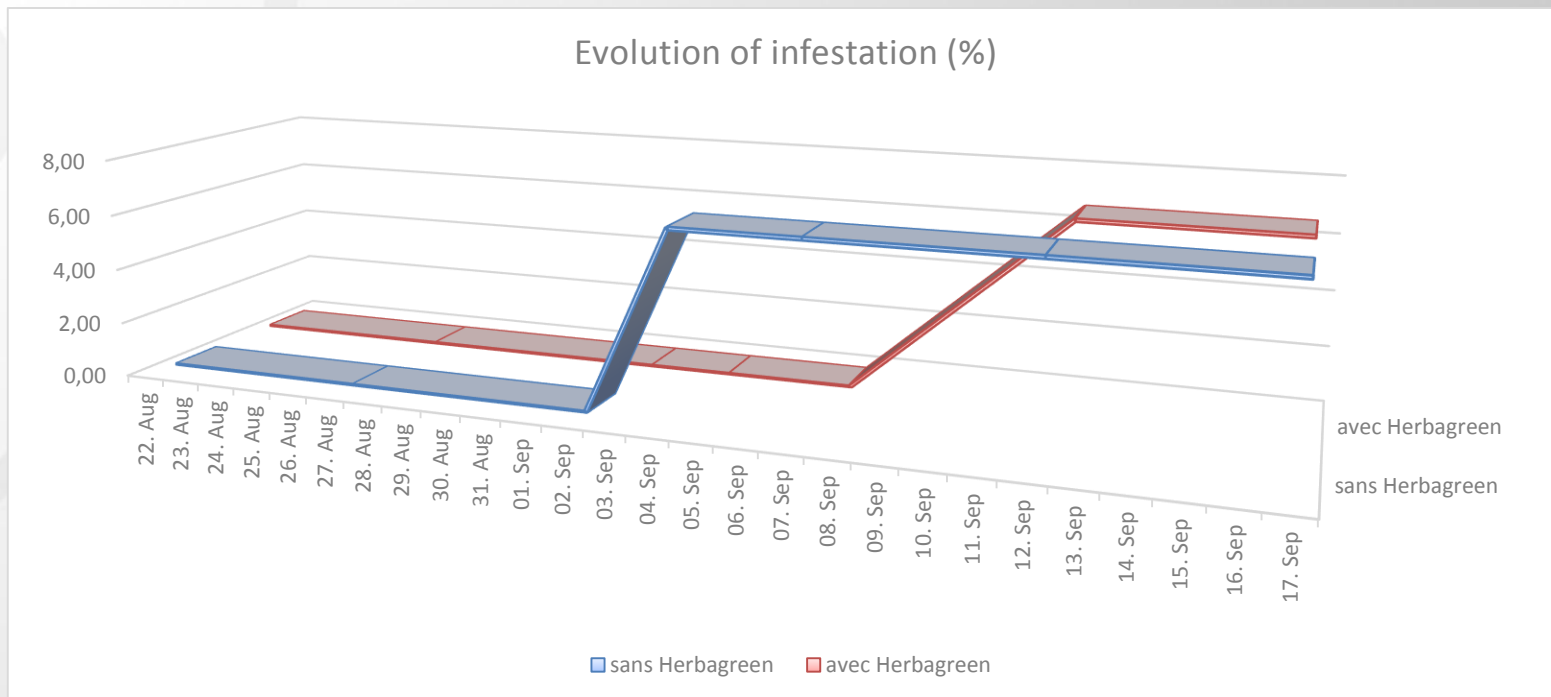
Year: 2015

Crop: Tomatoe

Trial: Field Trail

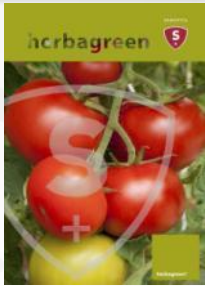
Realised by: Maia Afrique

Testing Parameter: Shelf Life (Air condition)





Tomatoe



Country: Morocco - ACIL - (Domaine du Prince Moulay Ismail, Meknes)

