

NUTRA-PARK

“Maximizing Nature’s Potential, Naturally”

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History of Nutra-Park

- | | |
|-------------|--|
| 2022 | Patent registration
Composition for enhancing plant immunity against parasitic pathogens (10-2368228) |
| 2021 | Acquire Certification
Acquire Certificate of Public Disclosure of Organic Agricultural Material |
| 2018 | Reborn
Acquisition of NUTRA-PARK from R&D Specialties (Asia) Co., Ltd.

NUTRA-PARK was re-established under new management. |
| 2017 | World-wide sales
LPE products have been sold and tested worldwide. |
| 2008 | Acquisition
All the shares are transferred to R&D Specialties (Asia) Co., Ltd. and more field trials were performed with new formulations. |
| 2005 | New Formulation
MicroAMP technology was developed to increase homogeneity and reduced the particle size.

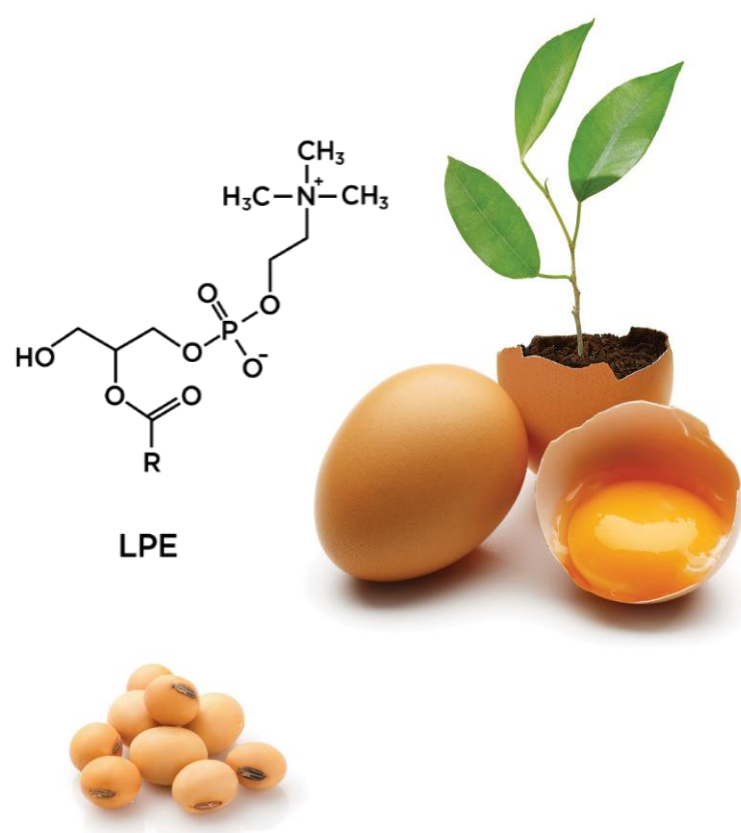
Storability has also increased dramatically. |
| 2001 | Discovery
Efficacy of LPE was found by University of Wisconsin team, USA and NUTRA-PARK was established. |

LPE – Main Technology

LPE (LysoPhosphatidylEthanolamine)

LPE (LysoPhosphatidylEthanolamine)

A natural phospholipids found in biological membranes. It results in color development, sugar contents increase, storability with good quality of fruits and vegetables.



ORIGIN

Natural phospholipid extracted from egg yolk present in all cell membranes.

EFFICACY

LPE enhances fruit qualities;
(Increasing color, sugar content and improving shelf life)

SAFETY

Listed as Eco-friendly agricultural material in South Korea.
Using material categorized in US-EPA inert list 4.
(Inert list 4: "generally considered as safe..")

