Agrimedic GLOBAL

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TRULY EFFICIENT

PLANTOS VERDE®
RESULTS PRESENTATION

Introduction

Plantos Verde® have been tested all over the world on various crops that cover the whole spectrum.

We have compiled a shorter version by only selected the crops we have done demonstrations on in South Africa, Eswatini, Zimbabwe and Mauritius.

The following used for identification purposes:
PV = Plants treated with Plantos Verde®
NPV = Plants not treated

Sugarcane - Mkuze, KZN

(Day of 2nd spray - 21 days after 1st spray)

PV: There's a noticeable difference in leaf color, and the leaves are standing upright.

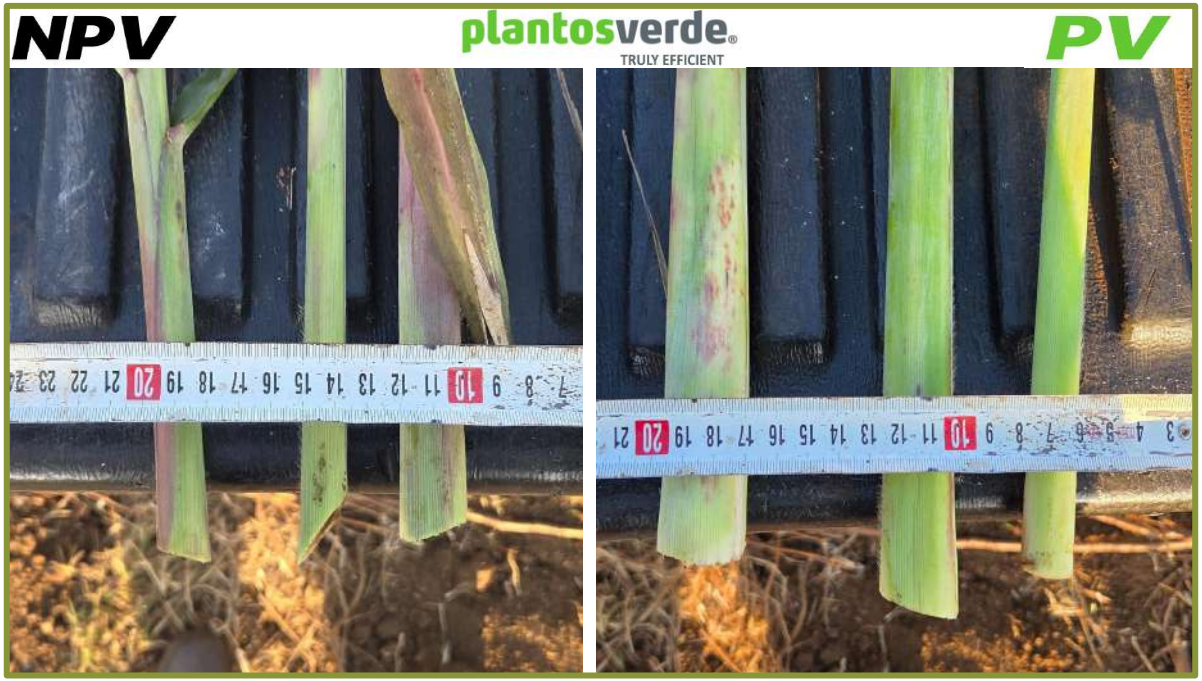
Sugarcane - Mkuze, KZN

(Day of 2nd spray - 21 days after 1st spray)

PV: Enhanced cell formation

Sugarcane - Mkuze, KZN

(Day of 2nd spray)



PV: Increased stern development

Sugarcane - Mkuze, KZN

(Day of 4th spray - 63 days after 1st spray)

PV: Increased stern height

Sugarcane - Mkuze, KZN

(Day of 4th spray - 63 days after 1st spray)

PV: Enhanced cell development and increased stern circumference

Sugarcane - Mkuze, KZN

(Day of 4th spray - 63 days after 1st spray)

PV: Improved Brix %

Sugarcane - Ubombo, Eswatini

(Day of 2nd spray - 21 days after 1st application)

PV: Increased stern height and circumference

Sugarcane - Ubombo, Eswatini

(Day of 2nd spray - 21 days after 1st application)

PV: Increased stern height and circumference

Sugarcane - Ubombo, Eswatini

(Day of 4th spray - 63 days after 1st application)

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NPV

PV

PV: Increased stern height and circumference

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Sugarcane - Ubombo, Eswatini

(Day of 4th spray - 63 days after 1st application)

PV: Increase in population, healthier leaves and difference in leaf cell structure

Sugarcane - Ubombo, Eswatini

(93 days after 1st application)

NPV plantosverde TRULY EFFICIENT PV

PV: Indicate vigor growth and healthier dark green leaves.

Sugarcane - Ubombo, Eswatini

(93 days after 1st application)

NPV

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PV

PV: Indicate vigor growth and healthier dark green leaves.

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Sugarcane - Ubombo, Eswatini

(Day of 4th spray - 63 days after 1st application)

Eldana worm came in and left without laying eggs.

High Brix Level not suitable for young worms

Sugarcane - Big Bend, Eswatini

(Day of 3rd spray - 42 days after 1st application)

PV: Increase in plant biomass

Sugarcane - Big Bend, Eswatini

(Day of 3rd spray - 42 days after 1st application)

PV: Plants started to form sugarcane - improved metabolism and photosynthesis

Sugarcane - Big Bend, Eswatini

(Day of 3rd spray - 42 days after 1st application)

PV: Plants started to form sugarcane - improved metabolism and photosynthesis

Sugarcane - Big Bend, Eswatini

(Day of 3rd spray - 42 days after 1st application)

PV: Improve Brix %

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Sugarcane - Big Bend, Eswatini

NPV

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PV

PV: Assisting in an improved canopy, less yellowing at the bottom leaves.

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Sugarcane - Big Bend, Eswatini

NPV

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PV

PV: Vigor growth and healthier dark green leaves.

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Sugarcane - Big Bend, Eswatini

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PV

NPV

Current harvest

PV: Increased biomass and node length

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Sugarcane - Big Bend, Eswatini

NPV

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PV

PV: 69% increase in stern weight = INCREASED YIELD

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Sugarcane - Simunye, Eswatini

(Day of 3rd spray - 42 days after 1st application)