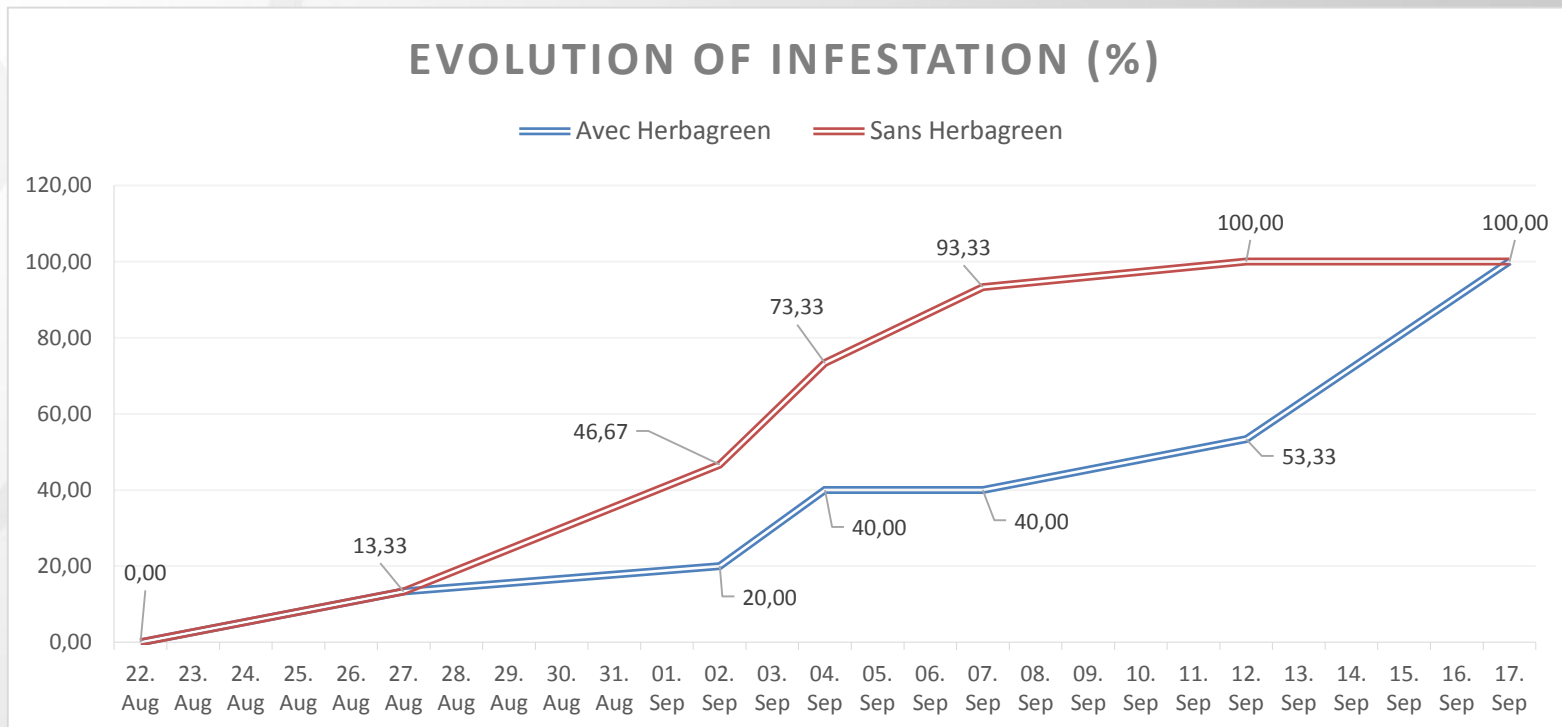
Year: 2015

Crop: Tomatoe

Trial: Field Trail

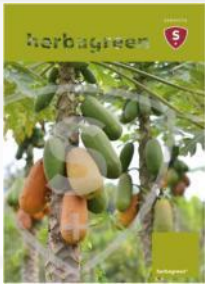
Realised by: Maia Afrique

Testing Parameter: Shelf Life (At room temperature)





