



Agriculture is Key to the Future

Progress in Agriculture
Innovation, Talent & Globalization

We will open a rich life and a bright future with our clients.
With creative technology, it has established as an innovative company
in the agricultural field by introducing Korea's "first" and "best"
products.

We are doing our best to listen to constant research and customers'
voices.

Through these continuous innovations and create value, we will open
the bright future of farmers and provide the best products to clients
based on realizes customer needs.

We appreciate you once again for your constant interest and
encouragement on Nousbo.

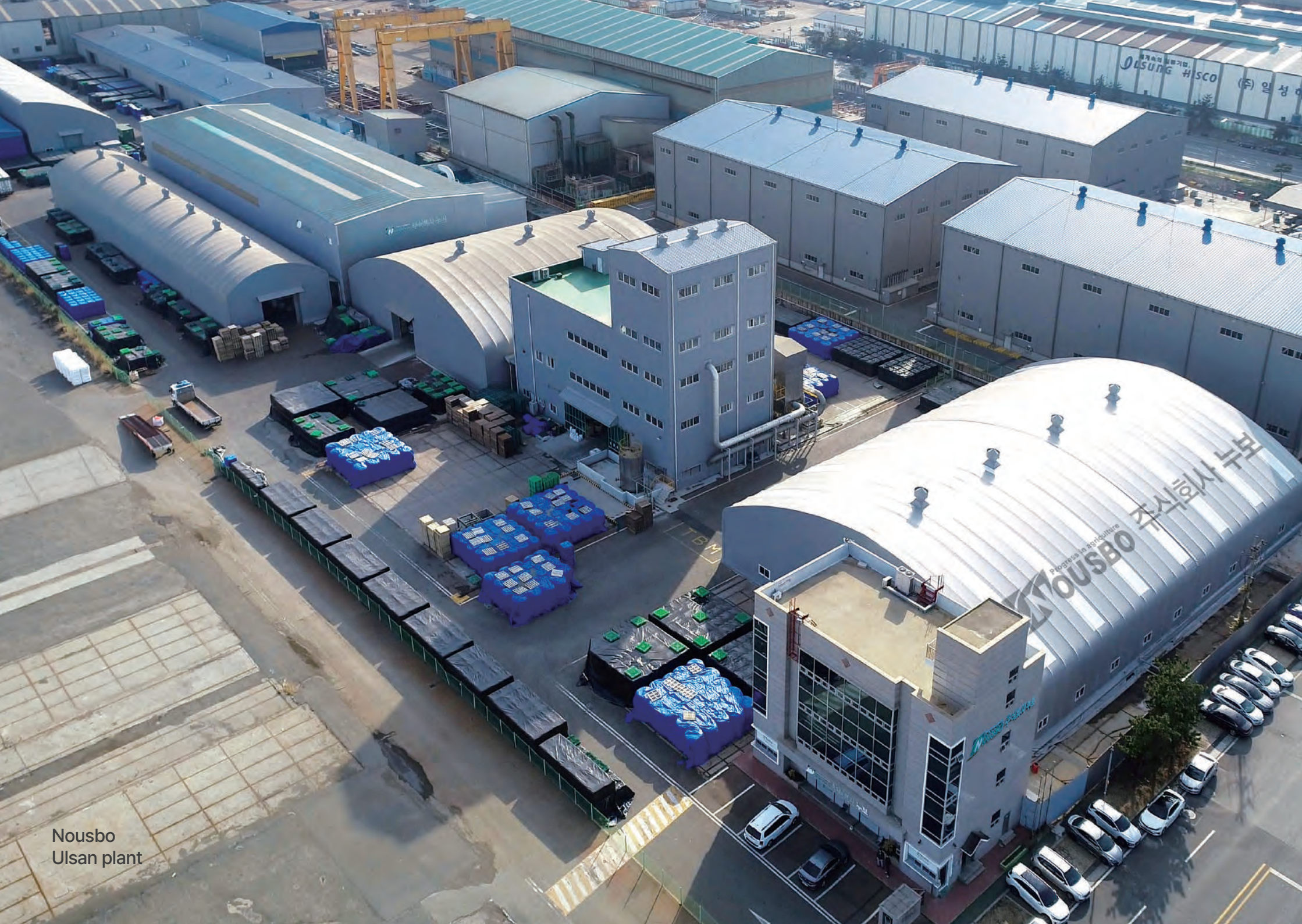
From All employees of Nousbo Co., Ltd.



Agriculture is Key to the Future.

Nousbo pursues to be a global agricultural brand that contributes the by developing innovative technology and supply it in every agricultural sector.





