NATURAL PLANT VITALIZER

HB-101

MAKE ALL THE PLANTS SUPER ENERGETIC !!

For creating tomorrow with Biotechnology

FLORA Co., Ltd.

Name of Company : FLORA Co., Ltd.

Company Executive : Yoshinari Kawase

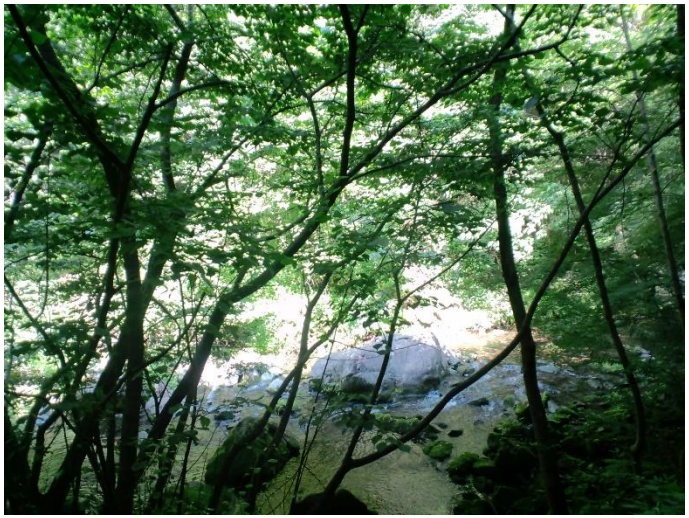
Establishment : 1976

FLORA Co., Ltd.


植物を超元気にする
天然植物活力液
HB-101
㈱フローラ
☎059-345-1261
FAX059-345-4164
植物性消臭液
ニオイノン
HB-101
クール


HB-101
天然植物活力液
株式会社フローラ
HB-101
ニオイノンノ
フローラ・バス-102


HB-101
HB-101
株式会社
フローラ



Scenery of the birthplace of HB-101 (Inabe city Mie prefecture)

What is HB-101?

No Fertilizer! **No Pesticide!** **No Hormone!**

for plants		for human
Fertilizer	=	Food
Pesticide	=	Medicine
HB-101 (Plant Vitalizer)	=	Supplement (Red Bull)

This is The Natural Plant Vitalizer!

《HB-101 is made from 100 % natural ingredients.》

Ceder, Cypress, Pine

The tree sap from Ceder, Cypress and Pine has the power of strength that keeps the nutrition to maintain the tree and keeps out of the enemies from outside.

Plantain grass

It is well-known as the drug plant and has effect for the anti-flammatory and the antitussive activity.

HB-101

Fertilizer components analysis	
Water soluble Nitrogen (as N)	10.0 ~ 50.0 mg / kg
Water-soluble Phosphoric Acid (as P_2O_5)	1.0 ~ 5.0 mg / kg
Water-soluble Potassium (as K_2O)	1.0 ~ 5.0 mg / kg
Total Sulfur (as S)	1.0 ~ 10.0 mg / kg
Calcium (Ca)	0.5 ~ 3.0 mg / kg
Magnesium (Mg)	0.3 ~ 3.0 mg / kg
Iron (Fe)	0.01 mg ~ 0.05 mg / kg
Zinc (Zn)	0.01 ~ 0.05 mg / kg
Silicon (Si)	1.0 ~ 5.0 mg / kg

Agricultural chemicals analysis	
Parathion	N. D.
Diazinon	N. D.
Benzene hexachloride (BHC)	N. D.
EPTC	N. D.
Pyraclofos	N. D.

No other 195varieties of agricultural chemicals are detected.

Toxic metals analysis	
Cadmium (Cd)	N. D.
Lead (Pb)	N. D.
Mercury (Hg)	N. D.
Chromium (Cr)	N. D.
Arsenic (As)	N. D.

No other harmful metals are detected.

Hydrogen-ion concentration (pH)
Undiluted solution of HB-101 ▶ approx. pH3.5 (acidic)
Over 1000 times diluted solution of HB-101 ▶ approx. pH6.5 (weak acidic)

1. The yields of rice are 30% increased.
2. The sugar contents of fruits increase 1to8 degrees up.
3. Produced the bigger vegetables and fruits.
4. A lot of flowers with bright colors.
5. The weakening plant recovers.
6. Reducing the mass of agricultural chemicals.
7. Increasing the yields and the qualities and the profits.