LISTED

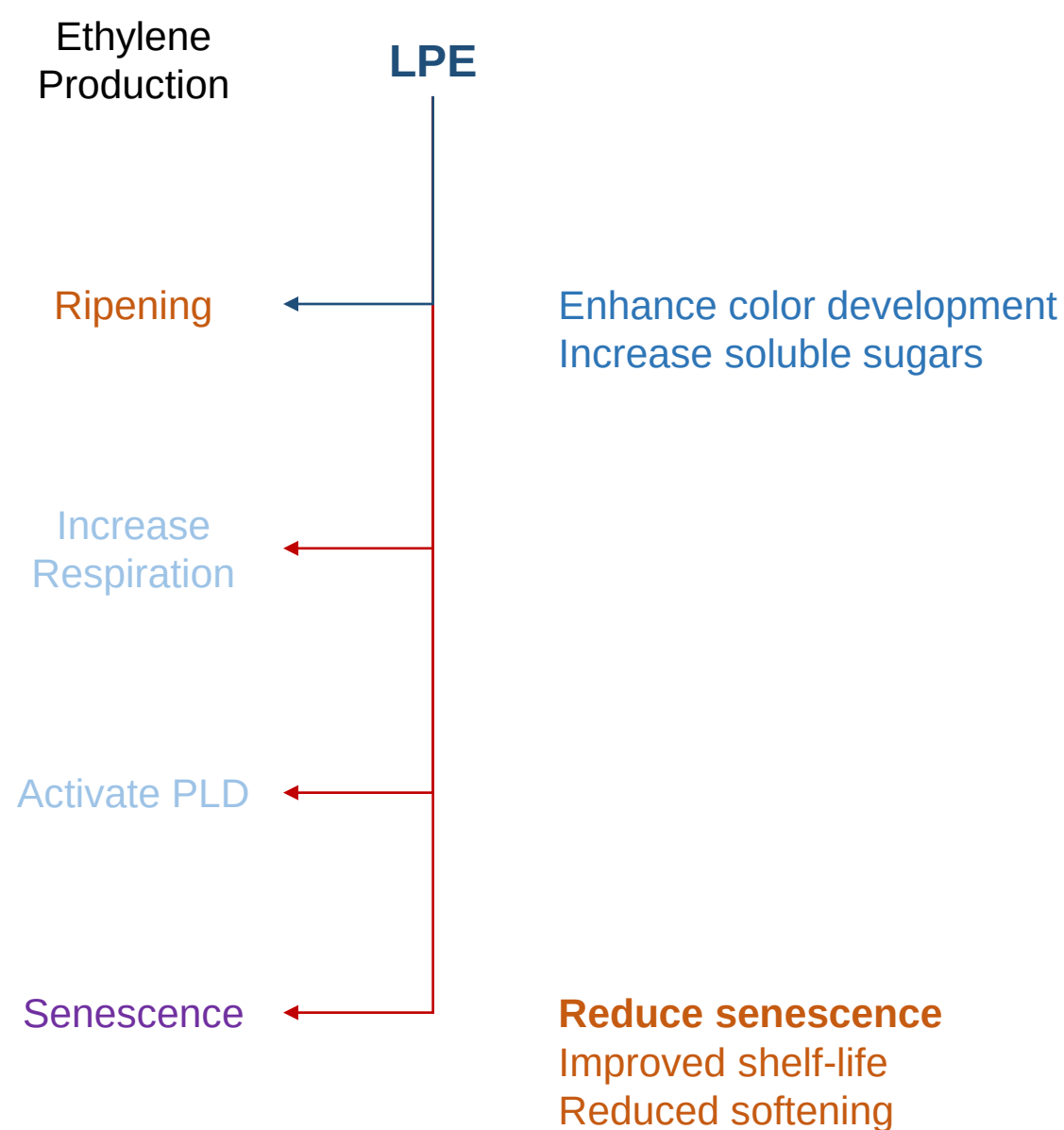
Listed as bio-pesticide on US-EPA.
(EPA: Environmental Protection Agency)

TRUST

Over 500 trials at over 20 countries Efficacy confirmed.

LPE – Mode of Action

The dual activities represent that LPE does not increase respiration. yet stimulates the ripening and reduce senescence processes.



Fruit Q+

Breaking the Conventional Wisdom

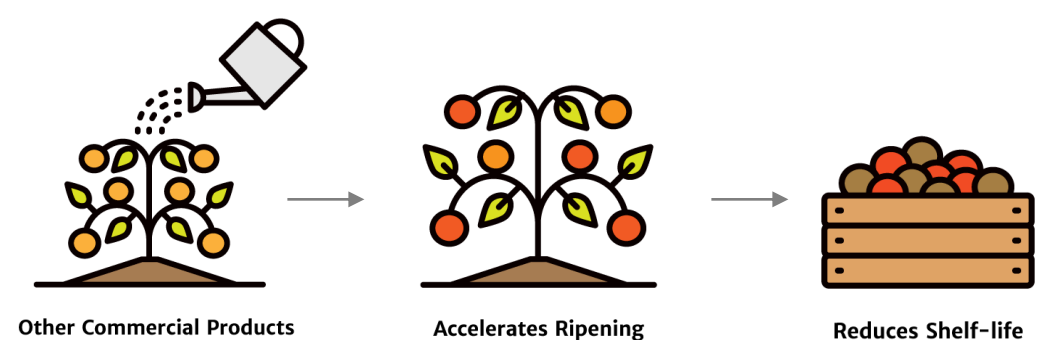
Fruit Q+

Fruit Q+ is very simple and easy to use. 1 liter Fruit Q+ dilution with 1,000 liters of water, can cover 1 hectare.