Nousbo
Ulsan plant

CONTENTS



A **N** **P** **T**
AGRICULTURE NURSERY PLANTATION TURF

Controlled Release Fertilizer (CRF)

Water soluble Fertilizer

WSF

Slow Release Fertilizer (SRF)

Organic Fertilizer

HI-COTE

- 10 **ANPT** **HI-COTE** Technology
- 14 **AP** **HI-COTE ADVANCE**
Homogeneous type polymer coated CRF
- 16 **ANT** **HI-COTE ADVANCE MINI**
Re-scaled 1.2~2.4mm Mini coated CRF
- 17 **ANP** **HI-COTE SPECIALITY**
Mixed fertilizer with polymer coated
- 18 **ANP** **HI-COTE COMBI**
Combination with Sigmoid and Liner
- 20 **ANP** **HI-COTE PADDY**
High quality fertilizer containing coated Urea

Slow release Fertilizer

- 21 **AT** **Ultra Turf**
MU/Fertilizer
- 22 **AP** **Jumbo Tabs**
SRF for trees, shrubs, and landscape
- 24 **AP** **Forchid spike**
- 25 **AP** **Big tap / Jumbo spike**

Water soluble Fertilizer

- 28 **AN** **Hi speed**
Chlorine free 100% WSF in granular form
- 30 **AN** **Foliar Bubble**
Water Soluble Fertilizer+ Slow Release Fertilizer
- 31 **ANPT** **Nutri Bubble**
100% water soluble effervescent micro element fertilizer
- 32 **ANT** **Silica Bubble**
Si and K fertilizer that increase yield and quality

Organic Fertilizer

- 35 **ANPT** **Organic Max**
Ecofriendly N-guano containing organic NPK fertilizer

Functional Fertilizer

- 36 **What is NPS**
- 41 **A** **Drone NK**
Specially designed NK granular fertilizer for drone

Soil Conditioner

- 38 **ANPT** **Silicate Fertilizer**
Granular & liquid fertilizer : Si, Ca, Mg, K
- 40 **ANPT** **Nutri bank**
Multi micro elements fertilizer with high contents of Ca and Mg
- 41 **ANPT** **Biochar**

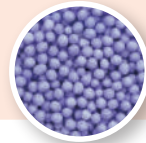
Home Garden Fertilizer

- 42 **Dr.Joe**
Special fertilizer for home garden plants
- 44 **Growing Bubble / Nutri Bubble**
- 45 **Blooming Flower / Tomato & Vegetable Bubble**
- 46 **HI-COTE ADVANCE**
- 47 **Organic max / Jumbo Tabs**
- 48 **Easy Coat**
- 49 **Pure Solution**



NOUSBO
FERTILIZER

ANPT HI-COTE Technology



Package 20kg / 1mt FIBC bag

Why Should use CRF?

- Solid and uniform polymer coating allows for precisely controlled nutrient release over time.
- Suppresses early nutrient release to prevent seed damage caused by N (Sigmoid type).
- Customizable formula available for varying temperature and moisture level up to 360 days.
- Decreases nitrogen leaching and volatilization.
- Available with DAP, MAP, SOP, MOP, and urea.

* Linear type : Constantly release nutrients from the beginning to the end.

* Sigmoid type : Controlling nutrients releasing amount following a crop's growing stage.

Quality control

- Precise and uniform coating technology
- Guaranteed longevity (according to plant needs)

High Fertilizer Utilization and Economical Efficiency

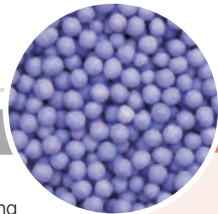
- Increases utilization by reducing fertilizer loss (leaching, volatilization, etc.)
- Reduces total fertilizer use

Labor Saving

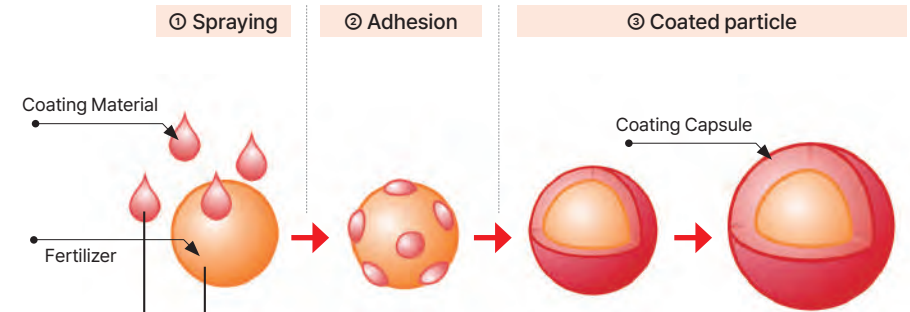
- One time application provides all NPK requirements until harvesting
- Eliminates the need for additional top dressing

Eco-friendly

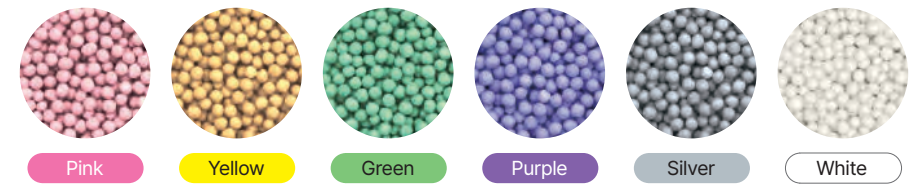
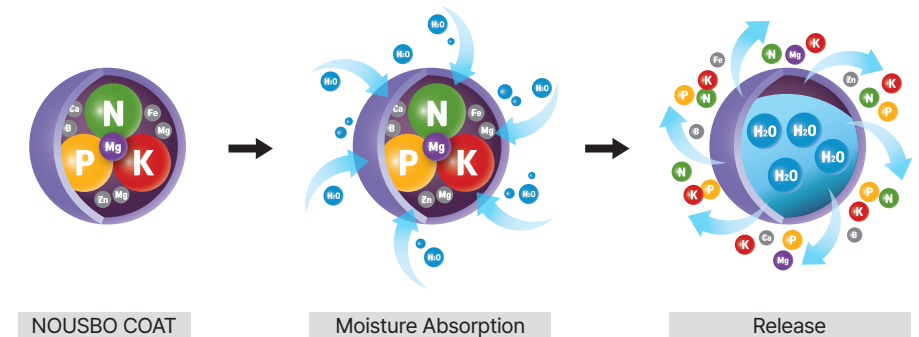
- Reduces groundwater pollution
- Reduces greenhouse gas emission



