

DAEYU AGRICULTURE INNOVATION

Daeyu Product Catalog

Since 1977

DAEYU (주)대유

The background image is a full-page photograph of a vast agricultural field. In the foreground and middle ground, there are rows of lush green crops, possibly corn or soybeans, planted in neat, straight lines that recede into the distance. The sky above is a brilliant, golden-yellow color, filled with large, billowing white clouds. A bright light source, likely the sun, is positioned in the upper right quadrant, creating a strong lens flare and illuminating the entire scene with a warm, golden glow. The overall composition conveys a sense of growth, productivity, and hope in agriculture.

**Daeyu Company is creating
strategically sustainable agricultural
development technologies with
a spirit of challenge and passion.**

DAEYU has been manufacturing agriculture products since 1977.

Our motto is "the leader in Agriculture Innovation" as the primary goal of the company. We have 2,000 kinds of products that can satisfy customers' needs.

DAEYU Co., Ltd. develops new-concept fertilizer with diverse functions for high efficiency to decrease labor cost and preoccupy future markets. We are committed to the sustainable distribution of special and diverse functional fertilizers for the agricultural market through our professional team.

Because we are dedicated to the development of organic fertilizers, we use special and pure organic material to produce high-concentrate nitrogen, phosphorous, potassium, and calcium fertilizer. We are also focused on the development of chemical fertilizer with diverse functions suitable for vegetables, fruit trees, and paddy rice.

Expected for completion! New Factory in Nov. 2022.



Building a High-tech
and Automation System.

3 times increase in
Production Capacity.

Securing the largest
production Acility in Korea.





Company History

1970~1980 Establishment

1977.04	Foundation
1978.10	Awarded the gold medal of superior products (Consumer Protection Council)

1980~1990 Foundation Construction

1992.01	Awarded an appreciation plaque for the production of excellent products
1993.12	Awarded an official commendation by the National Agricultural Materials Inspection Center for controlling the quality of agricultural materials
1994.12	Named Excellence Quality Management Administrator by the National Agricultural Materials Inspection Center
1996.10	Daeyu Plant Nutrition Research Institute received formal approval from the Korea Industrial Association in Korea
1996.12	Designated as the agency of fertilizer quality control by the Ministry of Agriculture and Forestry
1997.04	Registered for import and export business
1997.12	Awarded a grand prize of Small and Medium Business
1998.12	Acquired permit for the pesticide manufacturing and pesticide import business
	Awarded a grand prize of Small and Medium Business
	Awarded an official commendation by Ministry of Agriculture, Food and Rural Affairs
1999.01	Designated as an excellent competitive technical company by the Commissioner of the Small and Medium Business Administration
1999.06	Designated as a research institute for pesticide effects test by the Rural Development Administration



2000~2004 Growth

2000.03	Registered the production of microorganisms for the prevention of damage by blight and harmful insects
2000.03	Export to Japan and Taiwan
2000.06	Production and marketing of highly functional microbial product
2000.11	Designated as a research institute of microbial pesticides test by the Rural Development Administration
2001.08	Certified ISO9001 and ISO14001 for the first time in the relevant industry
2004.03	Designated as a research institute of physico-chemical analysis and testing by the Rural Development Administration
2004.07	Named Best Manager for Association of Entrepreneurs
2004.12	Named global top brand in the field of agricultural fertilizer (Seoul economic daily newspaper)

2005~ Present

Take-Off

2005.10	Awarded the grand prize in the field of Korean fertilizer (Hankook daily newspaper)
2008.07	Designated as a research institute for fertilizer tests
2008.10	Designated as INNO-BIZ (Superior Technical Company)
2009.02	Designated as GAP (Good Agricultural Practices) certification institute
2011.12	Start of quasi-drug business
2015.01	Activation of pesticide business division
2016.01	Start of animal health product business
2017.12	Advertising grand prize of newspaper "Newsfarm"
2018.08	Listed on KOSDAQ
2020.09	Woodong Kim took office as new president
2021.01	Developed and released the new formulation "Highly Enriched Gel"
2021.10	Groundbreaking of a new factory with automation system



Research & Development

We are eager to invest in research for better products, not content with the present

Daeyu Plant Nutrition Research Institute

- Research on crop growth promotion and physiological troubles
- Quality inspection for fruits and vegetables
- Research on environment-friendly functional substances

Daeyu Pesticide Evaluation Research Institute

- Test on the registration of pesticides
- Test on the selection and registration of excellent pesticides
- Test on the effects of pesticides, insecticides, germicides, and plant growth regulators
- Development of the prevention method of damage against harmful insects

Daeyu Microbial Pesticide Evaluation Research Institute

- Development of microbial pesticide and fertilizer formulations
- Useful natural microorganisms research and selection

Daeyu Physico-chemical Analysis & Testing Research Institute

- Quality control for pesticides and fertilizers
- Analysis of useful pesticide ingredients
- Test on the physical properties and stability of products



Certificates



GAP Certificate



ISO 9001 / 14001

Certificates



Patents



International certificates



Products List

DAEYU





Forliar Fertilizer

10	Mulpure	Special irrigation fertilizer for hydroponics and upland
11	Mirigun	Microelements fertilizer
12	Nargen	Total solution fertilizer containing milkvetch extract
14	Burio	Special purpose phosphoric acid fertilizer
16	Fertilizer Gel	Highly enriched fluid gel fertilizer series
18	Calcium Gel	Easy-to-use liquid calcium fertilizer for crops
20	High Cal	Highly enriched liquid calcium fertilizer

Special Fertilizer

21	Thriptide	Natural insecticide using natural plant extracts
22	Multicide	Natural insecticide for thrips and aphids containing <i>Beauveria bassiana</i>
23	Cuproxat-S	Natural pesticide containing Copper and Sulfur
24	Bordeaux Max	Bordeaux mixture in WG form
25	Disease Stop	Natural microbicide containing <i>Bacillus subtilis</i>
26	Amino Hulk	Liquid and Granular organic fertilizer containing animal amino acid

Home&Gardening

27	Insect Killer	Natural insecticide using natural plant extracts for home gardening
27	My Farming	Home garden fertilizers

Mulpure

Special irrigation fertilizer
for hydroponics and upland

Packing 500ml, 10L, 20L



Properties

- Fertilizer suitable for fruit and leafy vegetables and flowers, recognized for suitability through 2-year test by the Rural Development Administration
- Excellent prevention and recovery effect for nutritional deficiencies because it contains microelements
- Improves the quality of plants in the middle and late stages of growth