PV: Improved cell formation

Sugarcane - Simunye, Eswatini

(Day of 3rd spray - 42 days after 1st application) Newly Planted

PV: Plants are healthier, greener leaves, increase in overall growth

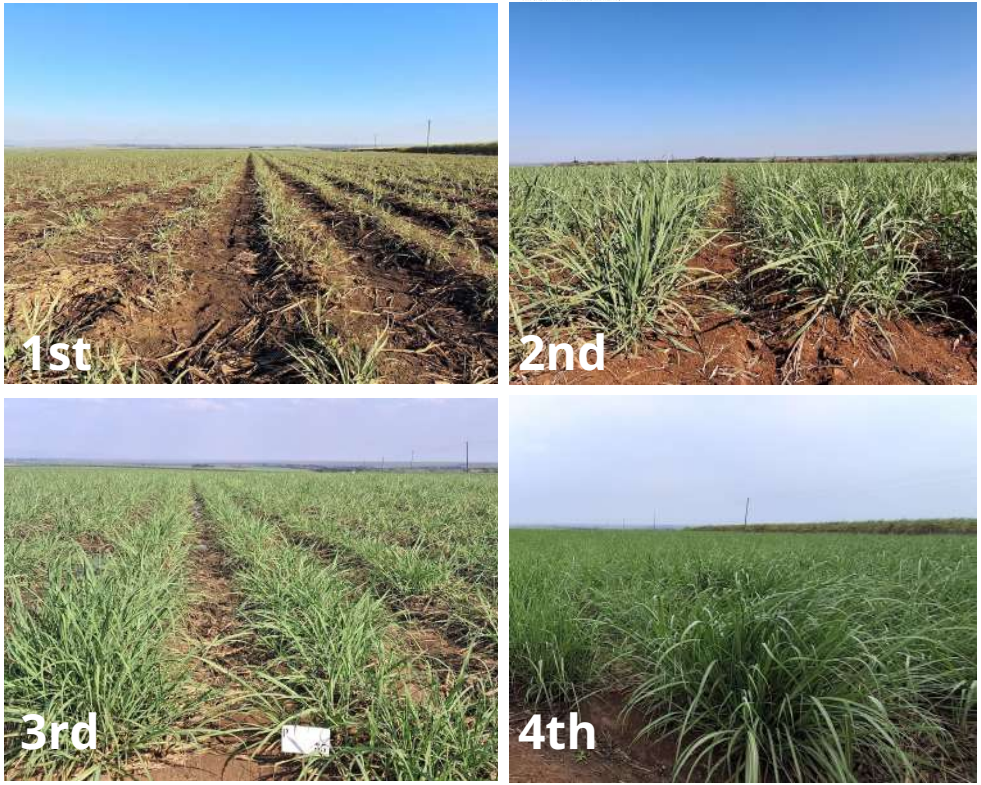
Sugarcane - Simunye, Eswatini

(Day of 3rd spray - 42 days after 1st application) Ratoon Field

PV: Vigorous growth due to increased metabolism and photosynthesis

Sugarcane - Simunye, Eswatini

(Spray Application Progress - Ratoon Section)



Sugarcane - Simunye, Eswatini

(Spray Application Progress - Ratoon Section)

NPV

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NPV

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Sugarcane - Simunye, Eswatini

NPV plantosverde® TRULY EFFICIENT PV

PV: Vigorous growth due to increased metabolism and photosynthesis

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Sugarcane - Simunye, Eswatini

PV: Increased biomass and longer nodes leading to increased yields.

NPV **PV**

PV

NPV

Sugarcane - Simunye, Eswatini

(Ratoon - APHIDS Test)

NPV

PV

AREA	VARIETY	AGE (wks.)	CROP	TOTAL LVS	1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	TOTAL COLONIES	% LVS INFESTED
10.8	N36	18	10	631	80	0	0	0	0	0	0	0	0	**80**	12.68%
10.9	N36	18	10	665	52	0	0	0	0	0	0	0	0	**52**	7.82%

PV: Although the test field ah no irrigation for 4 weeks it had a 62% less infestation of Yellow Aphids

Sugarcane - Simunye, Eswatini

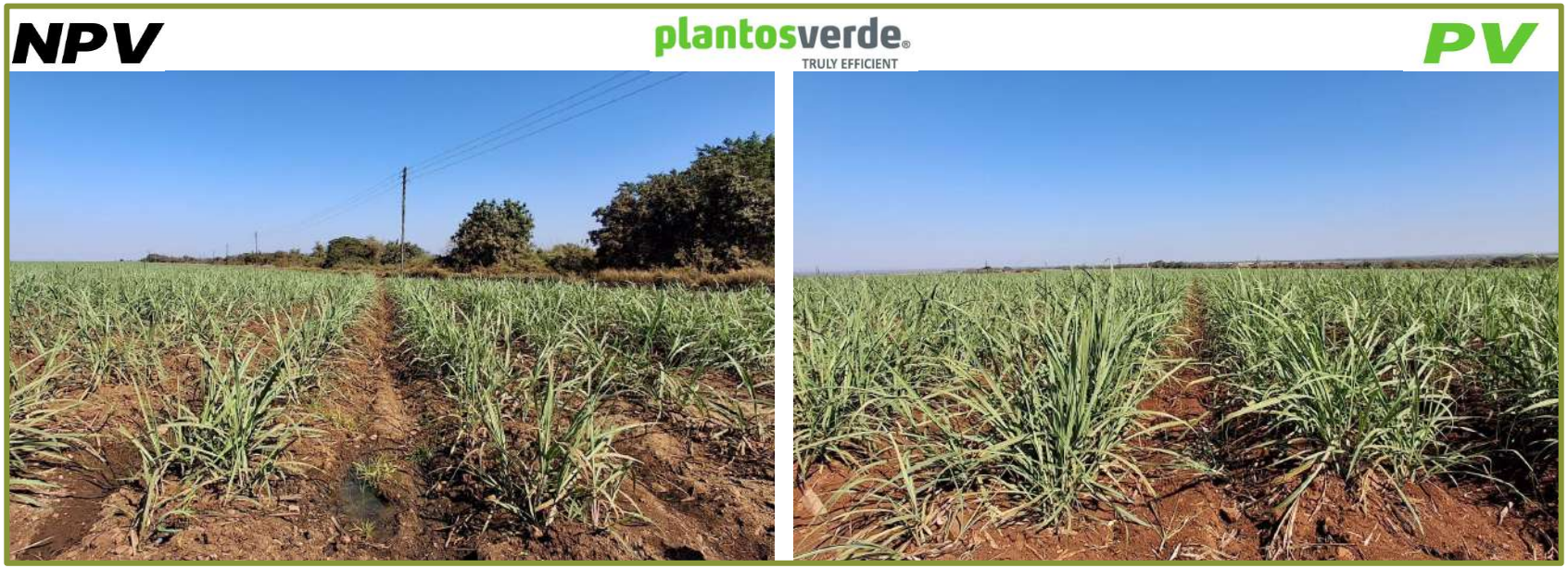
(Newly Planted - NPV | Day of 2nd spray)

Sugarcane - Simunye, Eswatini

(Newly Planted - PV | Day of 2nd spray)

Sugarcane - Simunye, Eswatini

(Newly Planted - Comparison)



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Sugarcane - Simunye, Eswatini

(Spray Progress - Newly Planted Section)

PV plantosverde® TRULY EFFICIENT PV

plantosverde® TRULY EFFICIENT

Sugarcane - Simunye, Eswatini

(Spray Progress - Newly Planted Section)

NPV

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NPV

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Sugarcane - Simunye, Eswatini

(Newly Planted - Measurement)

Sugarcane - Simunye, Eswatini

(Newly Planted - Measurement)