Coating Process



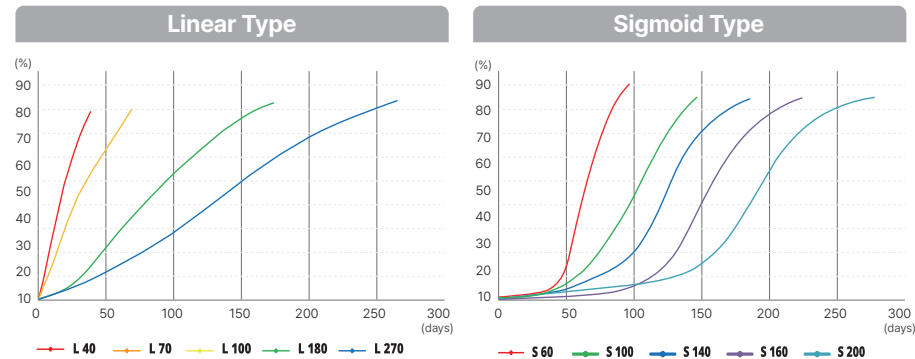
Release Mechanism



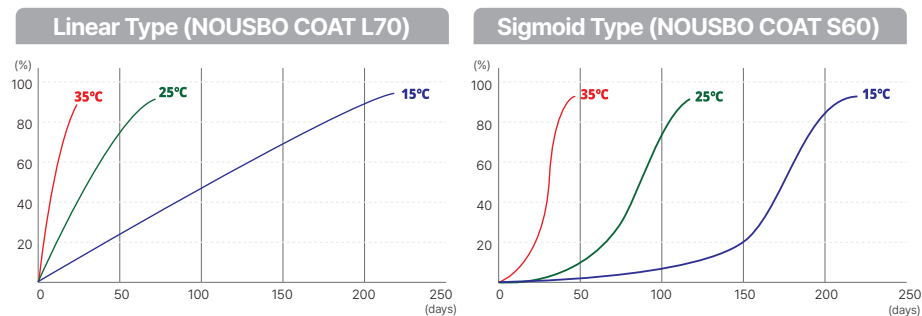
* Available choice color depend on MOQ

Elution Mechanism

■ Cumulative Release Curve (25°C)



■ Release period according to temperature



Guaranteed Contents



PCU (Polymer Coated Urea)

- ➔ Nitrogen content
 - Linear 42 ~ 43%
 - Sigmoid 38 ~ 39%
- ➔ Coating Color : Various
- ➔ Granule Size : 3 ~ 4.5mm
- ➔ pH : 7.0
- ➔ Hardness : 3kg/f

Formula(%)

■ Linear Type

	Release period days (25°C)	Formula	Product Name
HI-COTE Urea	40	43-0-0	HI-COTE UREA 40L
	70	43-0-0	HI-COTE UREA 70L
	100	42-0-0	HI-COTE UREA 100L
	180	42-0-0	HI-COTE UREA 180L
	over 270	42-0-0	HI-COTE UREA 270L
HI-COTE MAP	60 - 365	10-40-0	HI-COTE MAP 100L
HI-COTE MOP	60 - 365	0-0-48	HI-COTE MOP 100L

■ Sigmoid Type

	Release period (25°C)	Formula	Product Name
HI-COTE Urea	60	42-0-0	HI-COTE UREA 60S
	100	42-0-0	HI-COTE UREA 100S
	140	41-0-0	HI-COTE UREA 140S
	160	41-0-0	HI-COTE UREA 160S
	over 200	41-0-0	HI-COTE UREA 200S
HI-COTE MAP	60 - 365	10-40-0	HI-COTE MAP 100S
HI-COTE MOP	60 - 365	0-0-47	HI-COTE MOP 100S

AP
Homogeneous type polymer coated CRF
Uniform fertilizer effect

HI-COTE ADVANCE

21 4 13 | 15 15 15 | 13 4 25

+ Contains sulfur, magnesium, calcium, etc.

Package 20kg



Features

- 100% coated fertilizer manufactured by Nousbo's.
- Expecting a uniform fertilizer effect by Monotype fertilizer containing all nutrients in one.
- Customizable longevity up to 365 days by release control.
- In addition to NPK, it contains trace elements such as Sulfur, Mg and Ca.