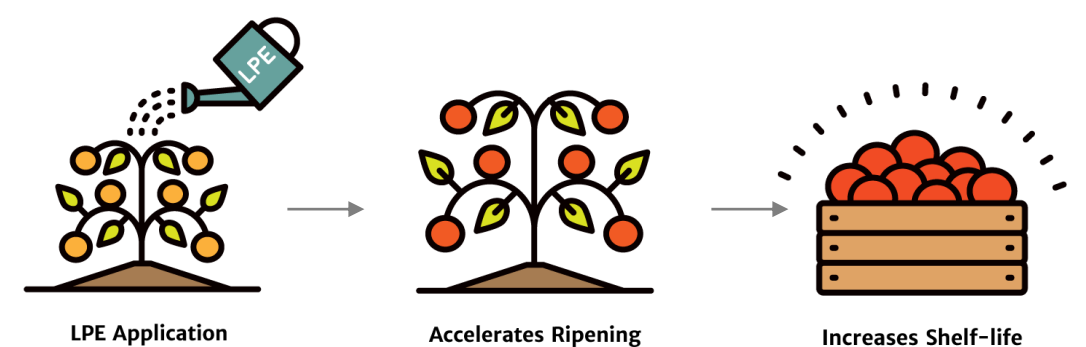
Fruit Q+: Breaking the Conventional Wisdom

The dual activities represent that LPE does not increase respiration, yet stimulates the ripening and reduce senescence processes.



Conventional Wisdom

Conventional wisdom states that ripening cannot be enhanced without simultaneously increasing the rate of decay.



Breaking the Conventional Wisdom

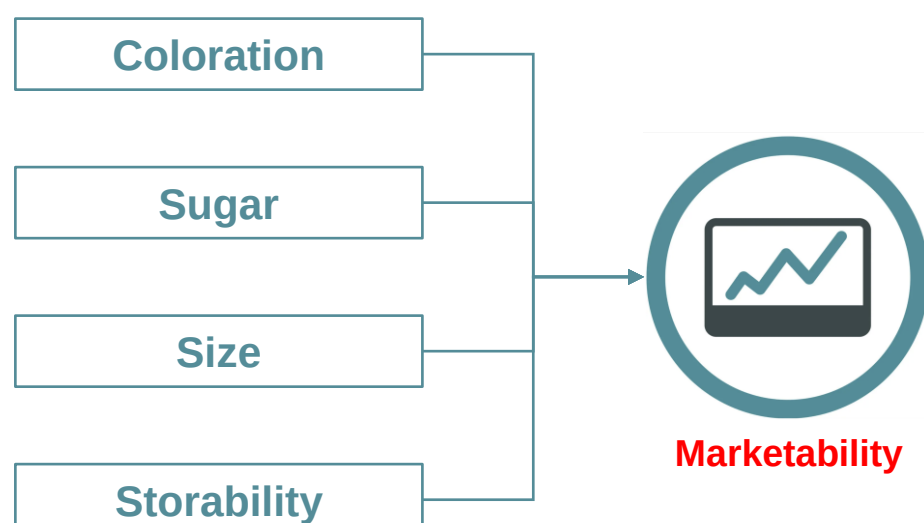
However, LPE acts as an intelligent signaling molecule to stimulate uniform ripening in fruits and vegetables, as well as slowing down senescence process.

High Quality & Yield

Fruit Q+ positively affects your fruits in having uniform ripening and to grow in ideal sizes with higher quality, which puts you into a better position in your market.

Post-harvest & Storability

Fruit Q+ retards cell membrane breakdown and stimulate enzymes that are involved in cell protection activity, resulting your produces with increased firmness and freshness.



We use Fruit Q+.

We love Fruit Q+.