Sugarcane - Simunye, Eswatini

(Newly Planted - Measurement)

NPV

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PV

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Sugarcane - Simunye, Eswatini

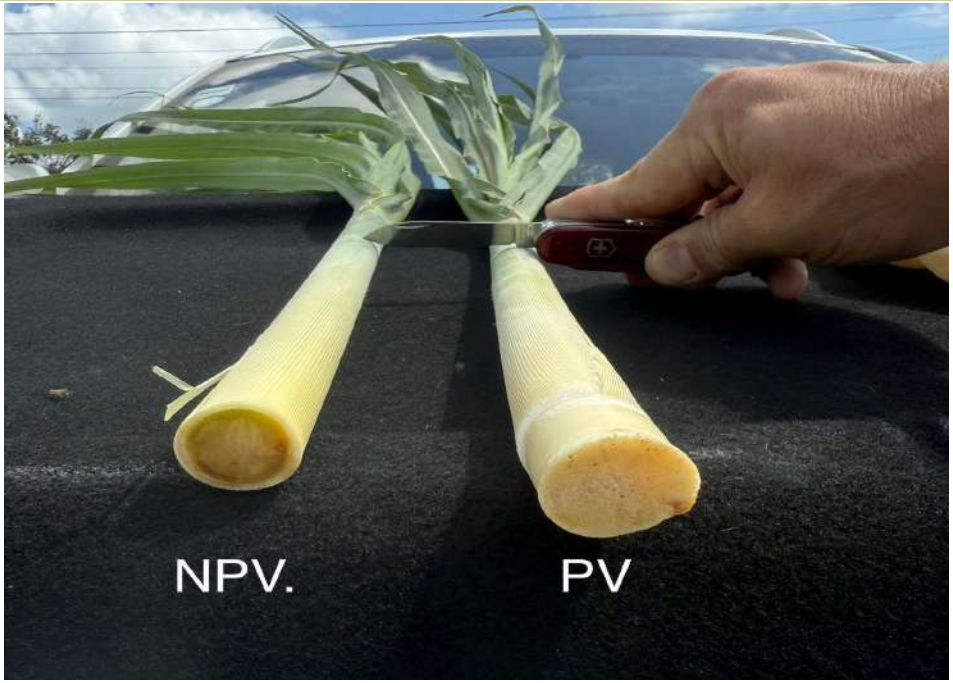
(Newly Planted - Measurement)

NPV Field is 4 weeks older than the PV Field

Sugarcane - Mauritius

(Day of 3rd spray - 42 days after 1st application) Ratoon

NPV plantosverde® TRULY EFFICIENT PV



PV: Increase in stern length and circumference. Plant started to form actual sugarcane.

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Cabbage - Brits, NW

PV: Leaves are standing upright and increased in size

Cabbage - Brits, NW

(Day of 2nd Spray)

PV: Accelerated growth

Cabbage - Brits, NW

(Harvest Day)

PV: Increase in root biomass (See weight difference)

Cabbage - Brits, NW

(Harvest Day)

The treated cabbages were, on average, 55 grams heavier than the untreated ones, based on a sample of four cabbages per group. Harvest was 35 days earlier due to Plantos Verde® impact.

Cabbage - Delmas, MP

(Day of 3rd Spray)

PV: Increase in biomass

Cabbage - Delmas, MP

(Day of 3rd Spray)

PV: Increase in biomass

Cabbage - Delmas, MP

PV: Increase in root biomass

Cabbage - Delmas, MP

PV: Increase in biomass

Cabbage - Delmas, MP

PV: Increase in root and plant biomass

Cabbage - Delmas, MP

PV: Increase in biomass

Cabbage - Delmas, MP

PV: Increase in biomass, additional weight

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Broccoli - Delmas, MP

(Day after 2nd spray)

PV: Increase in root and plant biomass

Broccoli - Delmas, MP

(Day of 5th spray)

PV: Increase in biomass

Broccoli - Delmas, MP

(Day of 5th spray)

PV: Increase in biomass

Cauliflower - Delmas, MP

(Day after 2nd spray)

PV Treated Leaves shows no visible damage of pests or insects

Cauliflower - Delmas, MP

(Day of 5th spray)

PV: Increased root development

Cauliflower - Delmas, MP

(Day of 5th spray)

PV: Increase in biomass

Cauliflower - Delmas, MP

(Day of 6th spray)

PV: Increase in biomass, earlier harvest

Cauliflower - Delmas, MP

(Day of 6th spray)

PV: Increase in root and plant biomass

Cauliflower - Delmas, MP

PV: Increase in root and plant biomass

Cauliflower - Delmas, MP

(Day of 6th spray)

PV: Increase in biomass and increase in weight

Spinach - Dube, NW

Despite heavy rainfall across the field, the PV®-treated area showed 30% fewer yellow leaves compared to the untreated (NPV) area, highlighting the protective effect of PV®

Lucerne - Koedoeskop, NW

PV: Increase in plant biomass

Lucerne - Beestekraal, NW

PV® area was cut 3 weeks after NPV, yet both fields were the same size at the time of the photo—showing rapid re growth in the PV® area.

Lettuce - Mauritius

5 days after 1st Application

PV: Increase in plant biomass - accelerated growth

Lettuce - Mauritius

PV: 10 days after 1st application and increased biomass

Lettuce - Mauritius

Plants grew noticeably within 7 days after being treated with PV.

PV

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PV

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Tea - Mauritius

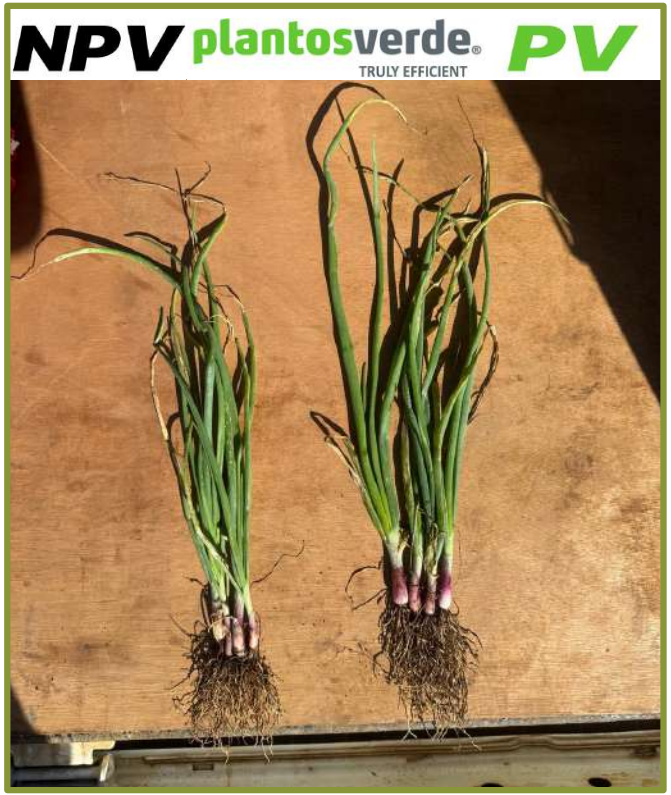
NPV PV PV

Tea plants in nursery treated with 1st application.