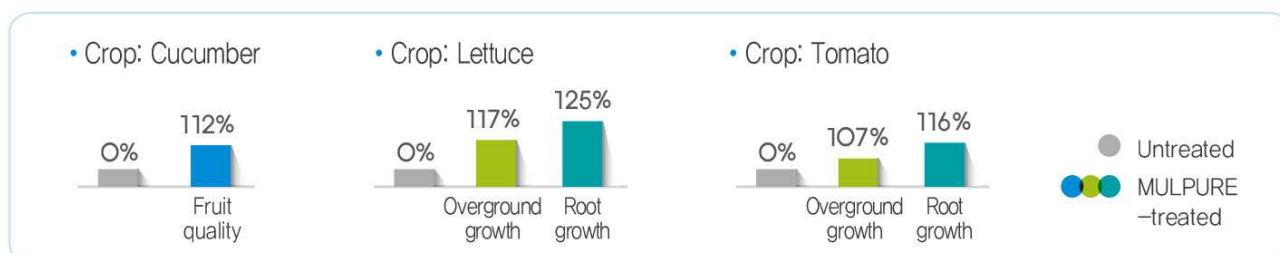
Formula (%)

Product		N	P ₂ O ₅	K ₂ O	CaO	Fe	MgO	B ₂ O ₃	MnO	Zn	Etc.
MULPURE No.1	A	2	—	3.5	2	0.05	—	—	—	—	Citric Acid, Sugars
	B	1.3	1.5	5	—	—	0.7	0.05	0.01	0.002	
MULPURE No.2	A	3	—	4	4.5	0.05	—	—	—	—	
	B	1.5	2	3.5			1.1	0.05	0.01	0.002	

Application

Classification		Time	Frequency	Dilutionratio	Dosage per 20L
No.1	Leafy Vegetables	Seedling raising	Every 7–14 days	1:500	40ml
		All		1:400	50ml
	Flowers	All		1:500	40ml
No.2	Fruit Vegetables	Seedling raising		1:400–800	50–25ml
		Aftertransplant		1:500	40ml

Test results



Mirigun

Microelements fertilizer

Packing Liquid type – 500ml, 1L, 5L
Powder type – 250g, 500g, 1kg



Properties

- Contains different microelements plus functional elements
- Prevents and promotes recovery from problems caused by microelement deficiencies
- Increases resistance to bad condition and abnormal climate
- Decreases the physiological shedding of blossoms and fruits
- Resolves the nutritional imbalance of crops

Formula (%)

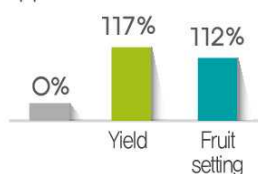
Product	B ₂ O ₃	MnO	Zn	Cu	Mo	Fe	Etc.
MIRIGUN Liquid	1.1	–	1.3	0.1	0.1	0.4	Citric Acid, Vitamins
MIRIGUN Powder	6	0.3	5	0.3	0.05	1.2	

Application

Classification			Frequency	Dilution ratio	Dosage per 20L
Liquid	Foliar	Fruit Tree	Every 7–10 days	1:1000–2000	20–10ml
		Vegetables		1:1000–1500	20–13ml
		Beans		1:1000–1500	20–13ml
		Paddy		1:1000–1500	20–13ml
		Maize		1:1000–2000	20–10ml
		Turf		1:1000–2000	20–10ml
	Irrigation	All crops		1–1.5L/10a	
Powder	Irrigation	All crops		1–1.5kg/10a	

Test results

• Crop: Pepper



• Crop: Lettuce



● Untreated
● MIRIGUN-treated

Nargen series

Total solution fertilizer
containing milkvetch extract

Packing Liquid type – 500ml, 10L, 20L
Powder type – 500g



Properties

- Essential multi element fertilizer that has been used as a must-have agricultural product for 40 years
- Perfect combination of nutrients needed for plants such as nitrogen, phosphorus, potassium, and micro elements
- Absorbs nutrients quickly with the ideal combination
- Contains natural amino acids, cellulose, and glycerol as it contains the extract of milkvetch, a green manure crop
- Even if the root is weakened, it helps provide nutrients effectively
- Effective for foliar spray and irrigation
- Improves resistance to salt stress, drought and cold damage, etc.



▲This article is about "NARGEN":
The pine tree, which is Natural Monument No. 103, was on the verge of dying in 1982 but miraculously recovered after being treated with "NARGEN"

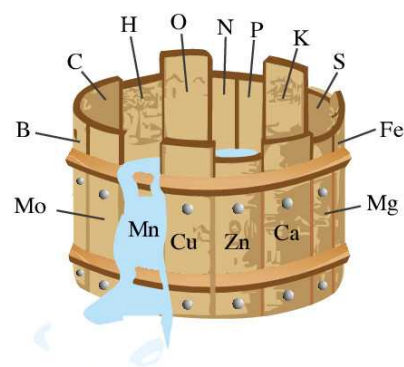
Formula (%)

Product	N	P ₂ O ₅	K ₂ O	MgO	B ₂ O ₃	MnO	Zn	Cu	Mo	Etc.
NARGEN Liquid	6	3	4	1	1.5	0.13	0.3	0.08	–	Citric Acid, Sugars, Milkvetch extract
NARGEN Powder	6	1	4	3	3.5	0.28	1.15	0.05	–	
NARGEN 2000 Powder	6	4	6	4	2	0.3	0.8	0.1	0.05	

Liebig's law of the minimum

"Law of the Minimum" implies that crop yield is proportional to the amount of the most limiting essential nutrient, whichever it may be. And although each nutrient is needed by the plant in different amounts, it is the relative amount of each nutrient available that may be limiting.

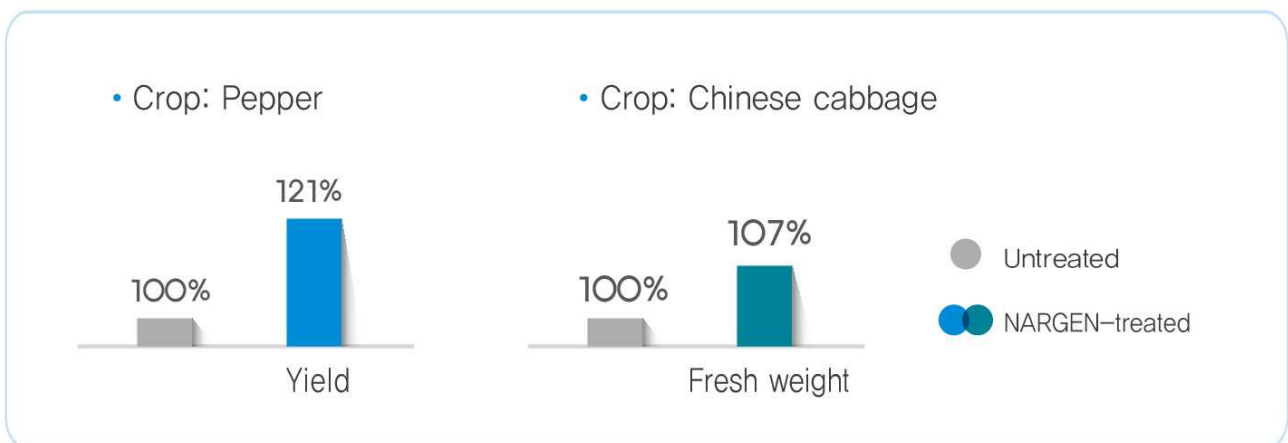
"MIRIGUN" is an ideal product for crops that has or will have microelement deficiencies for prevention and recovery.