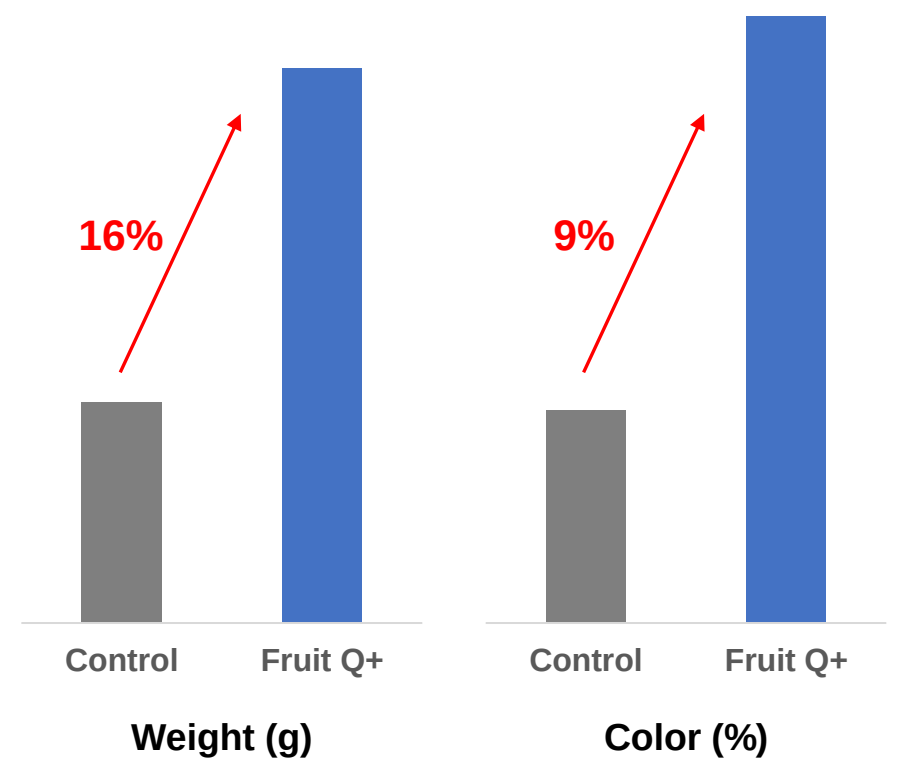
Apple

Field trial results for “Galaxy”



Country	Argentina
Location	Alto Valle
Variety	Galaxy
Year	2021
Cultivation	Field
Dilution Rate	500 : 1
Spraying time	2 & 4 weeks before harvest

Treatment	Weight (g)	Color (%)
Control	117.1	82.0
Fruit Q+	135.4	89.4



*Report: Effect of Foliar Applications of Fruit Q+ on Color and Quality of cv.
'Galaxy' and 'Cripp's Pink' Apple Tree in Alto Valle de Rio Negro_2021_Argentina_INTA