Chives - Delmas, MP

Control chives remain unharvestable, whereas PV®-treated chives are ready for a second cut.

Spring Onions - Mauritius



Visible size difference between NPV and PV® areas observed two weeks after the first application

Spring Onions - Mauritius

NPV: Total weight of 6 plants 51 grams. Avg of 8,5g each.

PV: Total weight of 6 plants 74 grams. Avg 12,33g each.

Winter Wheat - Beestekraal, NW

(Assessment Day)

(NPV 3 weeks older but PV with increased biomass)

Winter Wheat - Beestekraal, NW

(Assessment Day)

PV: Increase in root and plant biomass

Winter Wheat - Beestekraal, NW

(Assessment Day)

Yield comparison (10 Grains):

- NPV: 15g
- PV®: 30g

Beetroot - Brits, NW

PV: Healthier leaves and increased plant growth

Beetroot - Brits, NW

Beetroot - Brits, NW

PV: Increased yield

Beetroot - Brits - NW

Day of harvest

PV

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PV

NPV not ready for harvest. Although PV harvest delayed by 21 days, the beetroot was still juicy and sweet

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Beetroot - Brits - NW

Day of harvest

PV

plantosverde® TRULY EFFICIENT

PV

NPV were not ready for harvest and delayed PV harvest by 21 days

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Tomatoes - Mauritius

Tomatoes were accidentally exposed to herbicide through their hydroponic system, affecting the roots directly. PV® was applied three times over six days, resulting in a visibly clear recovery.

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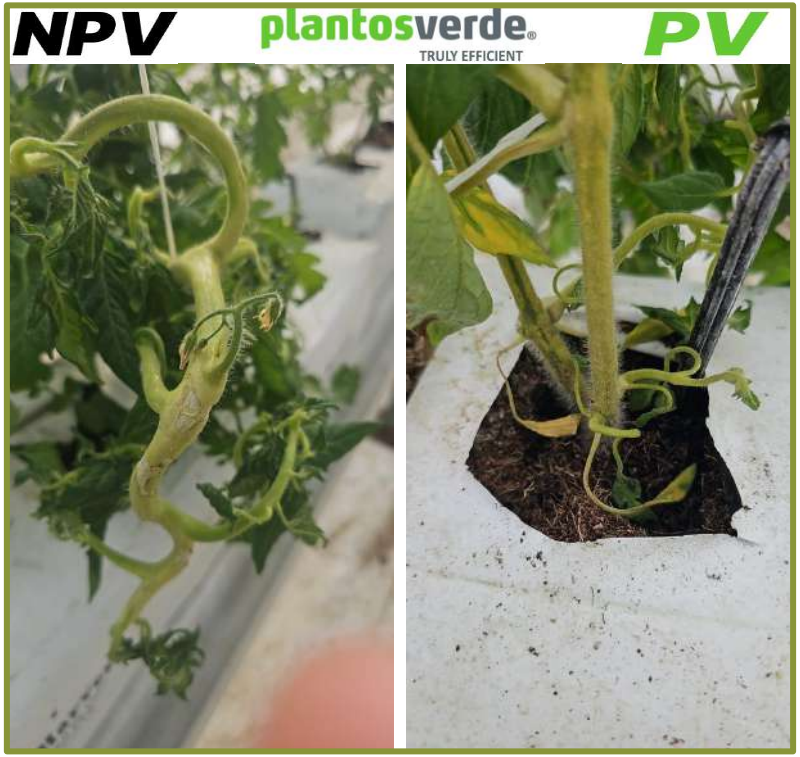
Tomatoes



Tomatoes were accidentally exposed to herbicide through their hydroponic system, affecting the roots directly. PV® was applied twice over six days, resulting in a visibly clear recovery.

Tomatoes - Brits - NW

NPV

plantosverde® TRULY EFFICIENT

PV

Tomatoes treated with PV showed 34% more red fruit compared to untreated plants.

Tomatoes - Brits - NW

NPV

plantosverde® TRULY EFFICIENT

PV

Treated tomatoes also showed fewer visible pests and healthier overall fruit quality.

Tomatoes - Brits - NW

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PV

NPV

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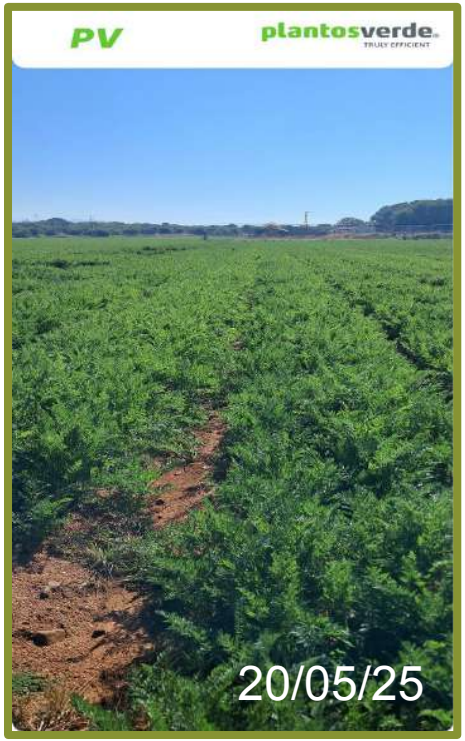
Carrots - Brits, NW



PV: Increased metabolism and photosynthesis assisted plants damaged by excess rain