Formula (%)

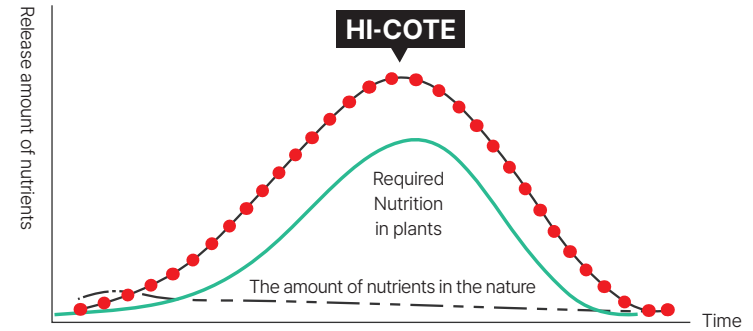
Product	N	P ₂ O ₅	K ₂ O	S	Trace elements
High N	21	4	13	4	Mg, Ca, B, Fe, Zn etc.
Balance	15	15	15	5	
High K	13	4	25	7	

* Mono Type : One granule contains all of nitrogen (N), phosphorous (P), potassium (K), and trace elements

Application

Crop	Dosage (g/plant)	Application
Fruit vegetables	7~10 gram	Put it in the hole when transplant or on the side of plant
Leaf vegetables	7~10 gram	
Tree	2~5kg /week	
Flower	6~8g / 15cm diameter of pot	

Release rate of HI-COTE ADVANCE



Advantage of HI-COTE ADVANCE

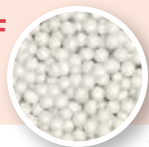
	HI-COTE ADVANCE Homogeneous type	Others BB type
difference	<ul style="list-style-type: none"> • One grain of fertilizer contains all NPK • Unified effect by uniformed granule size. • Manufacturing high-quality fertilizer with the latest CRF technology. 	<ul style="list-style-type: none"> • Each granule has a different NPK • It is hard to release control due to different particle size.

ANT

Available supply nutrients as mini size fertilizer

HI-COTE ADVANCE MINI

Re-scaled 1.2~2.4mm Mini coated CRF



Package 20kg

Properties

- Tiny granules that is Ideal for the potting mix and the soil incorporation.
- Consistency in size allows for precise nutrient control.
- Consist of Ammoniacal and nitrate N to provide a ready supply of nitrogen.
- Prevent the degradation of soil from urea based fertilizer.

Guaranteed contents (%/wt minimum)

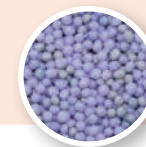
Product	N	P ₂ O ₅	K ₂ O	S	Trace elements
High N	21	4	13	4	Mg, Ca, B, Fe, Zn etc.
Balance	15	15	15	5	
High K	13	4	25	7	
UREA Mini	43	0	0	-	-

Guaranteed granule size

**ANP**

Mixed fertilizer with polymer coated

HI-COTE SPECIALITY

N P K + Mg + S + TE

Package 1kg/5kg/20kg

Features

- **100% All Coating** | All raw materials are 100% polymer coated.
- **Hand & Machine** | No dust, so it's applicable both by hand and machine.
- **Save Cost** | Only 1 time fertilization until harvest. Save money on labor and fertilizer cost.
- **Customizable** | Both the NPK formula and nutrient release days are customizable according to crops.

Growing Stage

Crop	N	P ₂ O ₅	K ₂ O	etc	Maximum Release days at temperature
HI COTE GRAIN	29	4	10	Mg, S, TE	60 days @25°C
HI COTE FRUIT	20	6	14	Mg, S, TE	90 days @25°C
HI COTE VEGGIE	23	5	11	Mg, B, TE	180 days @25°C

The advantage of fertilizer for dibbling

- Reduces the labor due to sufficient to use only once in the season without additional use.
- Provide nutrients right next to the plant to reduce the waste from volatilization and leaching.
- Total amount of fertilizer use drops significantly. Save nature from fertilizer pollution.
- Reduces the amount of fertilizer, greenhouse gas and water pollution caused by excessive use of fertilizer are greatly reduced.
- The high-tech fertilizer designed to meet the crop nutrient needs and more convenient when using existing sowing machines or transplant machines.

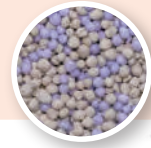


Suitable for crops that demands more nutrients in later growing stage

HI-COTE COMBI

21 7 9 +MgO 1%

Package 20kg



Features

- Sigmoid technology** | Sigmoid technology is applied to S-Coat so it is suitable for crops that demands more nutrients in later growing stage.
- Linear technology** | It supplies nutrients necessary for the initial growth of crops.
- Nutrition Release Control** | Nutrition release amount control based on crop's growing stage.