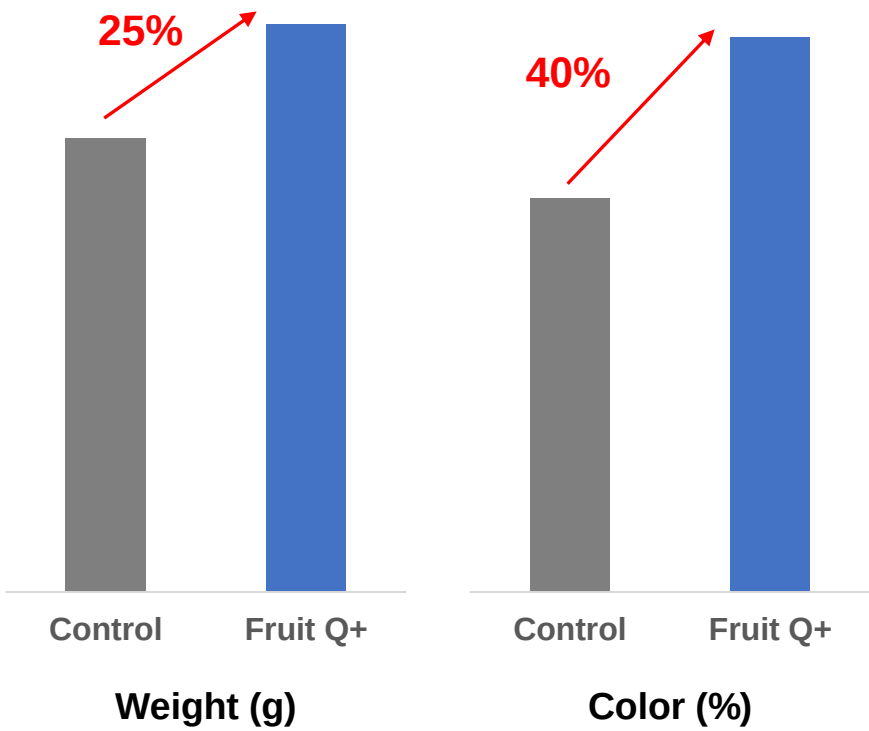
Cherry

Field trial results for “0900 Ziraat”



Country	Türkiye
Location	Amasya
Variety	0900 Ziraat
Year	2011
Cultivation	Open Field
Dilution Rate	1,000 : 1
Spraying time	2 & 4 weeks before harvest

Treatment	Weight (g)	Color (%)
Control	7.1	24.7
Fruit Q+	8.9	34.8



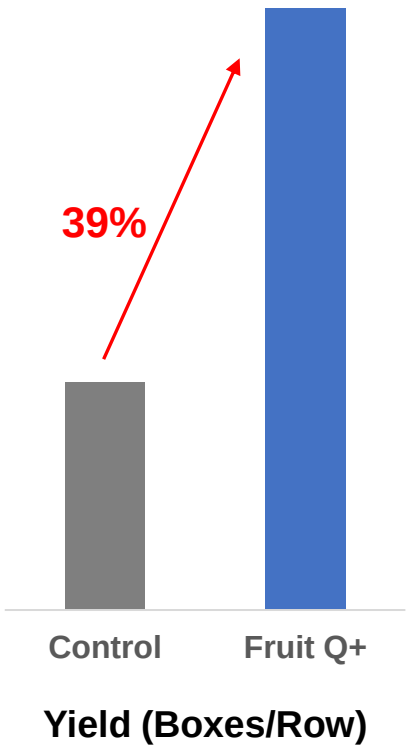
Grape

Field trial results for “Crimson”



Country	USA
Location	California
Variety	Crimson
Year	2005
Cultivation	Open Field
Dilution Rate	1,000 : 1
Spraying time	2 & 4 weeks before harvest

Treatment	Yield (Boxes)
Control	95
Fruit Q+	132



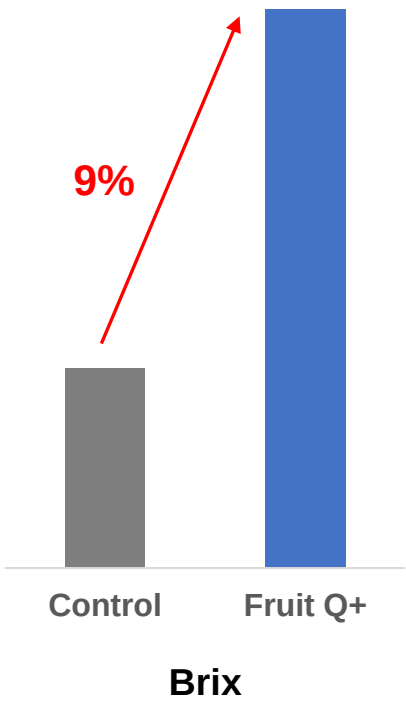
Orange

Field trial results for “Mandarin”



Country	South Korea
Location	Jeju island
Variety	Mandarin
Year	2019
Cultivation	Open Field
Dilution Rate	1,000 : 1
Spraying time	2 & 4 weeks before harvest

Treatment	Brix
Control	9.7
Fruit Q+	10.6





Flora Q+



Longer, more beautiful.