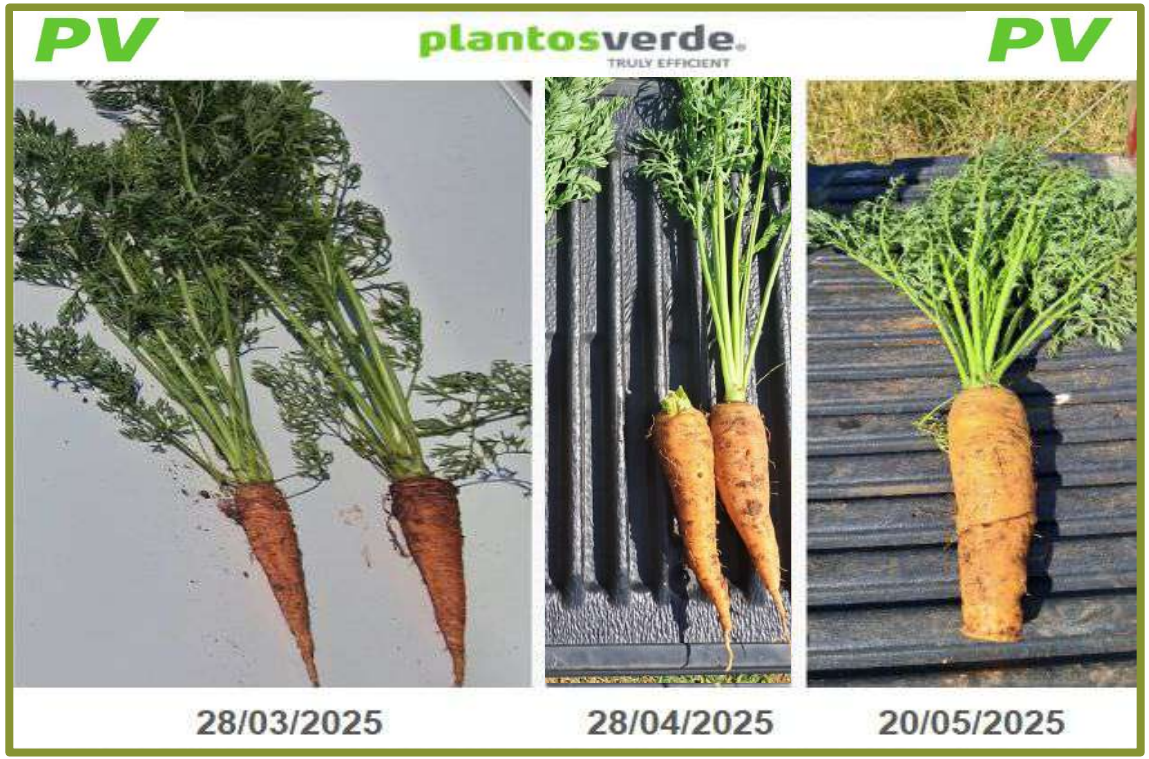
Carrots - Koedoeskop, NW

(Day of Last Spray)

Carrots:

- Left: NPV (6 Weeks older)
- Middle: PV®
- Right: NPV

Carrots - Brits, NW



PV: Increase in biomass and yield

Carrots - Brits - NW

NPV plantosverde TRULY EFFICIENT PV

Difference in growth between NPV and PV.

Carrots - Brits - NW

NPV plantosverde® TRULY EFFICIENT PV

Difference in growth between NPV and PV.

Carrots - Brits - NW

Day of harvest

PV plantosverde TRULY EFFICIENT PV

PV Carrots are all uniform and could have been harvested earlier, but NPV carrots were not ready.

Carrots - Delmas, MP

PV: Increase in yield and shorter growth period

Carrots - Delmas, MP

PV: Improved cell formation

Maize - Limpopo

PV: Increase in root and plant biomass

Cucumbers - Stanger, KZN

Growth variance observed 14 days after the first PV® application.

Eucalyptus - Mossel Bay, EC

Growth variance observed 14 days after the first PV® application.

Oranges - Brits, NW

PV:Increase in biomass, and brix %

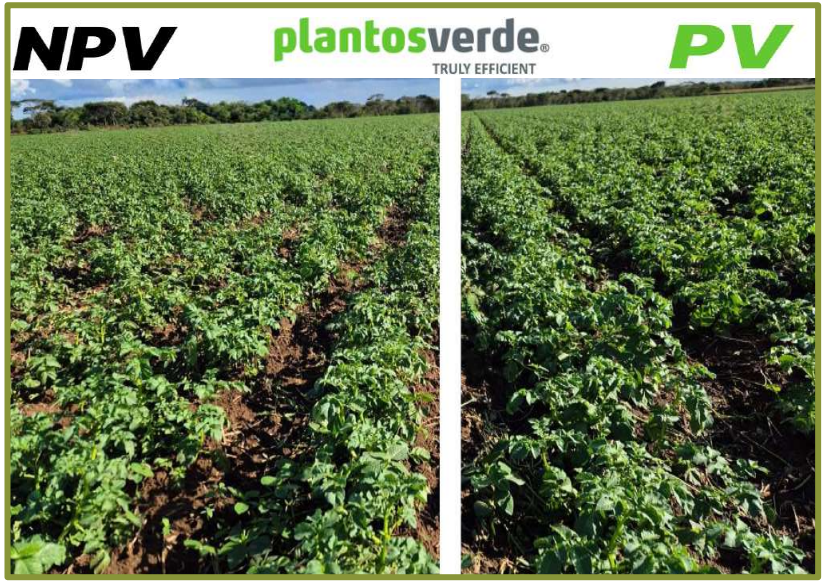
Oranges - Brits, NW

PV: Increase in yield

Turnips - Delmas, MP

PV: Increase in biomass

Potatoes - Zimbabwe

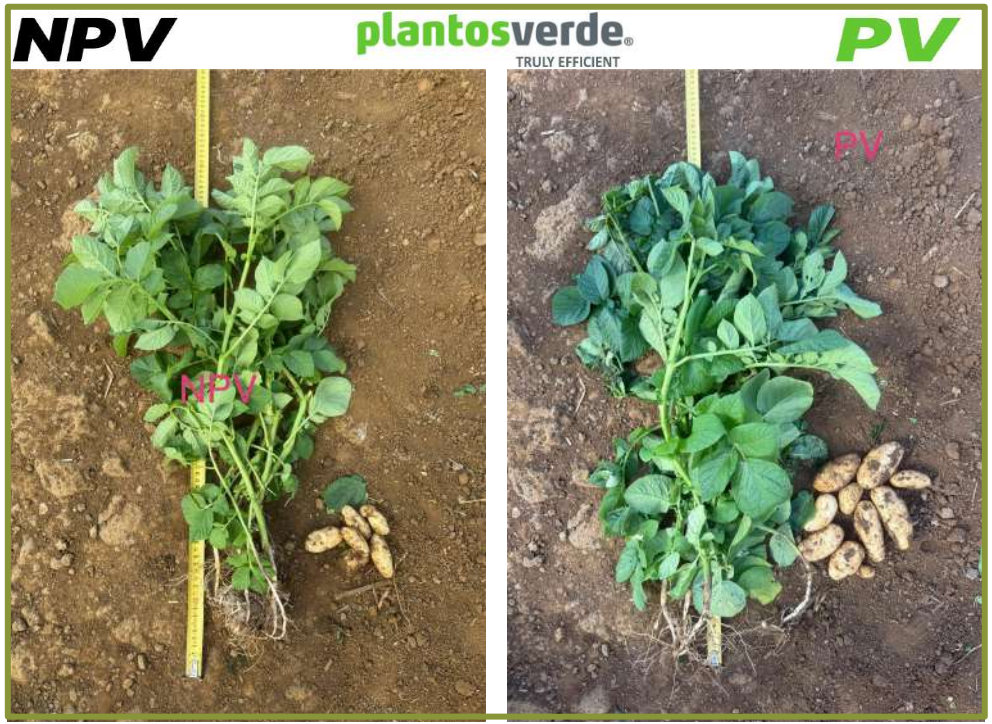


PV: Increase in plant health, greener leaves,
increased leaf density

Potatoes - Mauritius

Crop: Potato- **Variety:** Spunta - **Trial:** Field Trial - **Realised by:** Arnaud Boulle

Testing Parameter: Effect of Plantos Verde® seed germination



Potato seed was rolled in Plantos Verde® on 11th of June. Photo taken on 27th of August.