Formula (%)

N	P ₂ O ₅	K ₂ O	MgO	Crop
21	7	9	1	Fruit & Veggie
35	3	4	0.6	Ideal for corn, Paddy rice

Recommending Application

■ Paddy (Rice)

Method	Dosage (kg/ha)
Basal Application (Side Manuring)	300 ~ 500

* The dosage may be different based on soil and water type

■ Horticulture (Fruit & Vegetable)

Crop	Dosage	Crop	Dosage	Crop	Dosage
Wheat, Barley	300 ~ 400	Cabbage	400 ~ 500	Strawberry	200 ~ 300
Onion, Ginger	200 ~ 400	Chilli Pepper	500 ~ 600	Radish	300 ~ 400
Carrot	100 ~ 200	Watermelon	300 ~ 400	Pumpkin	300 ~ 400
Melon	500 ~ 600	Cucumber	400 ~ 500	Corn, Maize	700 ~ 900

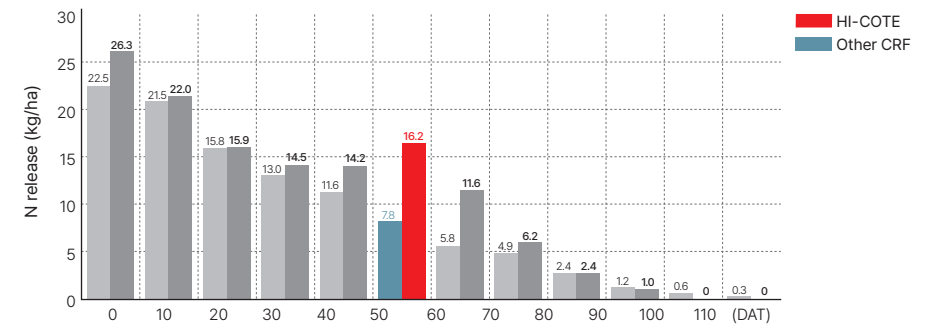
* The dosage may be different based on soil and water type

Nutrition Release

1) N analysis of soil per crop's growing stage

	Vegetative Period	Fruiting Period
HI-COTE	9.3kg (10% ↑)	3.7kg (50% ↑)
Average CRF	8.4kg	2.4kg
Effects	More tillering number	Replace Top dressing fertilizer

N release amount per day comparing HI-COTE with average CRF



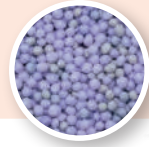
2) No top dressing (additional fertilizer) is necessary One application until harvest

Sigmoid shape of nutrition release pattern matches with crop's nutrients utilization amount per its growing stage.

ANP

High quality fertilizer containing coated Urea

HI-COTE PADDY



Package 20kg

Features

- **Long time** | Only once before the cultivation of a soil to supply nutrients in entire growing period.
- **Coating material** | Includes 25% polymer coated urea according to crops.
- **Longevity** | Humic acid and coated urea granules enhance the longevity.

Formula (%)

	N	P ₂ O ₅	K ₂ O	MgO(Mg)	etc
One Time premium	20	7	8	1	Ca, Si, NPS

Application & Dosage

Crop	Dosage kg/ha	Method
Paddy	350kg/ha	Soil incorporation

AT

MU Fertilizer / Slow Release NPK Fertilizer

Ultra Turf



Package 20kg

Features

- Contains 50% of MU: releases the nutrients stably over 3 months of time
- Suitable for turf in all seasons
- Brilliant color and long feeding on turf in golf courses

Formula(%)

	N	P ₂ O ₅	K ₂ O	MgO(Mg)	Etc.
Ultraturf 17-4-11	17	7	11	1	S, CaO, Zn
Ultraturf 10-4-23	10	4	23	1	
Ultraturf 18-5-18	18	5	18	1	

Application & Dosage

Season	Dosage	Time
Cold season	25~30g/m ² 223~267 lbs/acre	June, September
Warm season	25~30g/m ² 223~267 lbs/acre	Every 3 months

AP

Slow release nugget type fertilizer for tree, shrub, and vine

Jumbo Tabs



Package 20kg

Features

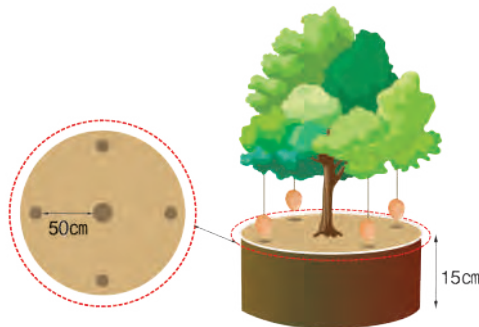
- **Slow Release Fertilizer** | Reduces labor costs by slowly releasing nutrients around the root zone for about 6 months.
- **Uniform Sized Nugget** | User friendly with each tablet weighing about 1 oz.
- **NPK + Micro Element** | Provides nutrients needed for growth and production of high quality fruits.

Formula (%)

N	P ₂ O ₅	K ₂ O	MgO	Etc.
13	7	7	5	Ca, S, B

Application

Plant	Recommending Dosage
Tree, Fruit trees, etc	5 nuggets per 1.5m tree height
Plants in pot	1 nugget per 5L pot size
Newly transplanted plant	1 nugget per 30cm height



- Place Jumbo Tabs at least 5cm away from stem or trunk
- No need to dig a hole. Digging hole is only recommended to often flooded area or hill