Application

Classification			Time	Frequency	Dilutionratio	Dosage per 20L
Liquid	Foliar	Fruit tree	Growth	Every 7–10 days	1:1000	20ml
			Before and after harvest		1:500	40ml
		Paddy	All		1:1000	20ml
		Leafy vegetables			1:1000	20ml
		Fruit vegetables			1:500–1000	40–20ml
		Beans			1:500–1000	40–20ml
		Flowers (except Orchid)			1:1000	20ml
		Turf			1:500–1000	40–20ml
		Drone			All crops	1:10–20
	Irrigation	All crops	1–1.5L/10a			
	Powder	Irrigation	All crops		1–1.5kg/10a	

Test results



Burio

Special purpose phosphoric acid fertilizer

Packing Liquid type – 500ml
 Powder type – 500g



Properties

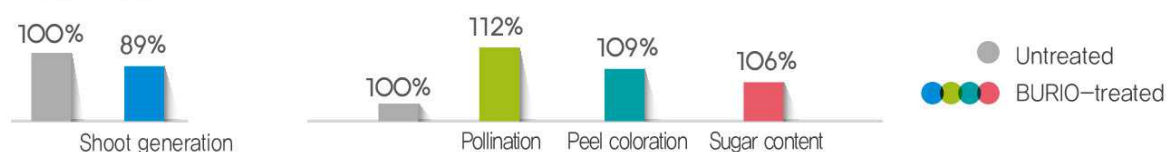
- Supplies phosphoric acid for root growth to grow bigger bulbs without the use of hormones
- P prevents the lodging of crops and interrupts luxurious absorption of N
- K promotes the opening and closing of stomata and accelerates photosynthesis
- Improves sugar content and peel coloration
- Helps increase resistance to humidity, freeze, chlorine, and heat/chill injuries

Formula (%)

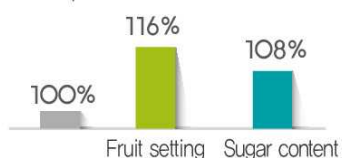
Product	N	P ₂ O ₅	K ₂ O	MgO	B ₂ O ₃	Zn	Cu	Mo	Etc.
BURIO Liquid	–	13	6	1.1	0.17	0.15	0.06	–	Citric Acid, Sugars
BURIO Powder	–	27	19	1.7	2.5	0.9	0.1	0.006	

Test results

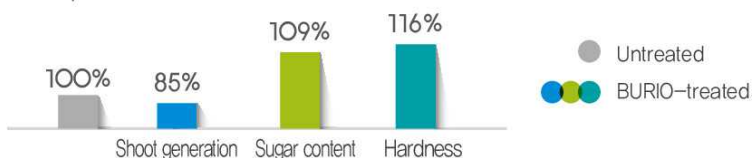
• Crop: Apple



• Crop: Korean melon



• Crop: Pear



• Crop: Tomato



Application

Classification			Stage	Purpose	Frequency	Dilution ratio	Dosage per 20L
Liquid	Foliar	Fruit tree	Before flowering	• Lodging prevention	Every 7–10 days	1:1000	20
			After flowering	• Place with luxurious absorption of N • Place with weak growth in rainy season • Sugar content improvement and for early harvest		1:800	25
		Leafy vegetables	All	• Place with luxurious absorption of N and lodging • Period of lacking sunlight		1:800	25
			7 days before harvesting	• When the leaf is weakened before harvest		1:800	25
		Root vegetables	All	• Place with luxurious absorption of N		1:800	25
			20 days before harvesting	• For growing bigger bulbs before harvest		1:800	25
		Fruit vegetables	Seedling raising	• Place with luxurious absorption of N and lodging		1:1000	20
			All	• Place with lodging and where budding is not well-developed • For growing bigger fruit and improving sugar content		1:800	25
		Beans	All	• Place with lodging and immaturity		1:800	25
		Paddy	2–3 leaves	• Place with concerns of chill injury		1:1000	20
			From late seedling raising	• Place with luxurious absorption of N and lodging • Place with many non-productive tillers		1:800	25
		Maize	All	• Place with lodging and where budding is not well-developed		1:800	25
		Turf	All	• Place with lodging		1:800	25
	Drone	All crops	All	• Place with luxurious absorption of N and lodging		1:10–20	500ml /water 8–10L
	Irrigation	All crops	All	• Place where budding is not well developed when the leaf is weakened before harvest • For growing bigger bulbs before harvest • For improving sugar content		1–1.5L/10a	
Powder	Irrigation	All crops	All			1–1.5kg/10a	

Fertilizer Gel

Highly enriched Fluid Gel fertilizer series

Packing 500ml



What is Highly Enriched Fluid Gel?

Highly enriched Fluid Gel fertilizer developed by DAEYU's technology is highly concentrated compared to ordinary liquid fertilizers, and can be used in a large area even with a small amount

Easy to use with only small volumes!

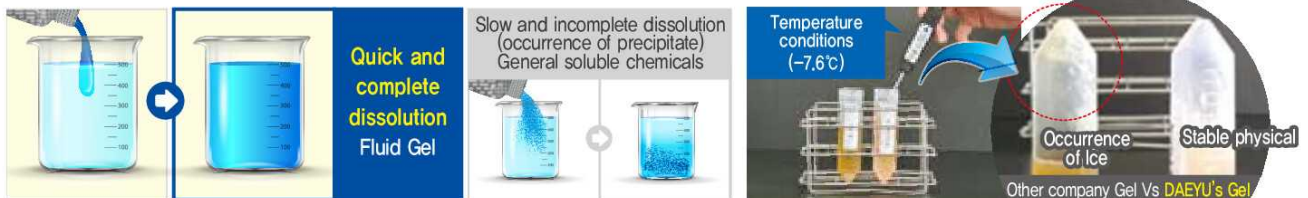
Achieves a definite effect owing to high content!