1 The increase of the rice harvesting around 30%.

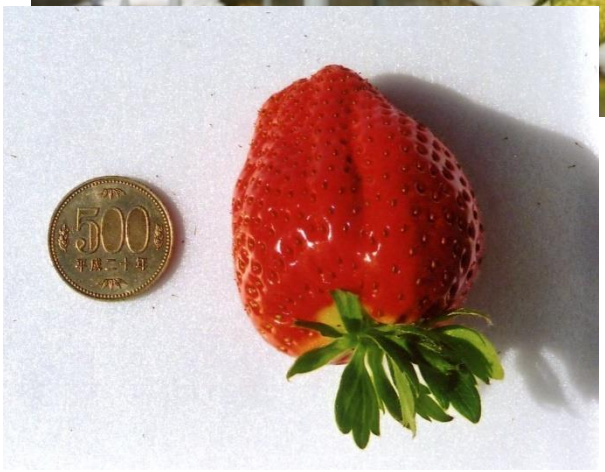
Without HB-101

With HB-101

Without HB-101

With HB-101

2 The sugar contents of fruits increase up to 1 to 8 degrees.



3 Produced bigger vegetables and fruits etc.

With HB-101

Without HB-101

3 Produced bigger vegetables and fruits etc.

Without HB-101

With HB-101

4 A lot of flowers with bright colors.

5 The weakening plant recovers.

5 The weakening plant recovers.

6 Reducing the mass of agricultural chemicals.

7 Increase of the yields and the qualities and the profits.

1. The number of useful microorganisms in the soil increases.
2. Well root spreading.
3. Preventing the crops from insects by growing strong and good color.
4. Production increased.
5. Getting bigger crops.
6. A sugar content of the fruits improved.
7. Increase of the healthy ingredients inside the crops.

1 The number of useful microorganisms in the soil increases.

	Flagellates	Protozoa Amoeba
Control	7,941	47,803
1000 mL / ha HB-101	9,031	903,137
100 mL / ha HB-101	8,225	822,499

(Numbers / g)

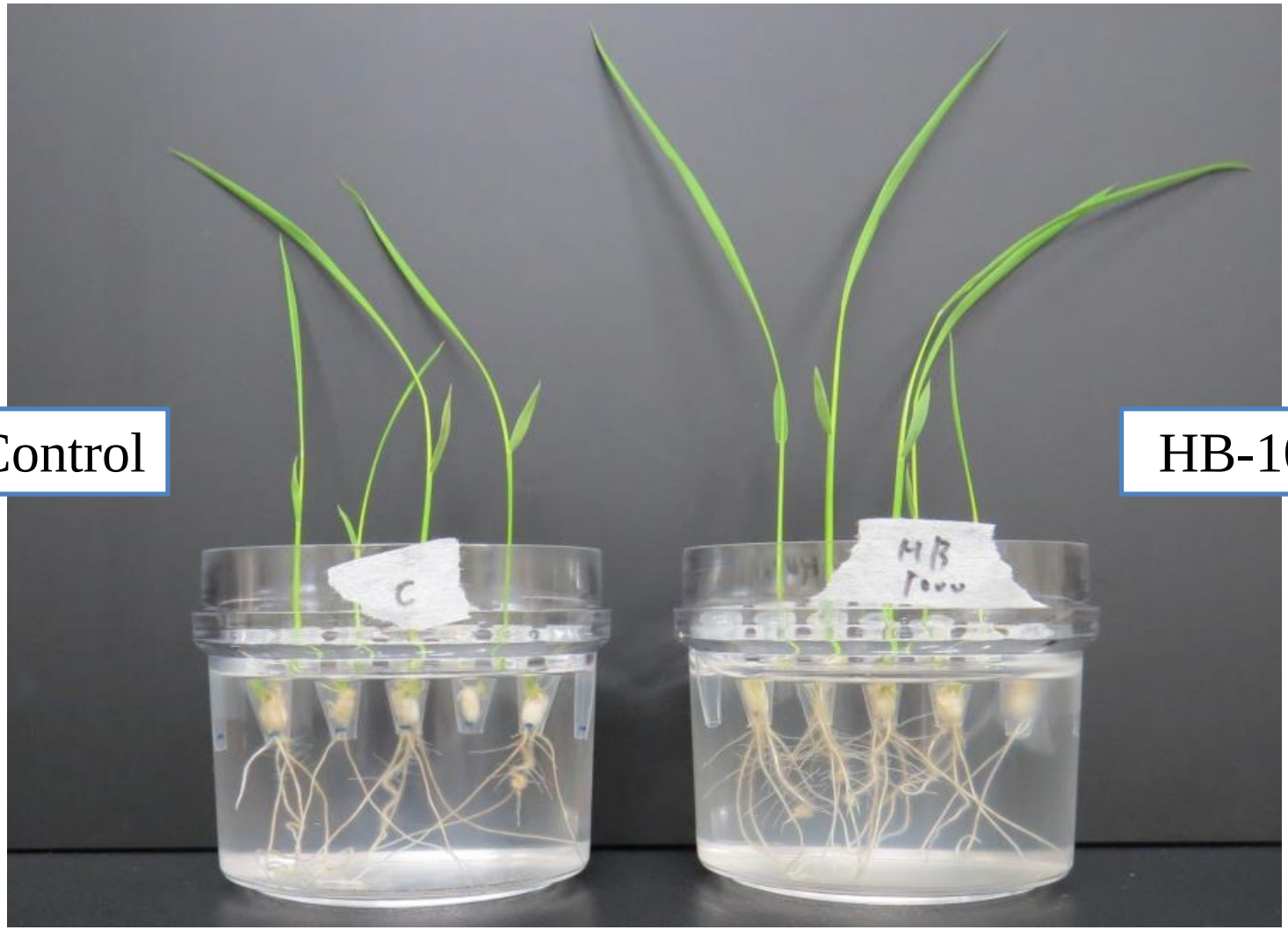
	Nitrogen Cycling Potential (lbs / ac)	Actino Bacteria Biomass (μg / g)
Control	100-150	4.94
1000 mL / ha HB-101	300+	11.2
100 mL / ha HB-101	300+	10.2