Recommended dosage

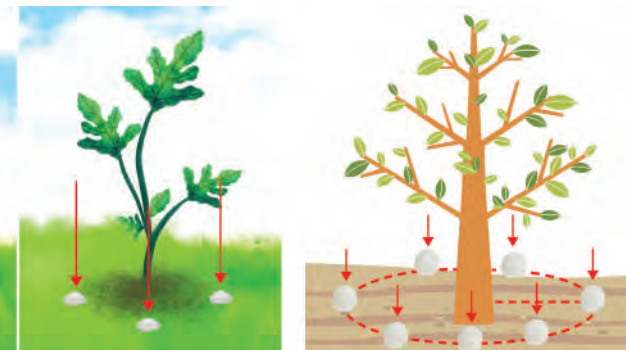
Crop		Piece / plant	Crop		Piece / plant
Horticultural Crop	Chilli	1	Fruit Tree	Oil Palm	20 (age under 7) 30 (age over 7)
	Watermelon	2		Apple	12
	Pumpkin	2		Grape	12
	Oriental melon	2		Tropical Fruit	12
	Cucumber	2			
	Eggplant	2			
Every 2 months			Every 3 months		

- Application frequency : Humid area (Every 3 months), Dry Area (Every 4 months)
- Place Jumbo Tabs between 10 to 20cm away from stem/trunk
- Avoid direct fertilizer contact to root

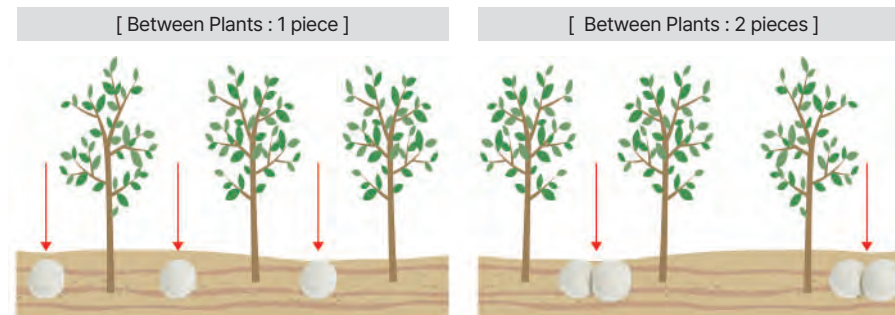
Watermelon (Vine)



Watermelon (Tree)



Chilli (Upright habit)



Place nugget(s) in between the plants

AP

SRF spike for tree & shrub

Forchid spike



Package 20kg

Features

The easy-to-use spikes release balanced nutrients to trees.

Slow release fertilizer containing methylene urea which safely release for about 10 months.

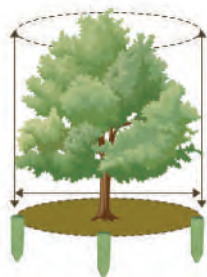
Seaweed extract and fulvic acid enhance root growth.

Formula(%)

N	P ₂ O ₅	K ₂ O	MgO	S	Etc.
18	10	12	5	4	Ca, S, B

Application

- Spring / Fall.
- Apply when ground is moist. Please wet the ground if dry before applying spike.
- Apply spike into ground around tree and shrub following dripline.
- Apply spike at least 2 feet away from the center of tree and shrub.
- Apply 1 spike per 2 to 3 cm of trunk diameter equally spaced at least 1 m apart.
- Place plastic cap on the top of spike.
- Apply spike 4 to 6 cm below the soil surface.

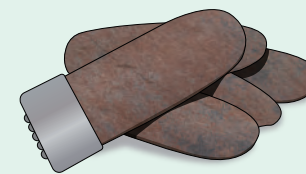


Dosage

Dosage	Diameter at breast height (cm)					
	less than 10	10 to 20	20 to 30	30	40	over 50
No. of spikes	1 to 2	2 to 3	3 to 4	4 to 5	6 to 7	8 to 9

AP

Jumbo spike



Package 20kg

Formula(%)

N	P ₂ O ₅	K ₂ O	MgO	S	Etc.
18	10	12	5	4	Ca, S, B

Application

Plant	Recommending Dosage
Smaller plants to 30cm	2-3 tablets
Larger plants over 50m	3-4 tablets

AP

Big tab



Package 1kg, 10kg

Formula(%)