Fluid Gel Vs General Liquid Vs Powder

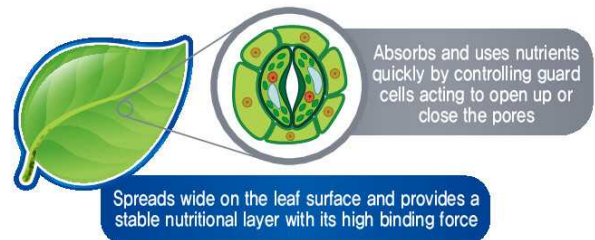
Stable physical properties

- Absorbed quickly by the plant since it is completely dissolved 100%
- Maintains the physical properties in poor environments such as high and low temperatures thanks to special processing technology



Differentiated properties

- Contains special substances that strengthen the immune system to reduce various kinds of damage occurring during crop growth
- Spreads widely and adheres to the leaf surface, showing stable effects upon foliar spray



Liquid Fertilizer

It's convenient to use, but is it economically burdensome because of its low ingredient content?

Powder Fertilizer

The ingredient content is high, but is it inconvenient to use due to powder flying and poor solubility?

No worries about dust

No worries about solubility

a definite effect by high concentration

Gel fertilizer that complements the shortcomings of the existing formulation and enhances its advantages.



Properties

Grow Gel	Root Gel	Color Gel	Down Gel
			
<p>Formula 26-3-4+B₂O₅+Mo</p> <p>Properties</p> <ul style="list-style-type: none">• Enhances vitalizing and shoot growth• Helps in vigor recovery <p>Application</p> <ul style="list-style-type: none">• Foliar Dilution ratio > 1:1000-2000 Interval > 7-10 days	<p>Formula Rhizogenesis enhancement + amino acid</p> <p>Properties</p> <ul style="list-style-type: none">• Helps in fine root emergence• Reduces environmental stress <p>Application</p> <ul style="list-style-type: none">• Foliar Dilution ratio > 1:1000-2000 Interval > 7-10 days• Irrigation Dosage > 500ml-1L/10a	<p>Formula 6-48-22+MnO+Zn</p> <p>Properties</p> <ul style="list-style-type: none">• Helps in maturation• Increases sugar content and quality <p>Application</p> <ul style="list-style-type: none">• Foliar Dilution ratio > 1:1000-2000 Interval > 7-10 days• Irrigation Dosage > 500ml-1L/10a	<p>Formula 0-55-28+B₂O₅+Zn</p> <p>Properties</p> <ul style="list-style-type: none">• Reduces overgrowth and nitrogen oversupply• Promotes photosynthesis and metabolic activity <p>Application</p> <ul style="list-style-type: none">• Foliar Dilution ratio > 1:1000-2000 Interval > 7-10 days• Irrigation Dosage > 500ml-1L/10a
Vita Gel	Big Gel	Mag Gel	
			
<p>Formula 18-0-5+CaO 22+MgO 2+B₂O₅+FeO+MnO+Zn+Mo+Cu</p> <p>Properties</p> <ul style="list-style-type: none">• Contains 4 macro and 6 micro elements plus vitamins• Prevents and promotes recovery from problems caused by microelement deficiencies <p>Application</p> <ul style="list-style-type: none">• Foliar Dilution ratio > 1:1000-2000 Interval > 7-10 days• Irrigation Dosage > 500ml-1L/10a	<p>Formula 4-10-32+B₂O₅+Mo</p> <p>Properties</p> <ul style="list-style-type: none">• Produces larger fruits and bulbous by promoting healthy growth and development• Contains functional nutrients that stimulate flower bud, fruit, bulb metabolism <p>Application</p> <ul style="list-style-type: none">• Foliar Dilution ratio > 1:1000-2000 Interval > 7-10 days• Irrigation Dosage > 500ml-1L/10a	<p>Formula MgO 16+B₂O₅+Mo</p> <p>Properties</p> <ul style="list-style-type: none">• Improves metabolic activity by promoting photosynthesis• The leaves will get thicker and become more dark green <p>Application</p> <ul style="list-style-type: none">• Foliar Dilution ratio > 1:1000-2000 Interval > 7-10 days	

Calcium Gel

Easy-to-use liquid calcium fertilizer

Packing 250ml, 500ml



Properties

- No white turbidity, precipitation of excellent physical properties
- Excellent effect even with low concentration due to high absorption and utilization efficiency
- Improves the quality of agricultural products as there are no traces after spraying
- Prevents fruits from cracking, crooking, and scale caused by the thickening of the cell wall

Formula (%)

Product	CaO
Calcium Gel	24

Application

Classification			Frequency	Dilution ratio	Dosage per 20L
Liquid	Foliar	All crops	1-5 times (In case of concerns or occurrence of calcium deficiency)	1:1000-2000	20-10ml

Test results

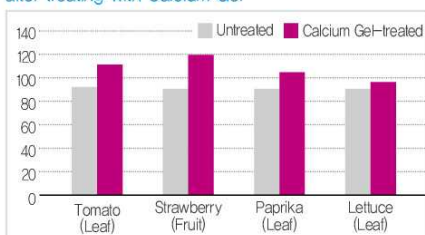
Calcium essential for Plant **Rapid and Perfect Effect!!**

Calcium is the second most important essential nutrient after the 3 macro-nutrients N, P, K. It is required in the same amount as N and has the second highest absorption after K.

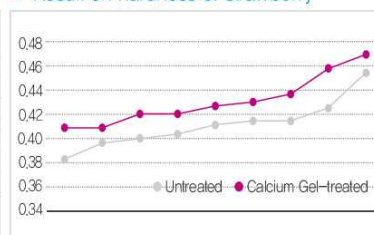
※Nutrient absorption required to produce 1 ton of crops

Crop	N	P	K	Ca	MgO
Tomato	2.4	2.0	4.8	2.0	0.7
Cucumber	2.4	0.9	3.4	2.8	0.8
Strawberry	4.5	1.8	5.9	4.0	1.5

※ Results on calcium content in crops and leaves after treating with Calcium Gel



※ Result on hardness of strawberry



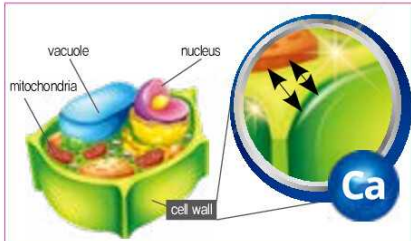
Calcium Gel property :
No precipitation even when mixed
with other liquid fertilizers



Mixed Test with Calcium Gel
[Conventional products may become cloudy and precipitate and become insoluble when mixed.]