2 Well root spreading.

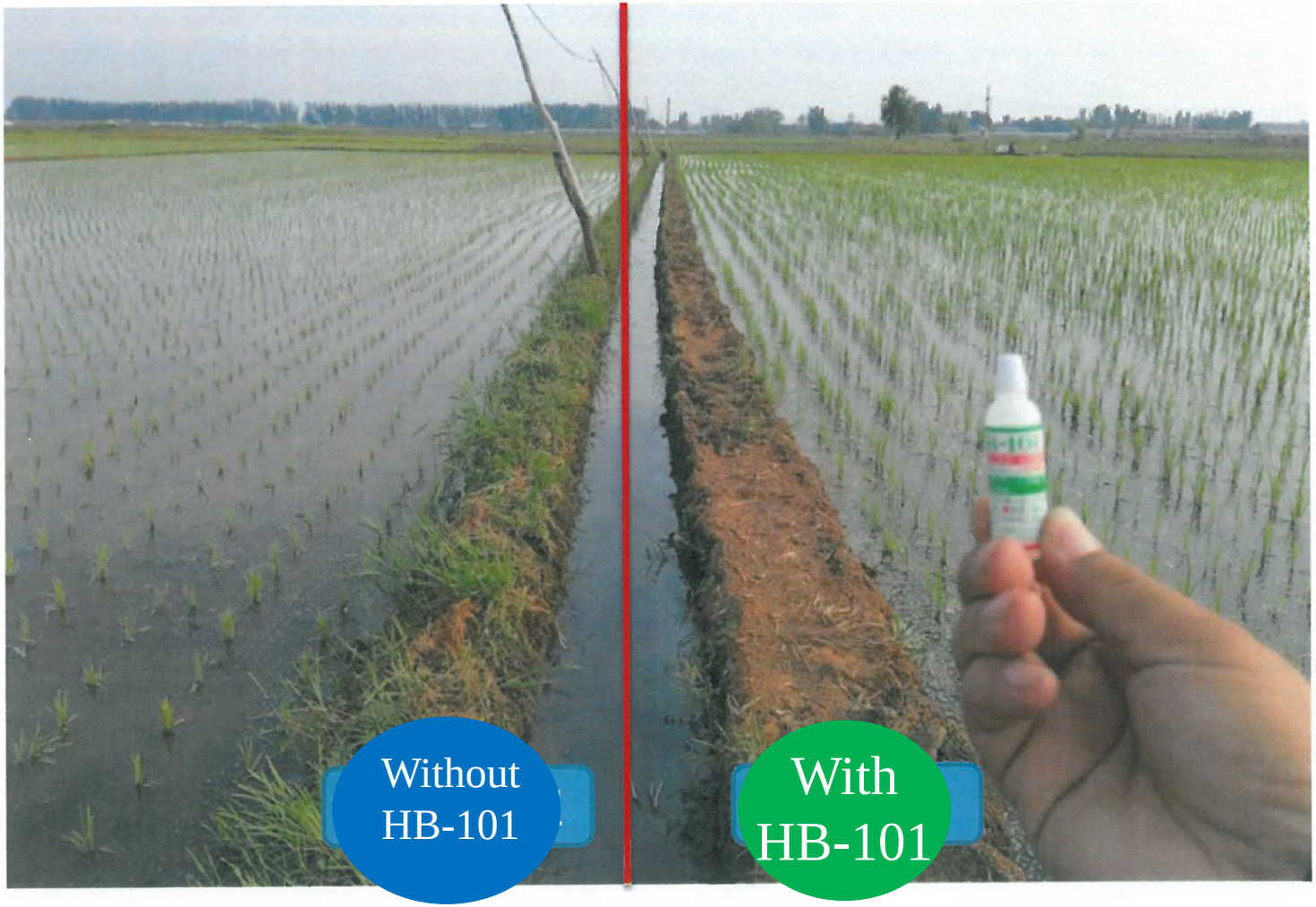
Control

HB-101

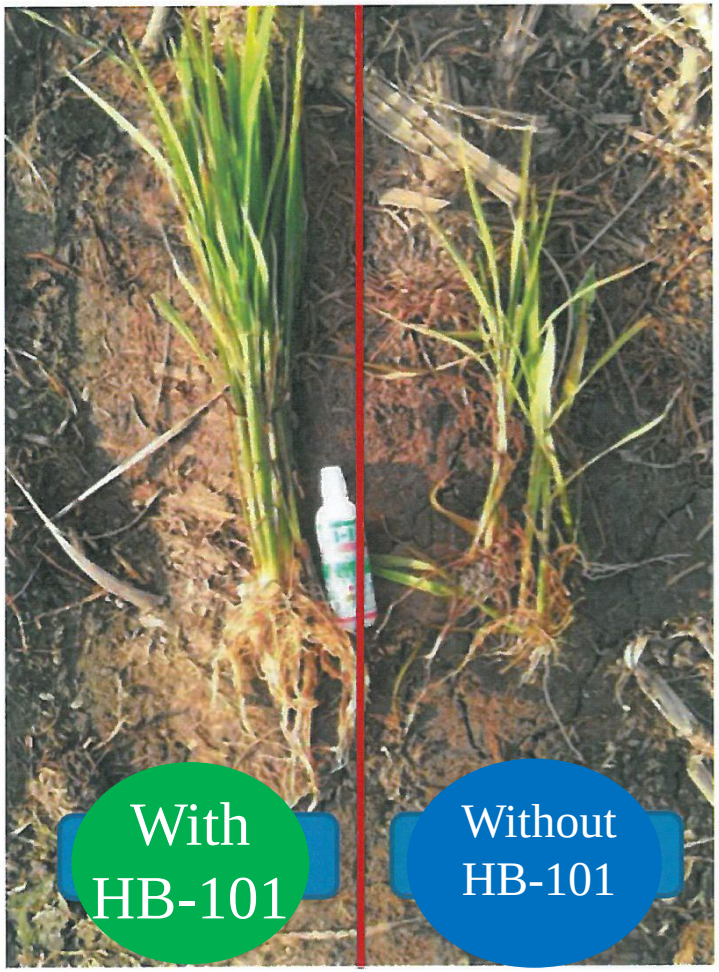
2 Well root spreading.