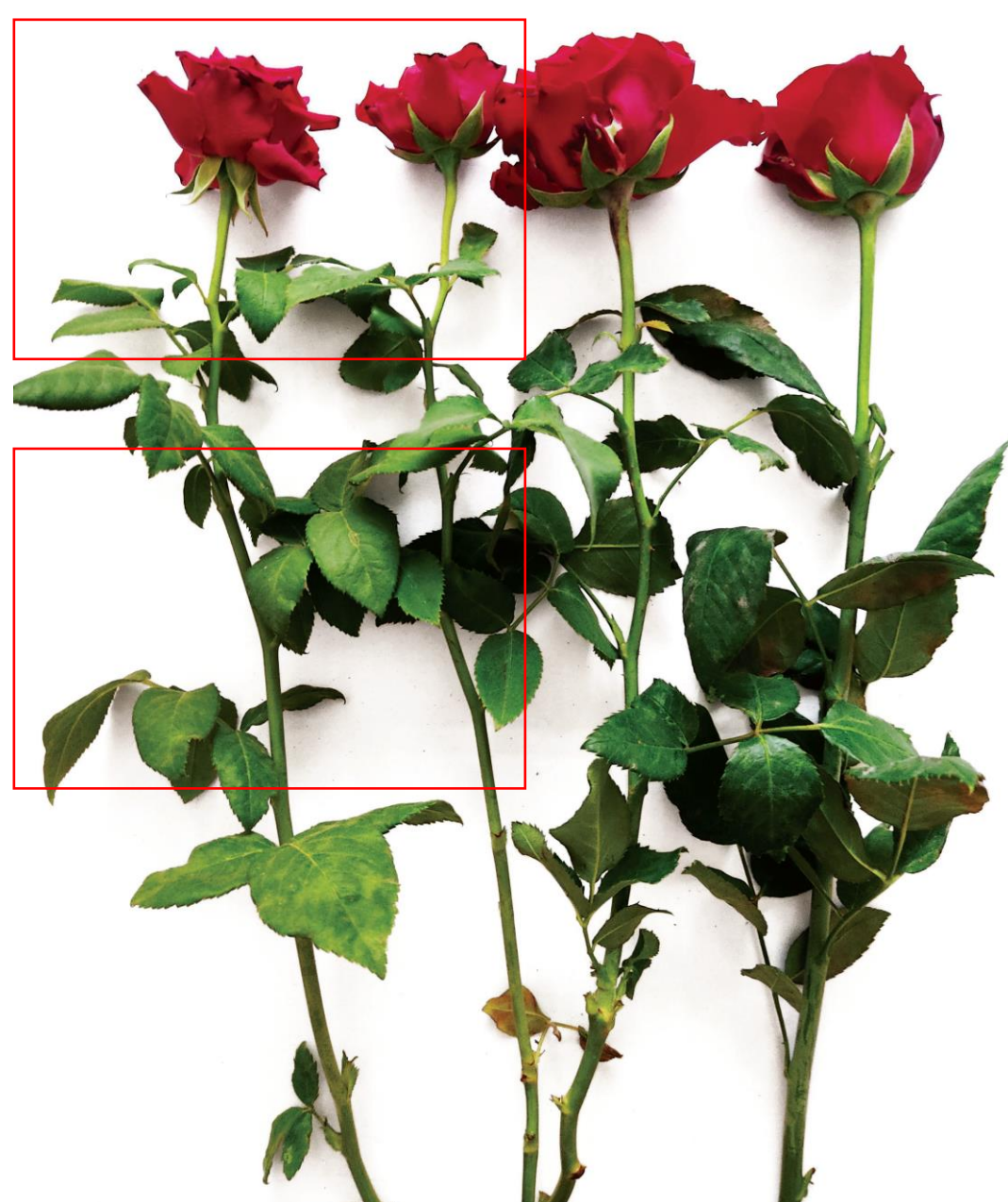


Rose

30 days at cold storage



Control



Flora Q+

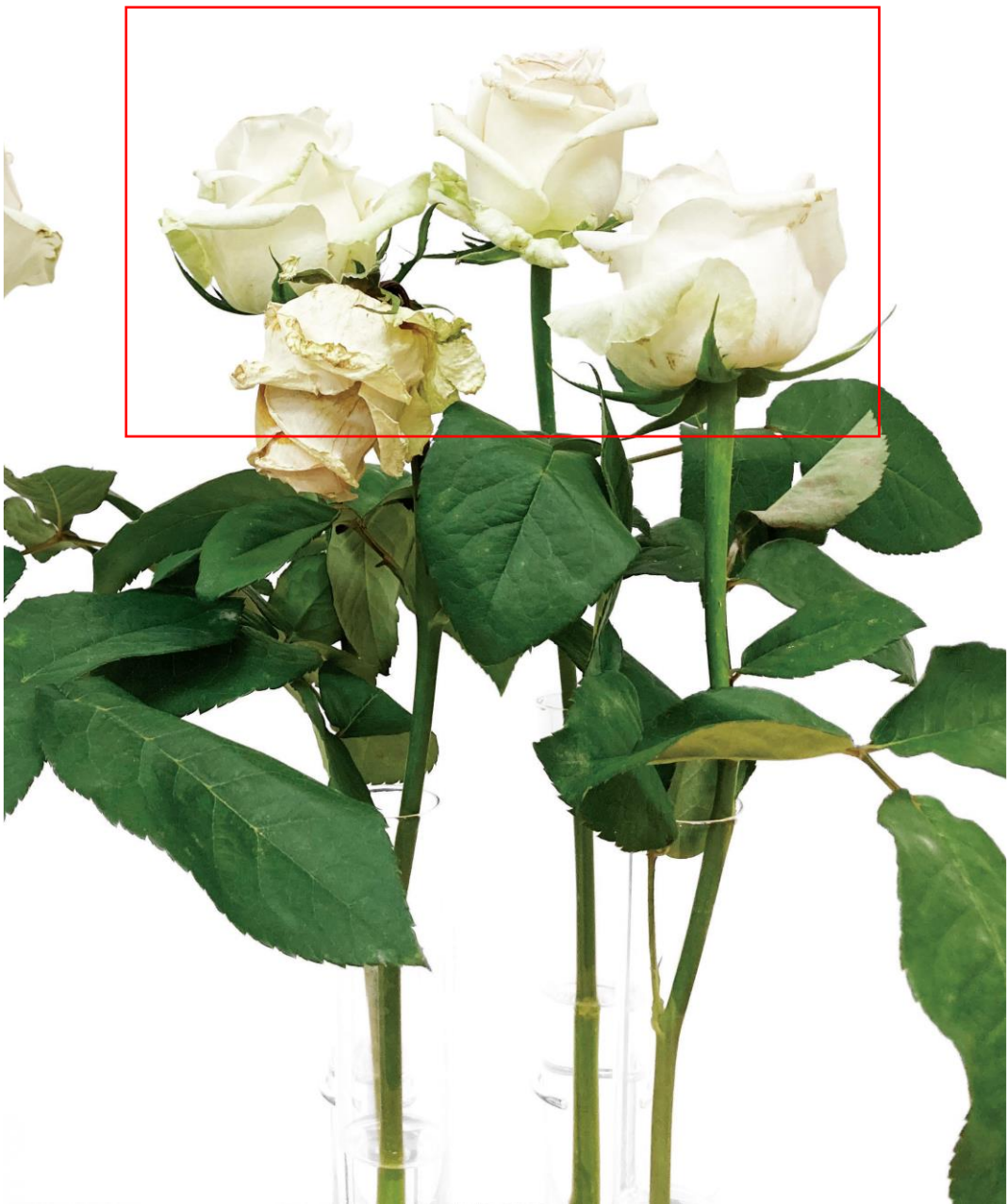
Cultivar	Explorer
Test location	Türkiye
Efficacy	Both on flowers and leaves
Treatment	Dipping at 20 ppm for 10 minutes → Dipping in Water
Storage period	30 days at cold storage

Rose

10 days at room temperature



Control



Flora Q+

Cultivar	Victoria
Test location	South Korea
Efficacy	Bending necks of flowers
Treatment	Dipping at 1 ppm
Storage period	10 days at room temperature

Gerbera

4 weeks at cold storage (2°C)



Control



Flora Q+

Cultivar	Red Gerbera
Test location	Türkiye
Efficacy	Marketability increased 2 times (33.3% and 66.6%)
Treatment	Flora Q+ 10ml dilution with 10L water + Citric acid
Storage period	4 weeks at cold storage (2°C)

* Test location: Gaziosmanpaşa University - Tokat - Türkiye

Gerbera

3 weeks at cold storage (2°C)



Cultivar	Red Gerbera
Test location	Türkiye
Efficacy	65% marketability
Treatment	Water
Storage period	3 weeks at cold storage (2°C)



Cultivar	Red Gerbera
Test location	Türkiye
Efficacy	90% marketability
Treatment	Flora Q+ 10ml dilution with 10L water + Citric acid
Storage period	3 weeks at cold storage (2°C)

* Test location: Gaziosmanpaşa University - Tokat - Türkiye

Global Distributors

NP Families

Headquarter (South Korea)

Company Name

Nutra-Park Co., Ltd.

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Distributor (China)

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Global Distributors

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