Potatoes - Mauritius

Crop: Potato - **Variety:** Spunta, **Trial:** Field Trial - **Realised by:** Arnaud Boulle

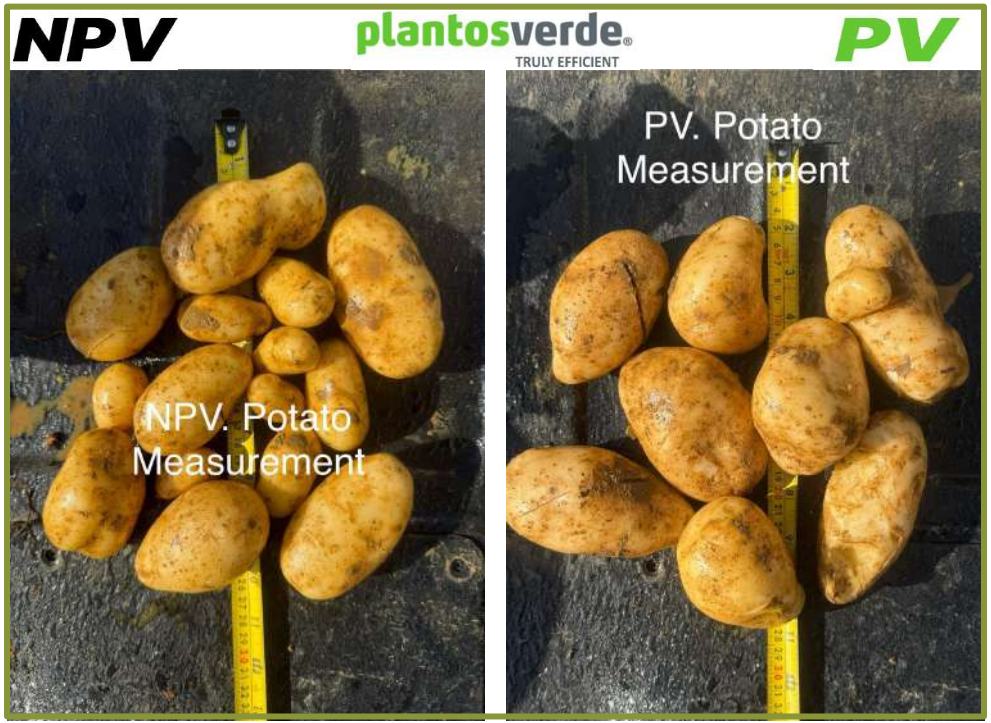
Testing Parameter: Effect of Plantos Verde® on weight.

Potato seed was rolled in Plantos Verde®- Increased biomass

Potatoes - Mauritius

Crop: Potato - **Variety:** Spunta - **Trial:** Field Trial - **Realised by:** Arnaud Boulle

Testing Parameter: Effect of Plantos Verde® on tubers.

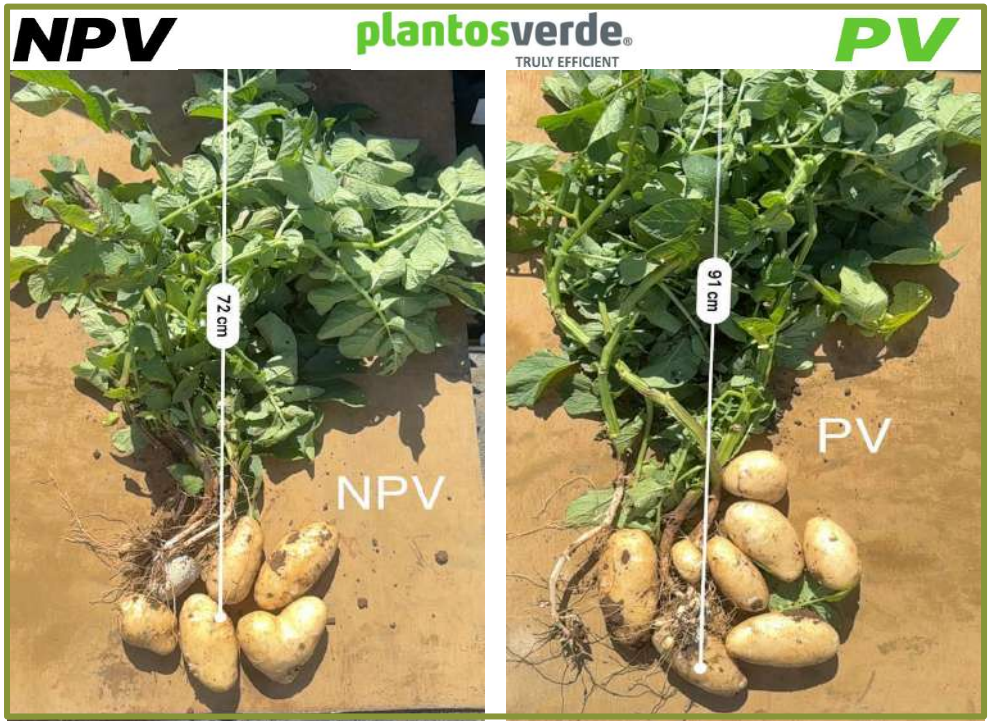


Potato seed was rolled in Plantos Verde®- Increased biomass, even growth

Potatoes - Mauritius

Crop: Potato - **Variety:** Spunta - **Trial:** Field Trial - **Realised by:** Arnaud Boulle

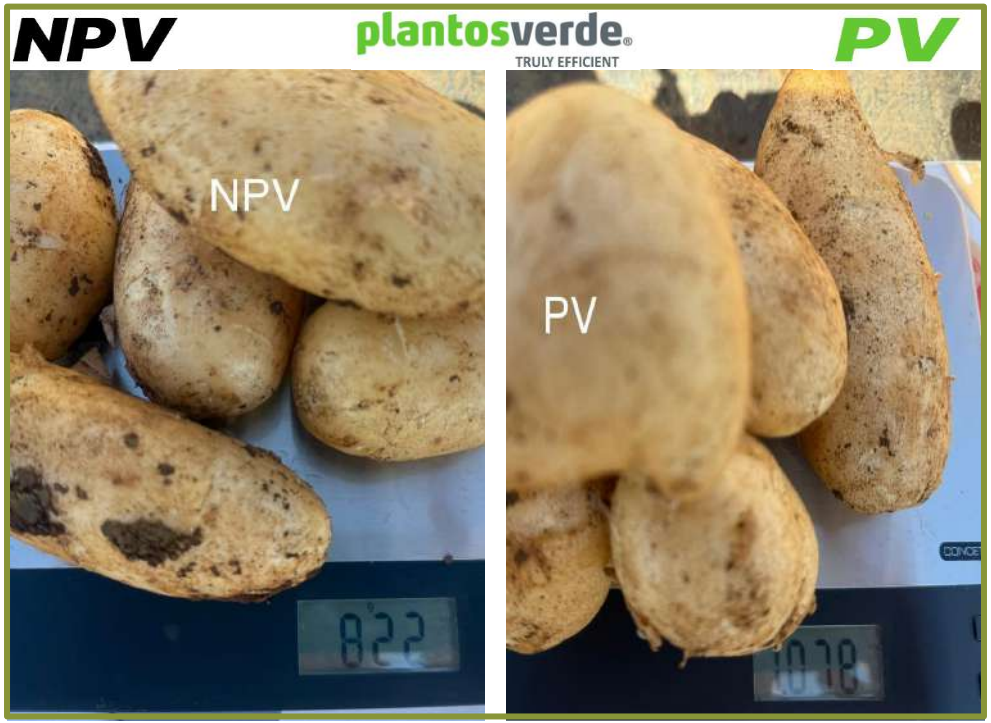
Testing Parameter: Effect of Plantos Verde® on tubers.