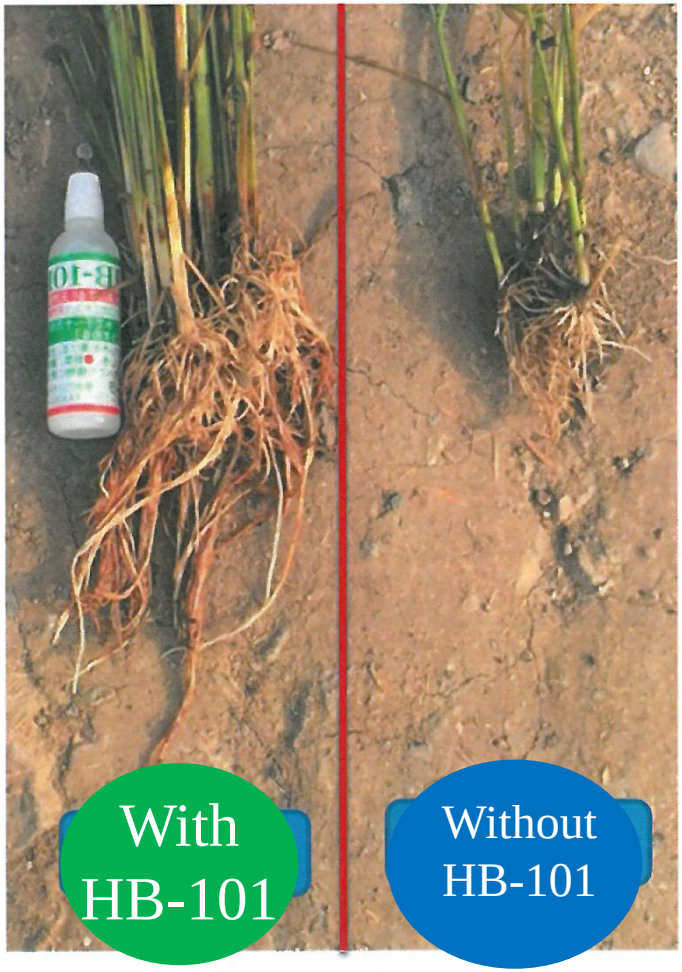


2 Seedlings after transplanting grow well



2 Seedlings after transplanting grow well



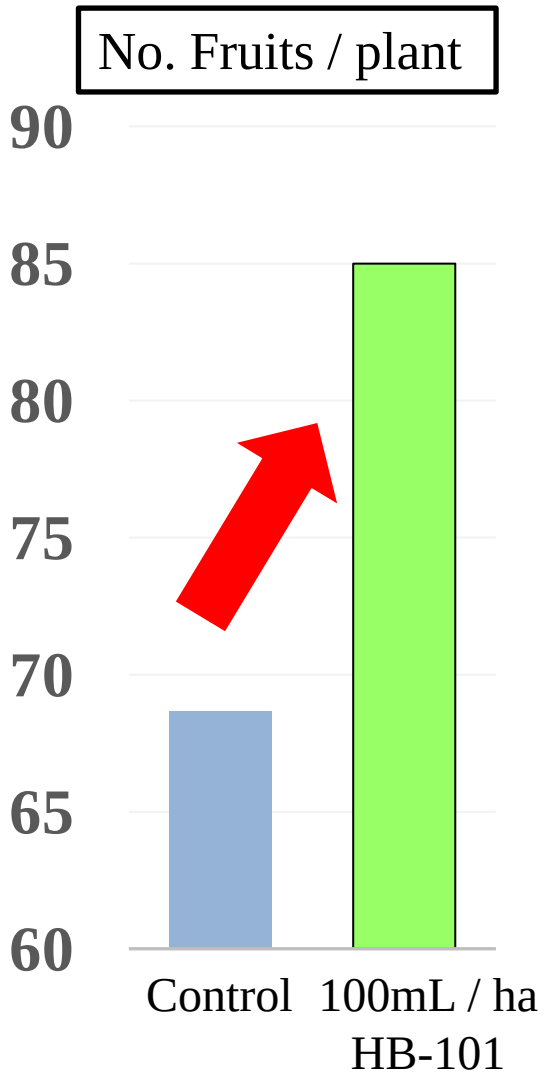


3 Preventing the crops from the insects by growing strong and good colors.

Control

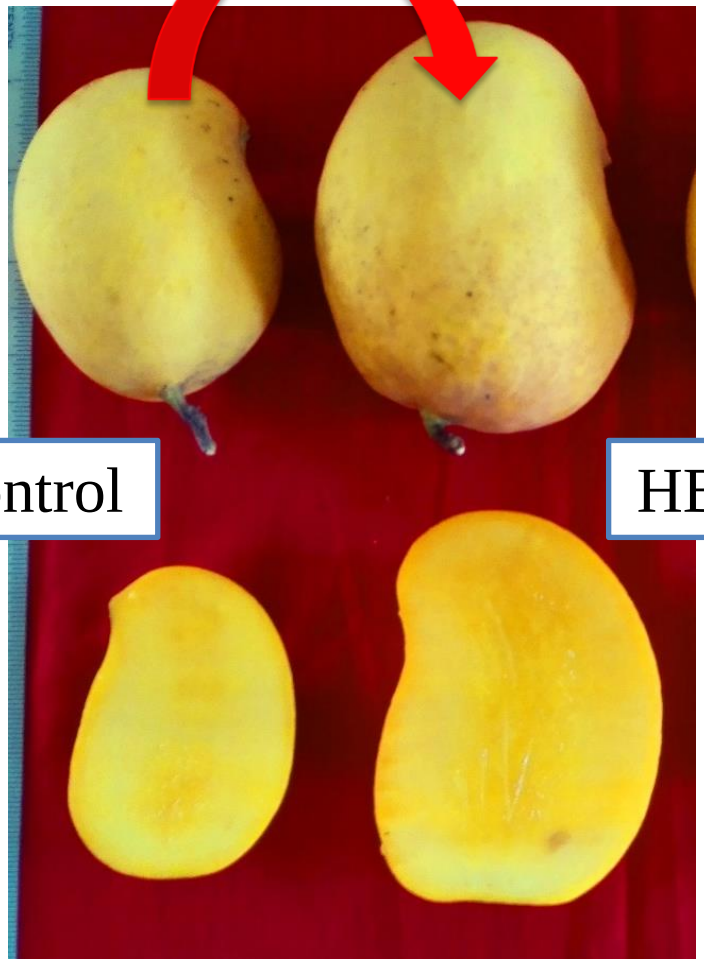
HB-101

4 Production increased.



5 A pr

20% Up!