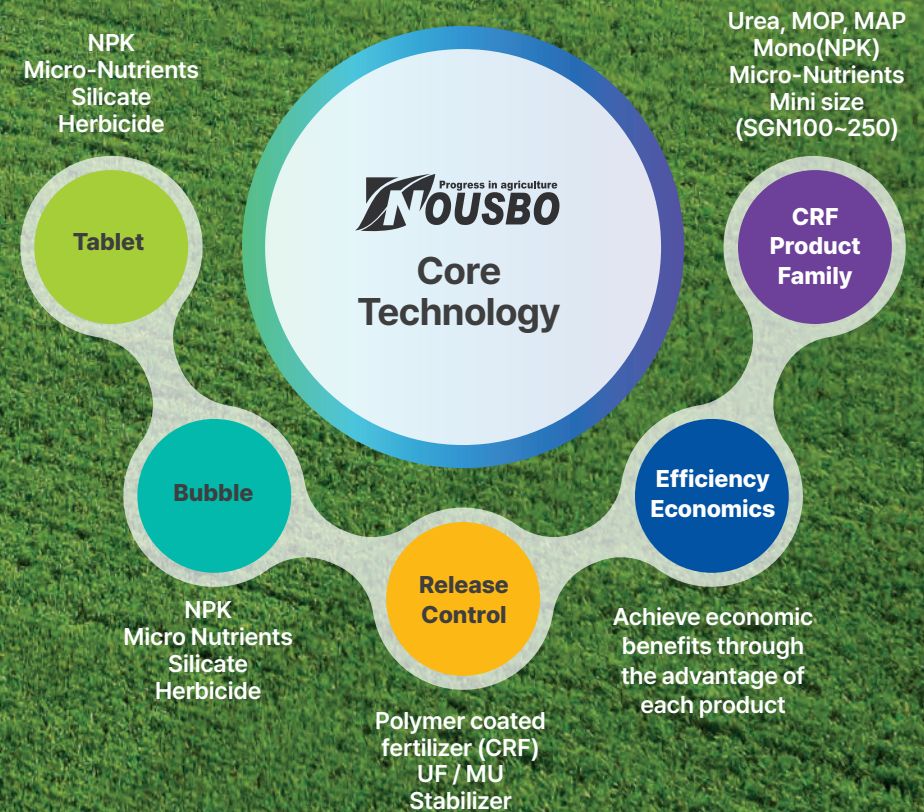
N	P ₂ O ₅	K ₂ O	MgO	Etc.
20	4	8	4	TE (Ca, Fe, Mn, B, Zn, Cu)
20	1	10	4	
17	7	8	5	

Application

Plant	Recommending Dosage
Smaller plants to 40cm	1-2 tablets
Medium plants to 1m	2-5 tablets
Larger plants over 1m	5+ tablets

Products Core Technology

Nousbo has developed five key technologies that enable the provision of highly efficient and cost-effective fertilizer products. Firstly, our fertilizer products incorporate release control technologies, including UF/MU stabilizers and polymer coating innovations. Secondly, a segmented product range offers a variety of options and sizes. Additionally, the unique tablet and bubble technology can be applied to a wide range of products, from fertilizers to herbicides. All products are designed to be highly competitive in the global market, with a strong focus on efficiency and economics, while also making significant contributions to the reduction of carbon emissions.



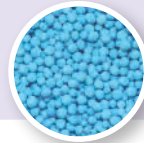
AN

Chlorine-Free & Nitrate based WSF

Hi-Speed

N P K +S+Mg+Ca+B+Fe+Zn

Package 15kg/20kg






Features

- Fast Effective** | The effects come out very fast and visible in few days.
- Ammonium & Nitrate Base** | Doesn't use any urea but made only by premium Ammonium & Nitrate sources.
- Chlorine-Free** | Minimal salt damage from Chlorine to prevent any possible salt damage.
- 100% Soluble** | Dissolve in water within 4 mins without leaving any residue.

Growing Stage

Growth	Nitrogen	Nitrogen Content(%)		P ₂ O ₅	K ₂ O	S	Micro elements
		Ammonium	Nitrate				
Early	23	11	12	5	15	4	Mg, Ca B, Fe, Zn
Middle	17	10	7	17	17	4	
Late	15	7.5	7.5	5	27	6	

Application

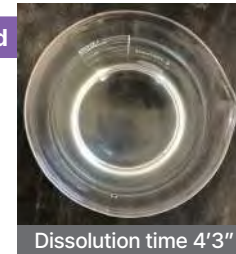
		
Fertigation	Foliar Spray	Side Manuring
10-20kg/ha Keep the same frequency and water amount with before	1:500-1000 mix with water Every 7-10 days Enough plants to get wet	1-2g/plant Every 10 days Flowering stage - harvest

* The dosage may be different based on soil and water type

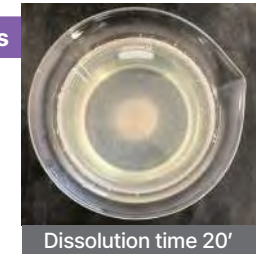
Comparison with competitors

Parameter	Hi-Speed	Competitors	
		General grade	Premium grade
type	Granule	Powder	Powder
Nitrogen type	Ammonium, Nitrate	Urea	Urea & Nitrate mix
Quality Uniformity (content, granule, etc.)	Uniform	Low uniformity	Different according to manufacturer
Chlorine (Cl)	None	High	Different according to manufacturer
Solubility	High	Normal	High
Residue	None	High	None
Broadcasting	Easy	Difficult	Difficult
Foliar spraying	Fast effect	Slow effect	Fast effect
Price	Low	Low	High

Hi-Speed



Competitor's



Crop	Growing Stage	Hi Speed NPK	Irrigation Dosage (kg/ha)	
Fruit Vegetable	Transplant - Early Growing	23-5-15	7	
	Early Growing - Flowering	23-5-15	10	
		17-17-17		
	Flowering - Fruit Setting	17-17-17	13	
	15-5-27			
Leaf Vegetable	Fruit Setting - Harvesting	17-17-17	20	
		15-5-27		
	Early Growing Period		23-5-15	10
		Growing Period	23-5-15	
17-17-17				
Harvesting Period		17-17-17	13	
		15-5-27		
Fruit Tree	Before Flowering	23-5-15	10	
	Flowering - Fruit Setting	23-5-15	15	
		17-17-17		
	Fruit Setting - Harvest	17-17-17	17	
15-5-27				
After Harvest	15-5-27	17		

AN

Slow Release WSF
(Water Soluble Fertilizer)

Foliar Bubble

21 3 17

Package 2kg



Features

- Effervescent foliar fertilizer that slowly release nutrients over time.
- Contains functional material that enhances the utility and prolongs the effects on foliage application.
- Can be mixed with pesticides during side dressing to decrease labor costs.
- It not only decreases labor cost but also maximizes the effects of fertilizer.