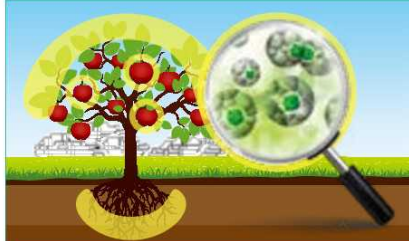
The role of Calcium

Calcium is the 4th most essential nutrient for plants after nitrogen, phosphoric acid, and potassium



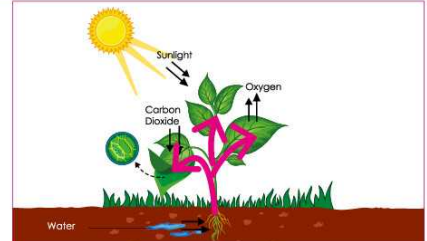
Increases the storage period due to the strengthening of the cell wall

- Pectin and Ca bind strongly on the cell wall
- Increase the storage and disease resistance by strengthening fruit cells



Essential nutrient for increasing the number of cells

- Necessary in places where a lot of division occurs, such as plant growth points, fruit thickening, and root tips



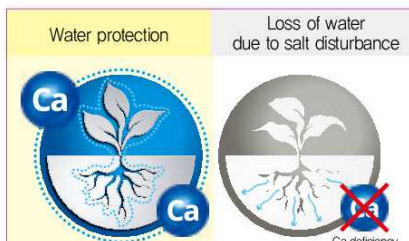
Activates crop metabolism and promotes balanced growth

- Medium of metabolic processes
- Helps balance growth through nutrient circulation



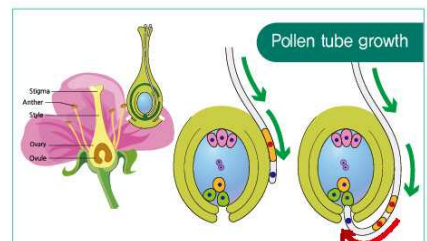
Helps normalize phytohormonal functions

- Helps activate the function of crop hormones and transmit information
- Control of physiological phenomena



Enhancement of salinity tolerance by controlling osmotic pressure

- Maintains moisture in plants so that water does not easily escape from cells even when salt stress occurs

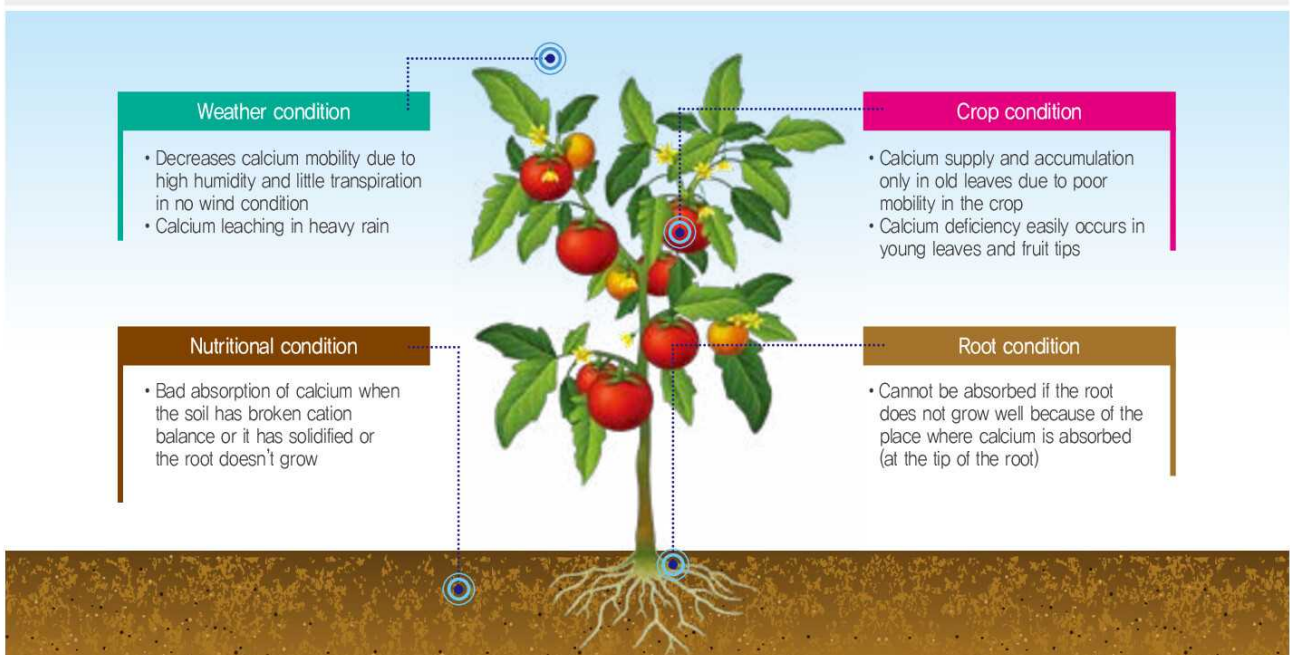


Improves the fertilization and fruiting rate through pollen tube growth

- Calcium, along with boron, plays an important role in pollen germination and elongation of pollen tube.

Influencing factors of Calcium deficiency

Essential to **spray Calcium Gel** on **fruits** and **young leaves** where calcium is difficult to move



High Cal

Highly enriched
liquid calcium fertilizer

Packing 100ml, 500ml



Properties

- A new concept calcium fertilizer made by concentrating organic chelate calcium using DAEYU's own concentration and stabilization technology
- Boasts of rapid absorption despite the deterioration of soil and weather conditions
- Excellent effect in preventing and recovering from calcium deficiency in crops with fast absorption
- Excellent effect when applied on foliar spray due to acidic pH



Formula (%)

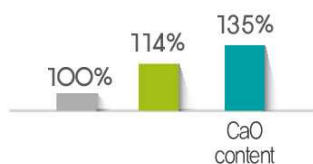
Product	CaO	Etc.
High Ca Liquid	23	Containing organic chelate calcium, Vitamins

Application

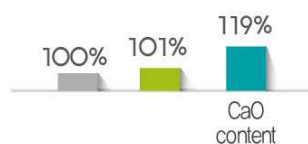
Classification		Time	Frequency	Dilution ratio	Dosage per 20L
Liquid	Foliar	All crops	Every 7–14 days (In case of concerns or occurrence of calcium deficiency: 1–5 times)	1:1000–1500	20–13ml
	Irrigation			1–1.5L/10a	