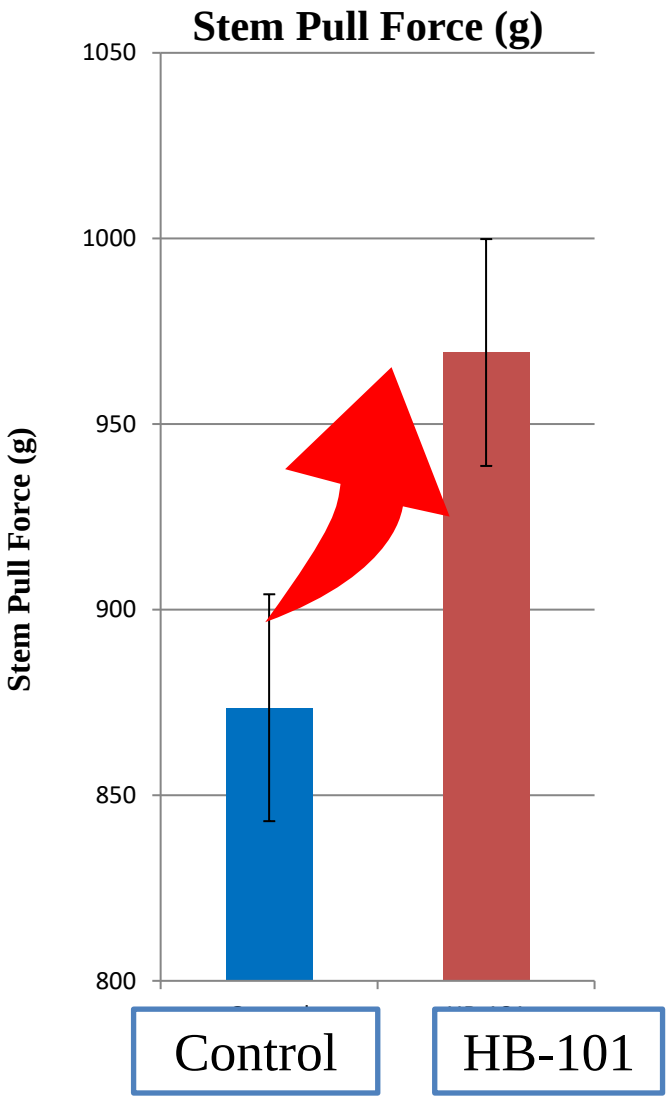
Control

HB-101

28% Up!

Control

3 Stem pull force of the cherry improved.

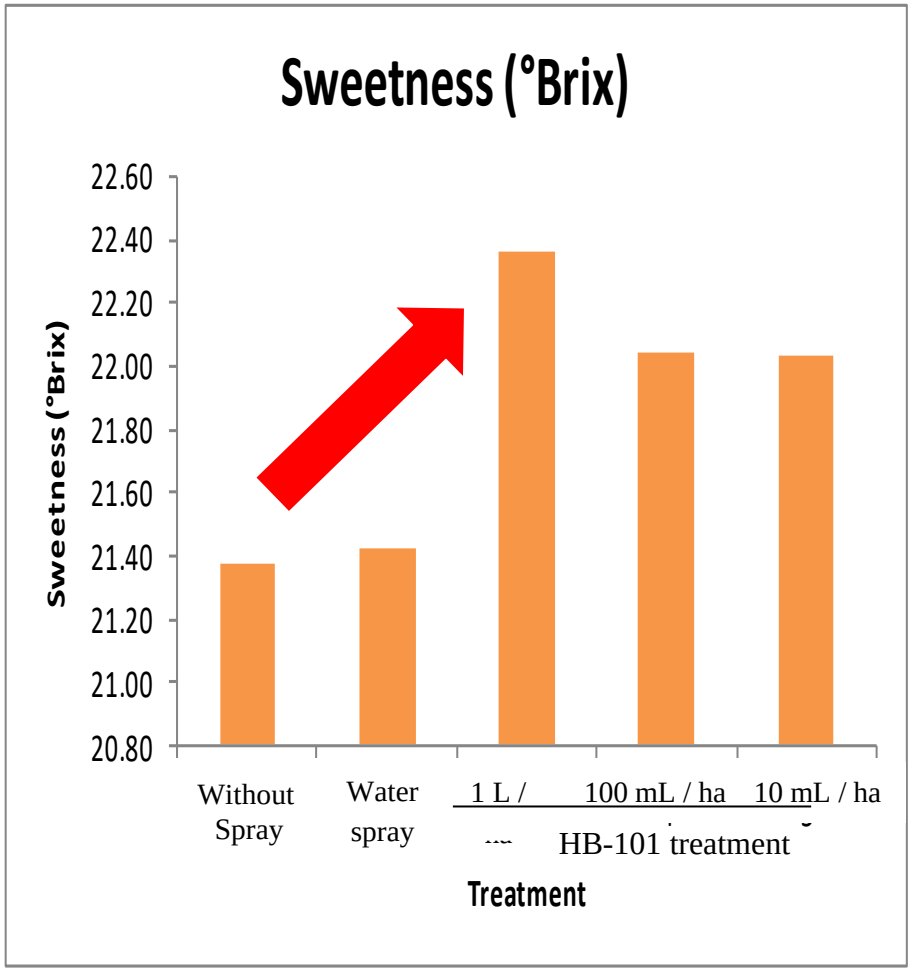


4 Production increased.

Pale Thwe			
Treatment	**Yield (T/ha)**	**Comparison of the yield with Control (%)**	**Comparison of the income with Control (MMK / ha)**
HB-101 1000 mL/ha	**6.48**	**+ 56.90**	**-51,079**
HB-101 100 mL / ha	**5.48**	**+ 32.69**	**217,892**
Control	**4.13**	**-**	**-**
Yadanar Toe			
Treatment	**Yield (T/ha)**	**Comparison of the yield with Control (%)**	**Comparison of the income with Control (MMK / ha)**
HB-101 1000 mL / ha	**7.71**	**+ 78.47**	**156,921**
HB-101 100 mL / ha	**6.86**	**+ 58.80**	**455,892**
Control	**4.32**	**-**	**-**

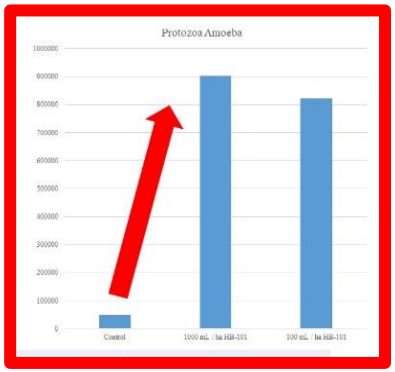
6 A sugar content of the fruit improved.