Potato seed was rolled in Plantos Verde®- Increased yield

Potatoes - Mauritius

Crop: Potato - **Variety:** Spunta - **Trial:** Field Trial - **Realised by:** Arnaud Boulle **Testing Parameter:** Effect of Plantos Verde® on tubers.



Potato seed was rolled in Plantos Verde®- Increased biomass

Potatoes - Mauritius

Crop: Potato - **Variety:** Spunta - **Trial:** Field Trial - **Realised by:** Arnaud Boulle **Testing Parameter:** Effect of Plantos Verde® on tubers.

NPV plantosverde® TRULY EFFICIENT PV

PV Potatoes More Biomass

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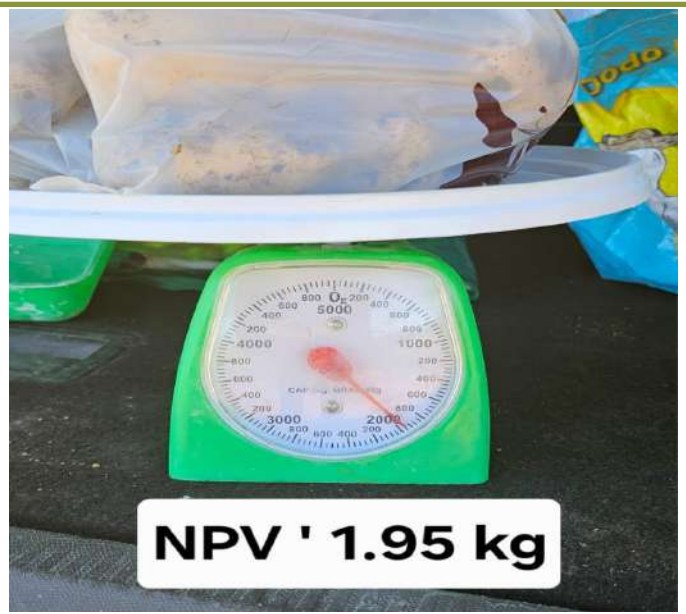
Potatoes - Mauritius

Crop: Potato - **Variety:** Spunta - **Trial:** Field Trial - **Realised by:** Arnaud Boulle **Testing Parameter:** Effect of Plantos Verde® on tubers.

NPV

plantosverde® TRULY EFFICIENT

PV



PV Potatoes Surpass Expectations: 92% More Biomass, Just 3 Weeks to Harvest

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Potatoes - Mauritius

Day of harvest.

Despite the challenging Mauritian soil conditions, PV treated delivered an 8.5% yield increase, including 6.2% increase in Grade A potatoes and a 7.9% increase in revenue.

Potatoes - Mauritius

Day of harvest | Different field.

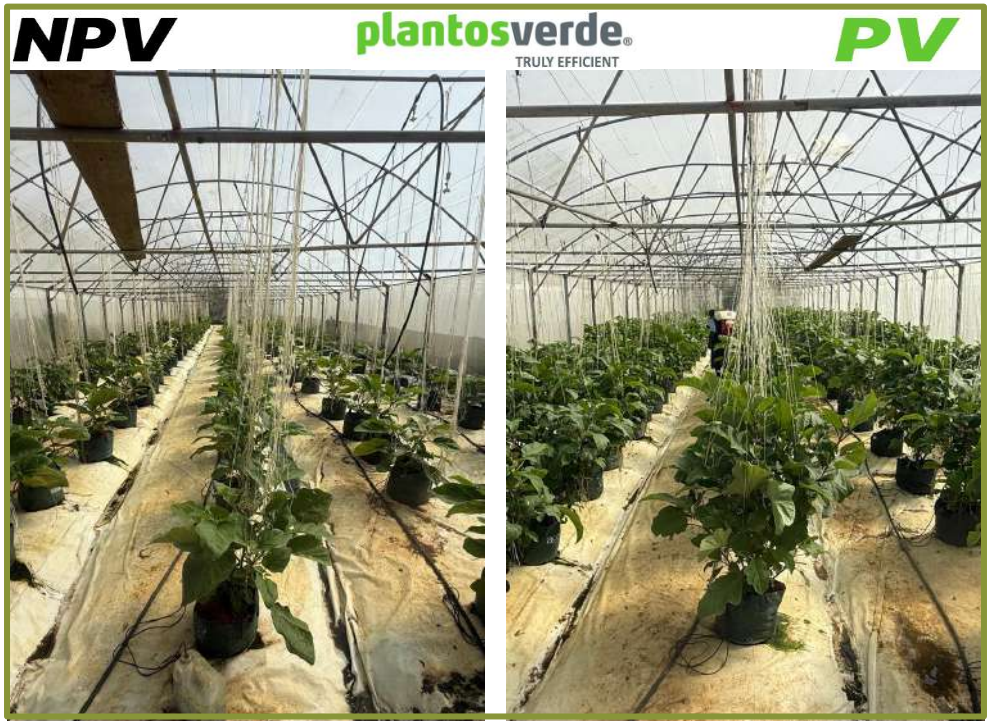
PV plantosverde® TRULY EFFICIENT PV

On a different field, PV resulted in a 6.36% increase in total yield, a 6.6% increase in Grade A potatoes, and an 11.4% increase in revenue.