Test results

• Crop: Apple



• Crop: Tomato



● Untreated
● Ctrl
● High Ca treatment

Thripicide

Natural insecticide
using natural plant extracts

Packing 200ml, 500ml



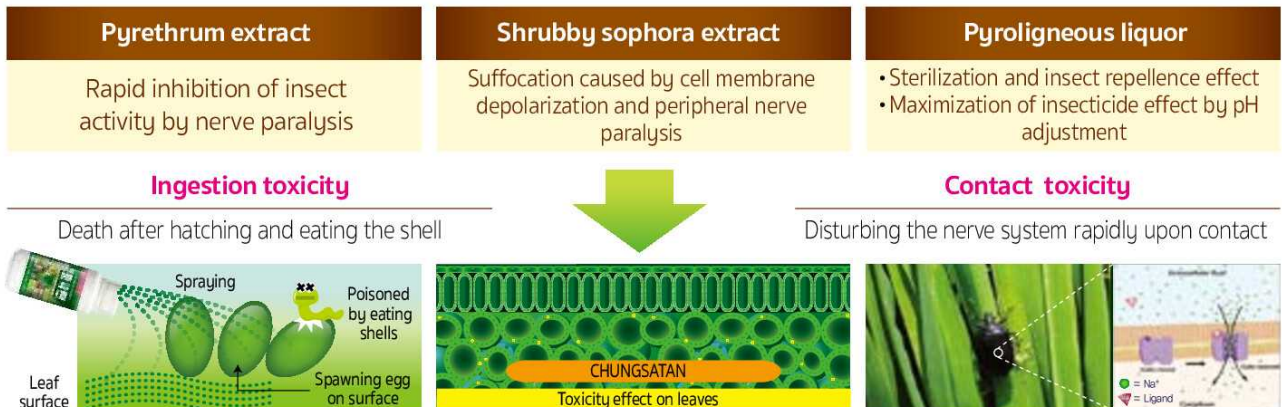
Properties

- Controls True bugs, Thrips, and Aphids
- Based on plant extract, which effectively paralyzes the pest nerve and leads to ingestion toxicity
- Increases the insecticidal effect by inducing complementary triple action using three extracts

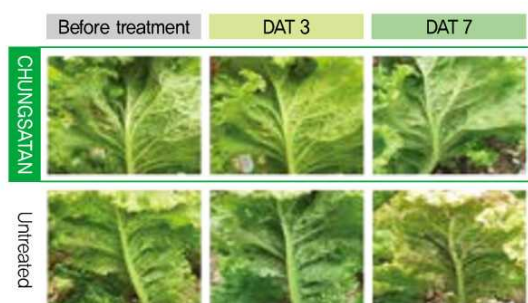
Application

Classification			Target	Time	Dilution ratio	Dosage per 20L
Liquid	Foliar	All crops	True bugs Thrips Aphids	Growing period Interval of 7–14 days	1:1000	20ml

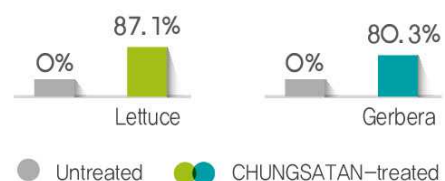
Mode of Action



Test results



• Aphid's control value



Multicide

Natural insecticide for thrips and aphids
containing *Beauveria bassiana*

Packing Granular – 1.5kg
Liquid– 500ml, 1L



Properties

Granular Type

- Selectively working on pupa and larvae in soil, which are difficult to control
- Strong pest control with the double action of *Beauveria bassiana* and toxoprotein-secreting microorganism

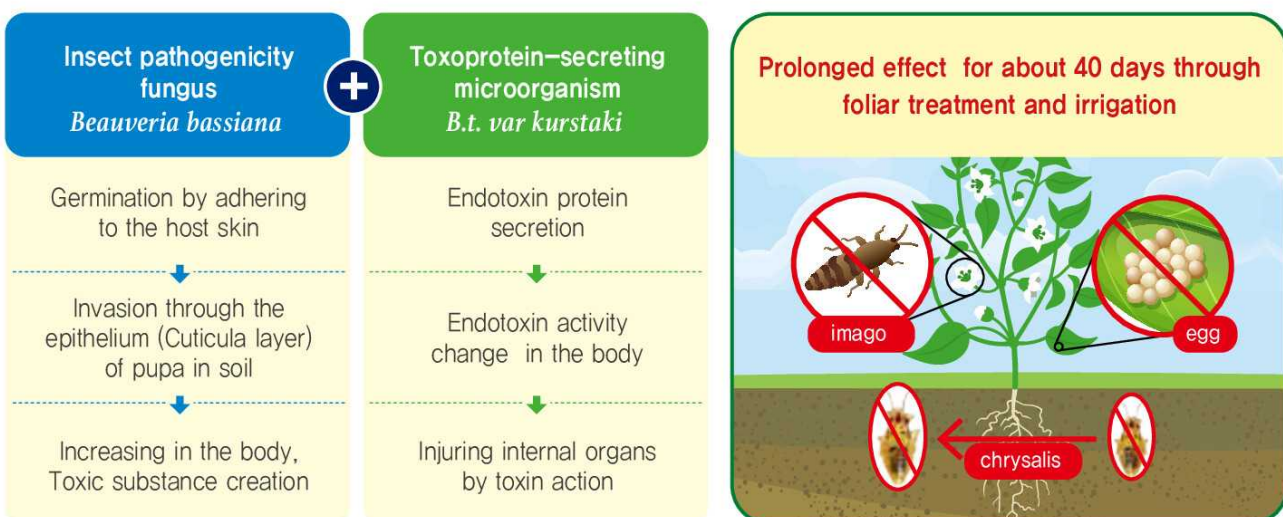
Oil Dispersion Type

- Easy to use as it is an Oil dispersion type containing *Beauveria bassiana*
- Due to the Oil characteristics, induces a suffocation effect by blocking the spiracle and more can be controlled

Application

Classification			Target	Time	Dosage
Granular	Soil incorporation	All crops	Thrips, Tobacco budworm, Agrotis segetum, Spectabilis, Bradysia agrestis, Liriomyza yasumatsui	Prior to transplant	4.5kg/10a
	Top dressing			Growing period	3kg/10a
Oil dispersion	Foliar		Thrips Aphids	Growing period Interval of 5–10 days	1:500(40ml/20L)
	Irrigation				5L/10a