Control HB-101



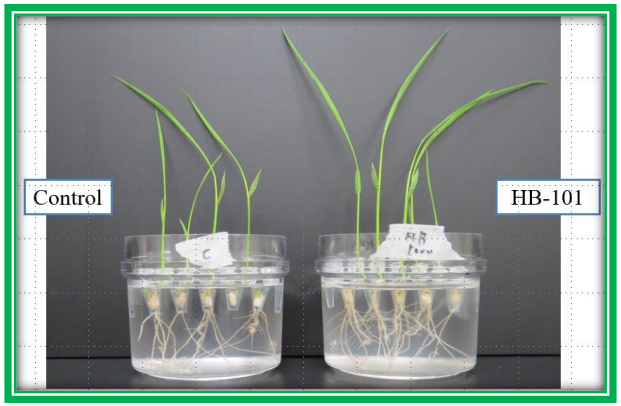
7 Increase of the healthy components inside the crops.

	Control	HB-101	
Vitamin A (retinol conversion)	272.0	341.0	μg / 100g
Retinol	N. D.	N. D.	μg / 100g
α-carotene	N. D.	7.0	μg / 100g
β-carotene	3270.0	4090.0	μg / 100g
Iron	2.7	3.5	mg / 100g
Total chlorophyll	60.5	72.5	mg / 100g
Chlorophyll a	42.0	51.5	mg / 100g
Chlorophyll b	18.0	20.5	mg / 100g



Improve the soil environment ！

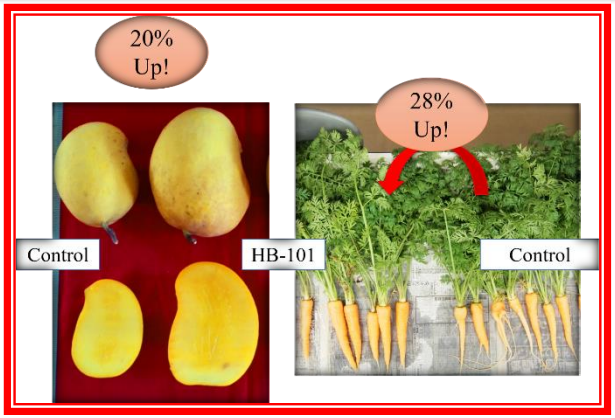
The number of useful microorganisms in the soil increases.



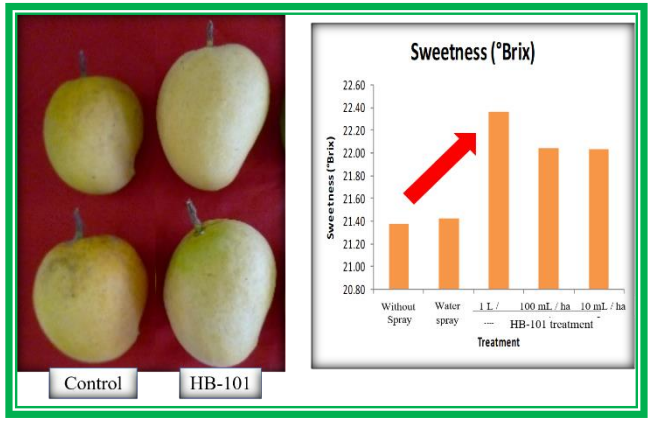
Rooting of crops improves and growth is promoted ！

Well root spreading.

Preventing the crops from the insects by growing strong and good colors.



The products grew big, becomes heavy, the yield increases ！



The quality of the harvest is improved ！

A sugar content of the fruit improved.

Increase of the healthy components inside the crops.

<Educational institutions such as Universities>
Mie University (Japan)
Kanazawa University (Japan)
Gifu University (Japan)
Ishikawa Prefectural University (Japan)
Chiba University (Japan)
Kinki University (Japan)
Fujita Health University (Japan)
Hyogo Prefectural Agricultural High School (Japan)
Hisai-Nourin Agricultural High School (Japan)
University of Oregon (U. S. A.)
Oregon State University(U. S. A.)
California Polytechnic State University (U. S. A.)
Kasetsart University (Thailand)
Chiang Mai University (Thailand)
Huazhong Agricultural University (China)
Sher-e-Kashmir University of Agricultural Sciences (India)
University of Horticulture and Forestry (India)
CCS Haryana Agricultural University (India)