Tropical Fruits



Country: Brazil - São José dos Pinhais - Parana

Year: 2014

Crop: Kaki Fruits

Trial: Field Trial

Realised by: Celso Karkle

Testing Parameter: Quality, Yield increase, shelf life at tree

Control

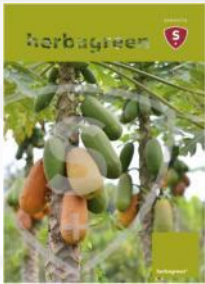


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Tropical Fruits



Country: Brazil - São José dos Pinhais - Parana

Year: 2014

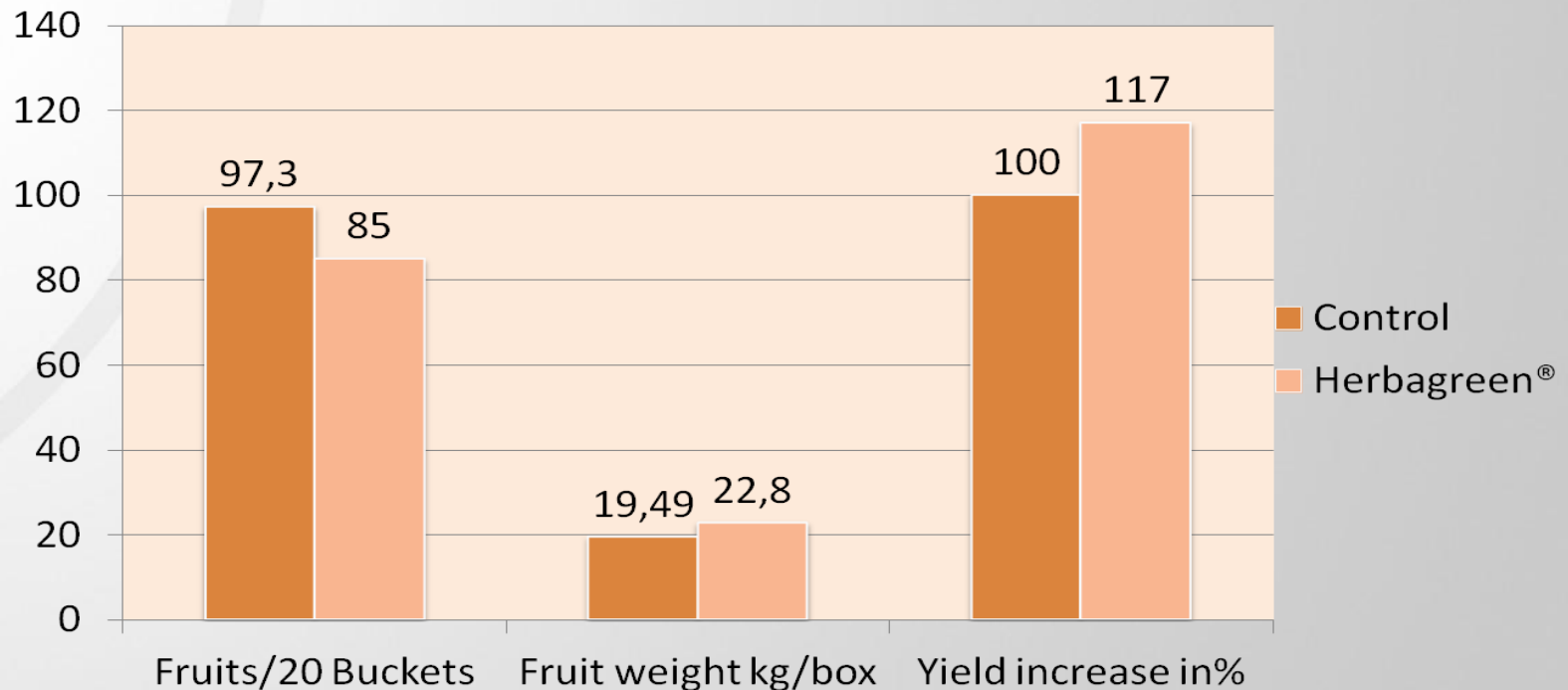
Crop: Kaki Fruits

Trial: Field Trial

Realised by: Celso Karkle

Testing Parameter: Quality, Yield increase

Owner: Chácara Letícia Farm Area: 11 hectares Tested Area: 20 trees Control: 200 trees





Cereals/Wheat



Country: India

Year: 2016

Crop: Wheat

Trial: Field trial

Realised by: Prof. Dilawari, Jaspal Kalra

Testing Parameter: Root development

Control



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Control



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Cereals/Wheat



Country: Germany

Year: 2010

Crop: Barley and Triticale

Trial: Field trial

Realised by: W. Wulf

Testing Parameter: Development after 3 Applications

Barley



Triticale