Mode of Action



Cuproxat-S

Natural insecticide
using natural plant extracts

Packing 500ml, 1L



Properties

- Applies in growing season because the raw materials (tribasic copper sulfate, sulfur) are safe for plants but effective on diseases

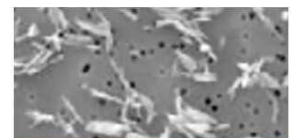
Tribasic copper sulfate

- Creates a synergy effect with copper and sulfur mixture
- Excellent adhesiveness and lasting effect on surface due to the hyperfine structure of copper
- Releases the 75% active copper ion immediately after applying, the other 25% copper remains and protects the crops during the growing period
- Can be used in rainy season and in high temperature/ humidity condition

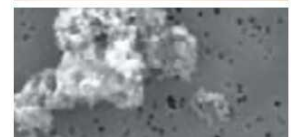
Organic sulfur

- Organic form can be safely sprayed for the growing season
- Easily ionized, rapidly penetrates the cells of pathogens
- Role of natural energy booster as it helps compose cysteine, methionine, vitamin, Lipoic acid

〈particle size〉



Tribasic copper sulfate



General copper sulfate

Solubility Test

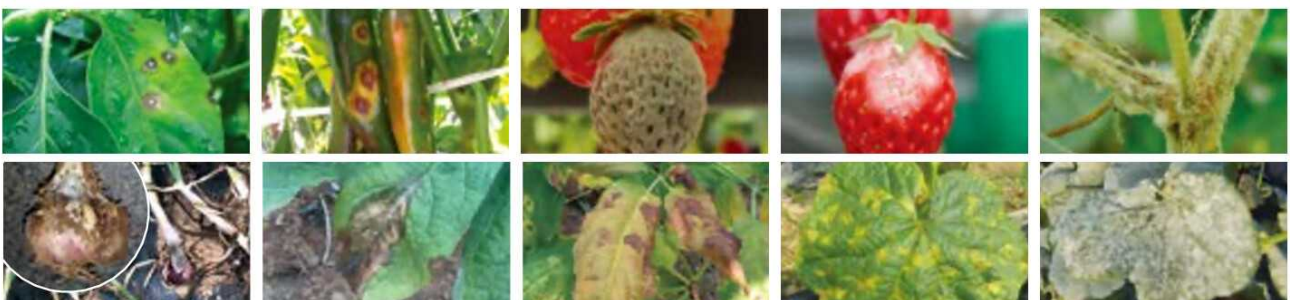


Organic sulfur

Mineral sulfur

Application

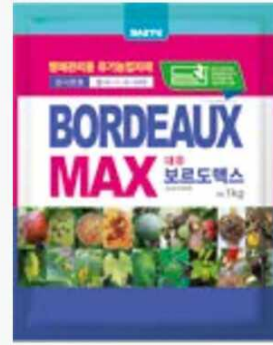
Classification			Target	Time	Dilution ratio	Dosage per 20L
Liquid	Foliar	All crops	Mildew, Dieback, Gray mold rot, Leaf spot, Rice blast disease, etc.	Growing period (interval of 10–14 days)	1:1000–500	40–20ml



Bordeaux Max

Bordeaux mixture in WG form

Packing 1kg











Properties

- High safety and good prevention by using Tribasic copper
- Excellent sterilization of virus and mold disease due to high copper
- Good adhesion to the leaves due to the very fine particles (2 μ m)
- Long lasting effect as it contains surfactant

No comparison!! Excellent quality!!



Classification		Classification	Competing product		
Product name		Bordeaux Max	Product A	Product B	Product C
pH		8,2	7,6	12,5	11,8
Physical properties	Form				
	Stability in water	 <p>Less precipitate after 2hrs</p>	 <p>Start of occurrence of precipitate after 5min</p>	 <p>Start of occurrence of precipitate after 5min</p>	 <p>Start of occurrence of precipitate after 5min</p>

Application

Classification			Time	Dilution ratio	Dosage per 20L
WG	Foliar	All crops	Autumn falling leaves – early spring Before the rainy season(interval of 14 days)	1:500	40g



Fire blight

Bacterial blight disease

Anthraco

Disease Stop

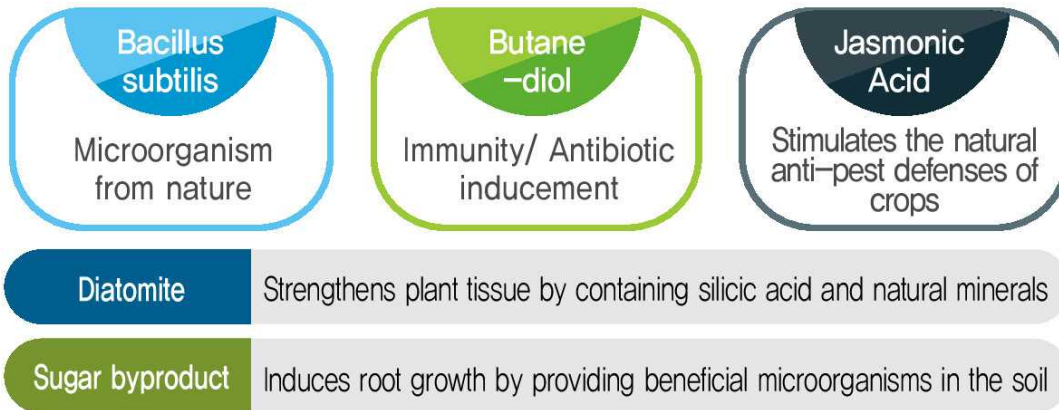
Natural microbicide
containing *Bacillus subtilis*

Packing 3kg



Properties

- Contains “*Bacillus subtilis*,” a microorganism derived from nature
- Helps increase the self-immunity of crops by inducing the defense mechanism on diseases
- Inhibition of harmful pathogens in the soil



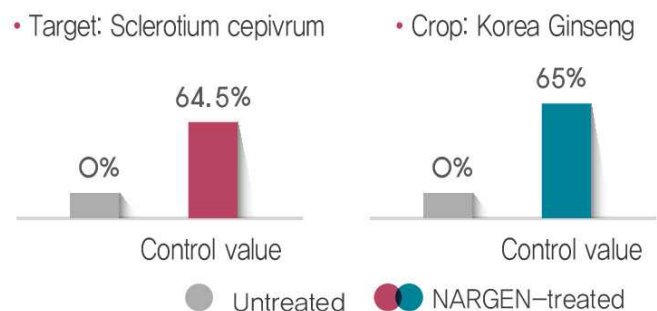
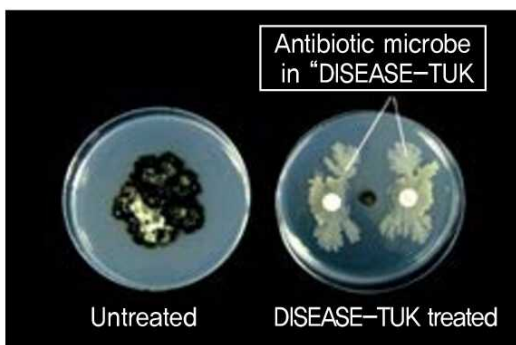
Application