Eggplant - Mauritius

Crop: Eggplant - **Trial:** Field Trial - **Realised by:** Arnaud Boulle

Testing Parameter: Effect of Plantos Verde® growth

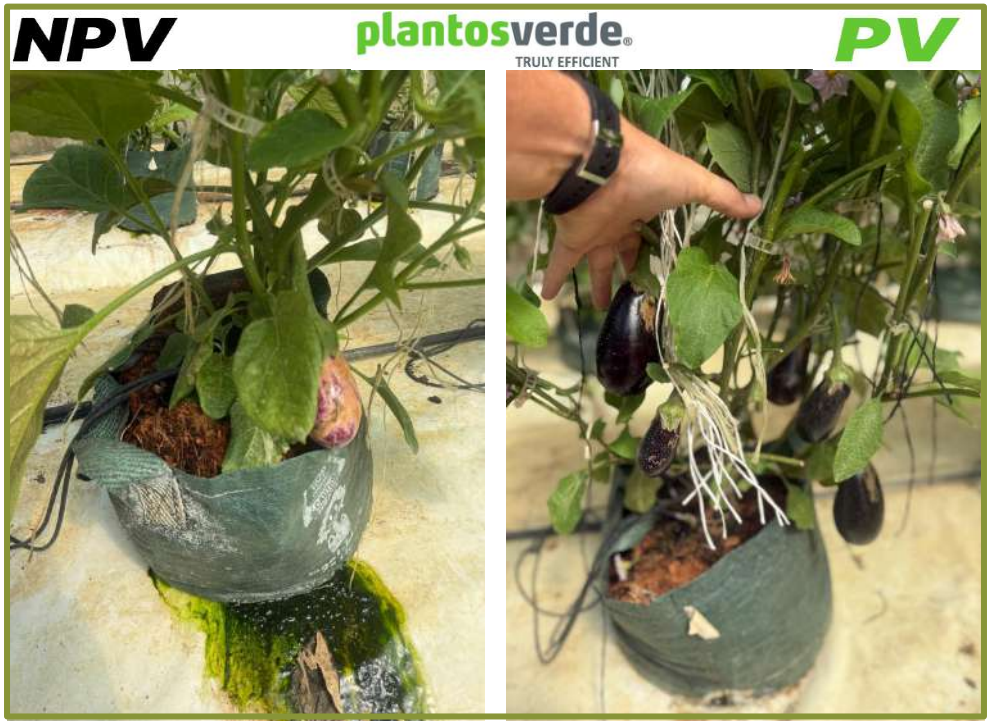


PV: Increase in plant biomass, healthier,

Eggplant - Mauritius

Crop: Eggplant - **Trial:** Field Trial - **Realised by:** Arnaud Boulle

Testing Parameter: Effect of Plantos Verde® growth

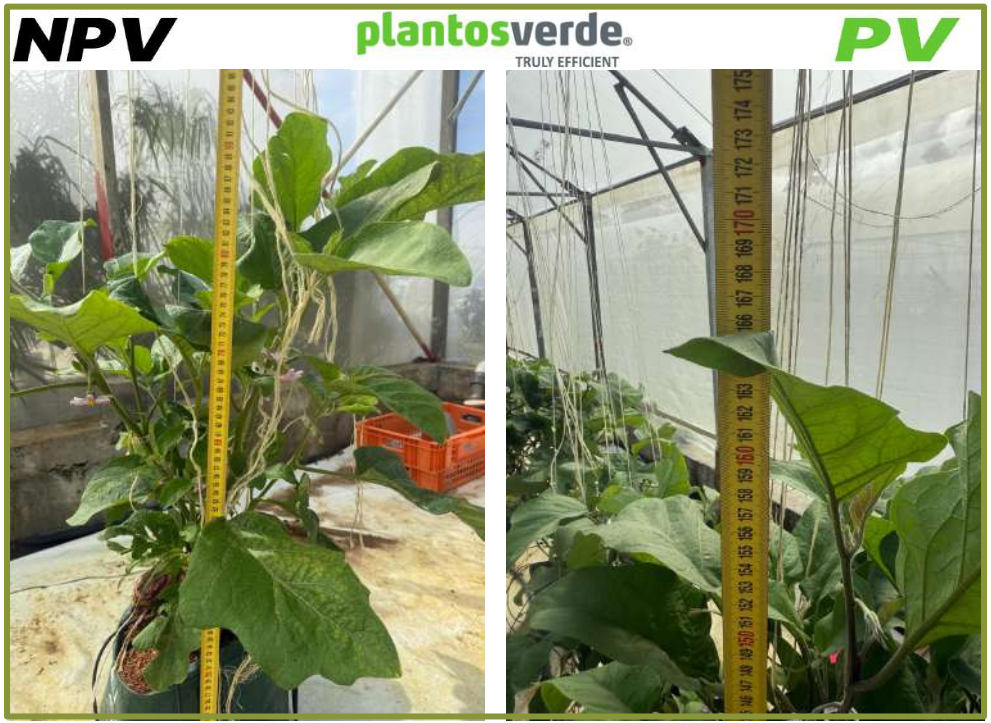


PV: Increase in yield

Eggplant - Mauritius

Crop: Eggplant - **Trial:** Field Trial - **Realised by:** Arnaud Boulle

Testing Parameter: Effect of Plantos Verde® growth



PV: Increase in plant biomass

Eggplant - Mauritius

Crop: Eggplant - **Trial:** Field Trial - **Realised by:** Arnaud Boulle

Testing Parameter: Effect of Plantos Verde® growth

NPV

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PV

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Eggplant - Mauritius

NPV

plantosverde® TRULY EFFICIENT

PV

PV: 5 weeks to go and PV delivered a 3 week earlier harvest and 41% increase in

Melons - Mauritius

1st Application of Plantos Verde

PV plantosverde® TRULY EFFICIENT PV

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Melons - Mauritius

4th Application, 66 days after the 1st application.

PV plantosverde® TRULY EFFICIENT PV

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Peanuts - Mauritius

NPV

plantosverde® TRULY EFFICIENT

PV

PV: 1st Application 16 Oct, 3rd Application 13 Nov - Increased biomass and Yield

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Polo Field - Johannesburg

Crop: Grass - **Trial:** Field Trial - **Realised by:** Nicole Herbst

Testing Parameter: Effect of Plantos Verde® on growth

PV: Increase in growth, health and density

Hockey Field - HPC UP, PTA

PV: Increase in growth, health and density

Cannabis - Eswatini

Day of the 1st application.

Cannabis - Eswatini

Difference between 12 days and 19 days.

Cannabis - Eswatini

PV plantosverde® TRULY EFFICIENT PV

26 days after 1st application.

Bananas - Nsoko - Eswatini

Nursery Plants Treated

NPV

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PV

12 days after 1st application and a difference in growth.

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Bananas - Nsoko - Eswatini

Treated Nursery Plants Planted in the Field

NPV

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PV

5 days after replant and a clear difference in the growth of the treated plants.

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Bananas - Nsoko - Eswatini

Treated Nursery Plants Difference in Treated Plants after 14 days from the 1st application.

NPV

PV

Bananas - Nsoko - Eswatini

Plantos Verde applied 21 days ago - Increase in growth

Bananas - Nsoko - Eswatini

PV Plants Close the Gap: 12 Weeks Younger, Fully Caught Up in Just 3 Months

Bananas - Nsoko - Eswatini

Plantos Verde applied 21 days ago.

Bananas - Nsoko - Eswatini

Difference in growth in the treated plants

NPV plantosverde® TRULY EFFICIENT PV

plantosverde® TRULY EFFICIENT

Bananas - Nsoko - Eswatini

NPV PV NPV PV

PV Plants Show Rapid Growth: 35-Day Progress Compared to 10-Week Older NPV Counterparts

Bananas - Nsoko - Eswatini

35 Days of Growth: Plantos Verde Sprayed Plants Show Dramatic Progress


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