<Public Institution>
Yamanashi Prefectural Agricultural Technology Center (japan)
Aichi Agricultural Research Centre (Japan)
Nagano Agriculture Extension Center (Japan)
Chiba Prefectural Agriculture Experiment Station (Japan)
Gifu Prefectural Livestock Experiment Station (Japan)
Yamanashi Prefectural Livestock Experiment Station (Japan)
Kanagawa Prefectural Livestock Experiment Station (Japan)
Gifu Prefectural Poultry Experiment Station (Japan)
Vegetable and Fruit Research and Development Center (Myanmar)
Myanmar Rice Research Centre (Myanmar)
Hubei Soil and Manuer Research Institute (China)
Department of Vegetable Sciences (India)
U. P. Council of Sugarcane Research (India)
ICAR A. P. Centre Basar (India)
Central institute of post-harvest Engineering & Technology (India)
Agriculture Development Government of Punjab (Pakistan)
National Agricultural Research Council (Pakistan)
Kushchevsky interdistrict branch of FGU Krasnodar (Russia)

<Civilian agency>
Shinko Sangyo Co., Ltd. (Japan)
JA-Tomakomai (Japan)
Mie Prefecture Environmental Conservation Agency (Japan)
Foundation of Food Analysis Technology Centre SUNATEC (Japan)
Japan Food Research Laboratories (Japan)
Japan Fertilizer and Feed Inspection Association (Japan)
Japan Fine Ceramics Centre (Japan)
Foundation of Nagano agriculture and forestry Research (Japan)
Aichi Pharmaceutical Association (Japan)
Toin agricultural cooperative (Japan)
Shimadzu Techno-Research, Inc. (Japan)
UBE Scientific Analysis Laboratory, Inc. (Japan)
Sumika Chemical Analysis Service, Ltd. (Japan)
Tokai-techno Co., Ltd. (Japan)
ACEL, Inc. (Japan)
Unichemy Co., Ltd. (Japan)
Remote medicine Research Centre Co., Ltd. (Japan)
Japan Environment Science Co., Ltd. (Japan)
Dalton Co., Ltd. (Japan)
Riken Analysis Center, Inc., (Japan)
SuiShoDo Pharmaceutical Corporation (Japan)
Iwatani Corporation (Japan)
Fujii development laboratory Co., Ltd. (Japan)
The UGAR Sugar Works & Limited (India)

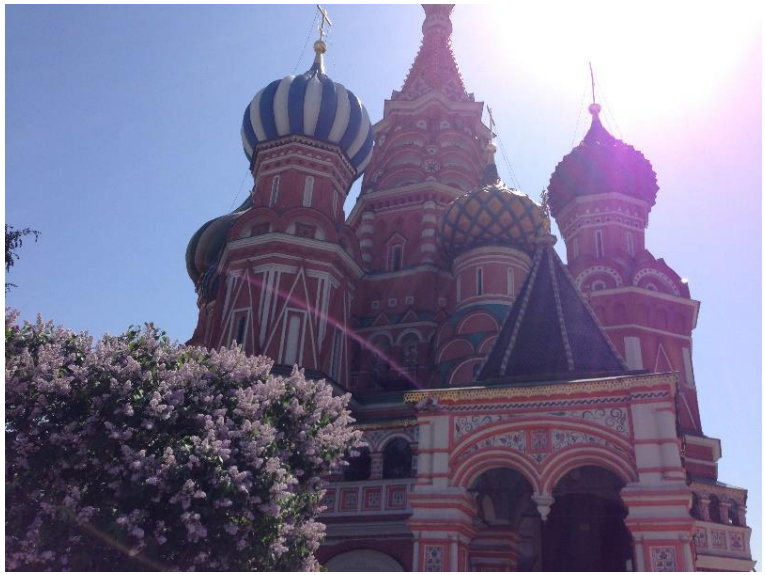
More than 1,400,000 of users in JAPAN!

HB-101 was exported to more than 50 countries in the World!

Korea	Jordan	Czech	U.S.A	Spain	Ghana	Norway	Chile
Taiwan	Saudi Arabia	Austria	Canada	Portugal	Uganda	Sri Lanka	Uruguay
Russia	Israeli	Switzerland	Mexico	Italy	South Africa	Thailand	Argentina
Denmark	UAE	Belgium	Brazil	Cyprus	Tanzania	Malaysia	Lithuania
Netherland	Kuwait	Luxembourg	Peru	Greece	Kenya	Indonesia	Australia
Germany	Iran	Sweden	Puerto Rico	Turkey	the Sudan	Singapore	Papua New Guinea
France	Senegal	Finland	Dominica	Egypt	Bangladesh	New Zealand	Nepal

The United States of America

Russian Federation



People's Republic of China

The Kingdom of Thailand

Kingdom of Cambodia

Myanmar

Socialist Republic of Vietnam

Make all the plant super energetic
Natural Plant Vitalizer

植物を超元氣にする!!

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バイオ技術で明日を創る

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