Classification			Time	Dosage per 10a
Granular	Soil incorporation	All crops	Basal with fertilizer	4.5kg

Test results

Effect Test on *Sclerotium cepivorum* in artificial medium

Control effect



Amino Hulk

Liquid and Granular organic fertilizer
containing animal amino acid

Packing Liquid type – 5L, 10L
 Powder type – 3kg, 5kg



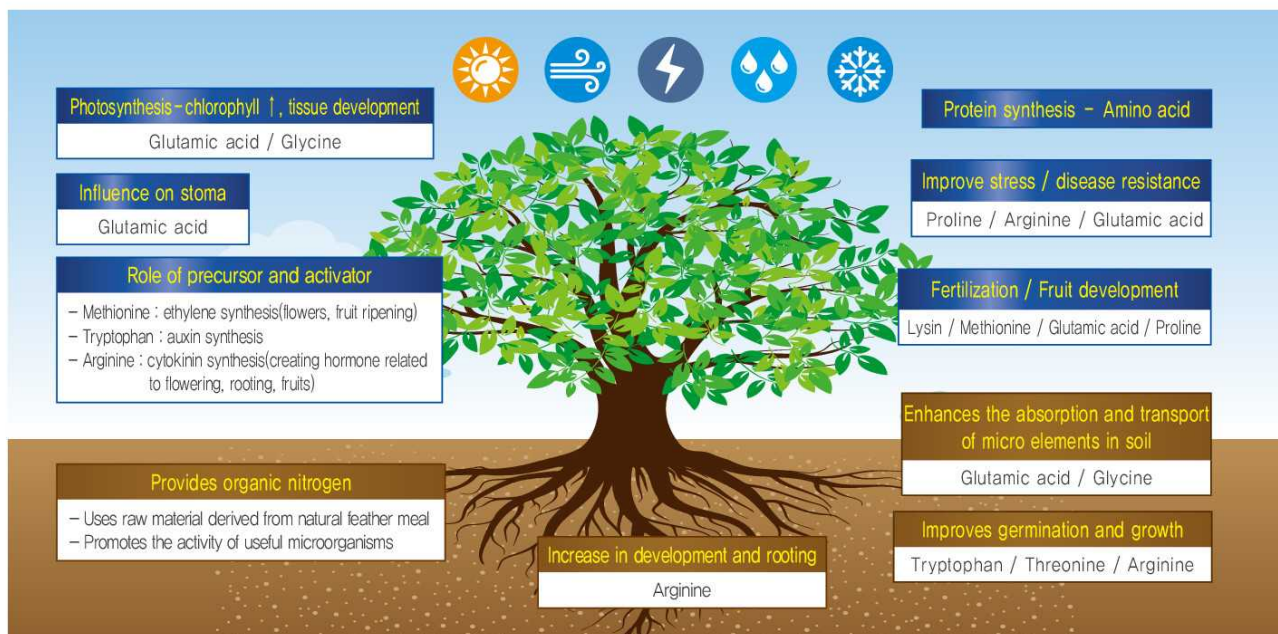
Properties

- Organic fertilizer extracted and fermented using microorganisms after high pressure/heat treatment of feather meal
- Supply of free amino acids and short peptides that can be readily absorbed and used by crops
- Improves nutrient holding capacity and air permeability through soil structure improvement
- Increases the activity of useful microorganisms in the soil by supplying organic matter

Application

Classification			Frequency	Time	Dilution ratio	Dosage per 20L
Liquid	Foliar	All crops	Every 7-15 days	Growing period	1:500	40ml
	Irrigation				3L / 10a	
Granular	Soil incorporation	Vegetables	–	Basal with fertilizer	7.5kg / 10a	
	Top dressing	Fruits	–	Shoot generation stage		

Effect of essential amino acids of “AMINO HULK” on plant growth



Insect Killer

Ready-to-use spray for insects

Packing 500ml



Properties

- Safe organic pesticide for home gardening using cedar oil and canola oil
- Uses organic ingredients with USDA certificate
- Inhibitors' feeding activity, unable to breathe according to the closing of stomata
- Excellent control, effective on Trips, Aphids, and Mites in growing season

Application

Classification		Target	Time	Spray meticulously on the front and back of leaves
Foliar	All crops	Trips, Aphids, Mites, Overwintering insects	Growing period	

Mode of Action



Cedar oil is able to dissolve pests in their early life cycle stages like eggs and larvae, and it can disintegrate the exoskeletons of adult pests, too. This induces rapid metamorphosis by elevating enzymatic levels and kills the adult pests.



Canola oil is primary way of killing insects and mites is the same by suffocation. Insects breathe through structures called spiracles. Oils block spiracles, reducing the availability of oxygen and interfering with various metabolic processes. When applied on insect or mite eggs, oils can penetrate the shells and kill the developing embryo. Oils may also act as repellent in some cases, especially with some of the plant-based oils.

My Farming

Home Garden Fertilizers

Liquid type

Well-growing



50ml

Growth

Formula : T-N:8.5%, W-K₂O:2%, W-CaO:13%, W-MgO:1%, W-B₂O₅:0.05%

Application : Foliar spray or irrigation Dilution 1: 1,000 (10 drops/water 300ml)

Don't be sick



50ml

Recovery

Formula : W-B₂O₅:0.7%, W-FeO:0.1%, W-Zn:0.3%, W-Mo:0.005%

Application : Foliar spray or irrigation Dilution 1: 1,000 (10 drops/water 300ml)

Bye insect



50ml

IPM

Formula : Natural plant extract Pyroligneous liquor

Application : Foliar spray or irrigation Dilution 1: 1,000 (10 drops/water 300ml)

Granular type

Well-growing



200g

Growth

Formula : T-N:20%, C-P₂O₅:6%, C-K₂O:14%, C-MgO:1.5%

Application : 2-3ts soil incorporation or Top dressing per diameter 30cm pot

Bye insect



200g

IPM

Formula : Natural plant extract

Application : 1/2ts soil incorporation or Top dressing per diameter 30cm pot



DAEYU AGRICULTURE INNOVATION

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