Formula (%)

N	P ₂ O ₅	K ₂ O	Etc
21	3	17	B, Mo, NPS, FSE2

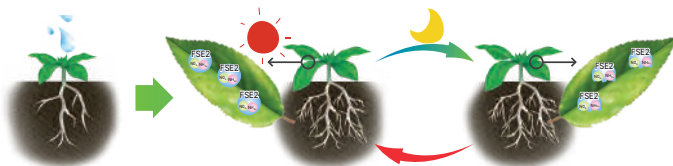
FSE2 * increase the mobility of nutrients and prolongs the foliar application effect.

Application

Method	Dilution rate	Crop	Time	Frequency
Foliar Spray	1 : 250 ~ 1 : 500	Fruit tree & Fruit vegetable	After fruit setting	Apply more than 2 times every 2 ~ 3 weeks
		Leafy vegetable	30 days after transplanting	

* The recommended usage is based on the application for each crop of the Korean government, so please refer to it when using it

How it works



Foliar Bubble Spray Dry time: fertilizer remain on leaves when water evaporates by heat

→ Foliar Bubble gets solidified and sticks on leaf

Night time : solidified foliar bubble gets dissolved and absorbed by crops.

ANPT

Multi EDTA & EDDHA micro elements in
effervescent tablet

Nutri Bubble

Package 250g bottle/500g pouch



Features

- Contains 8 different chelated microelements + potassium.
- EDTA-chelate microelements promote higher solubility and mobility of nutrients.
- Increases fruit set percentage by promoting formation of chlorophyll.
- Convenient and easy to calculate application dosage since each tablet weigh 4gram.

Formula (%)

K ₂ O	Fe-EDDHA	Zn-EDTA	Mn-EDTA	Cu-EDTA	B ₂ O ₃ (B)	MgO (Mg)	Mo
12.5	0.15	2.0	1.5	0.1	4.4 (1.36)	1.35 (0.81)	0.04

Application

Crop	Method	Dosage	Main Application Time	Frequency
All Crops	Foliar Spray	1:2,000 – 4,000 mix with water	Flowering Stage, Fruiting Stage, Color Setting Stage	Every 10 to 15 days
	Fertigation	0.5 – 1kg/ha		Every 3 weeks

Unchelated Nutrients

- Metallic Micro Elements usually have (+) charge like Fe for example

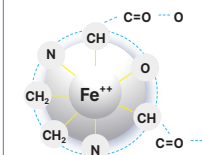
- This unchelated Micro Elements have risk of forming insoluble precipitates with other nutrients



Chelated Nutrients

- Metallic Micro Elements are covered in a chelate chemical that is negatively charge

- This cover protects the Micro Elements from becoming insoluble and fixed in the soil





Si and K fertilizer to increase crop yield and quality

Silica Bubble

Si + K + MgO + Citric Acid

Package 500g/1kg



Features

- Si thickens the cell wall to build stronger stalks and stems.
- Increases survival rates against pests, diseases, blast, and lodging.
- K promotes opening and closing of stomata and accelerates photosynthesis.
- Produces higher quality and quantity crops.

Silica Bubble is tested & sold to over 10 countries!



Tablet (Hand throwing)



Powder (Foliar spray or Irrigation)

Formula (%)

SiO ₂ (Si)	K ₂ O (K)	MgO	Etc.
12 (5.6)	20 (16.5)	1	Citric Acid

Application

Crop	Method	Dosage	First Application	Frequency
Rice	Hand Throwing (water height must be over 5cm)	2.5 – 5 kg/ha	Between tillering & panicle stage	1 time only
	Foliar Spray	0.5 – 2 kg/ha 1:500 Dissolve in water	DAS 40-50 DAT 10-20	Every 2 weeks, Total 3, 4 times
Horticulture	Foliar Spray	1.5 – 3 kg/ha 1:1000 Dissolve in water	When fruit is thumbnail size	Every 2 weeks, Total 3, 4 times



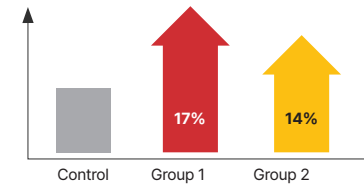
Field Test 1

- Crop : Paddy Rice
- Location : Andhra Pradesh, India
- Date : March 2015
- Application : Hand throwing of tablets

1. Test Preparation

Group	Treatment	DAT
Control	Compound Fertilizer 100%	25
Group 1	Compound Fertilizer 100% + Silica Bubble Tabs 2.5kg/ha	25
Group 2	Compound Fertilizer 75% + Silica Bubble Tabs 2.5kg/ha	25

2. Test Result



Group	Yield (kg/ha)	Increase (%)*
Control	4,530	-
Group 1	5,280	17
Group 2	5,140	14

[Yield Increase]

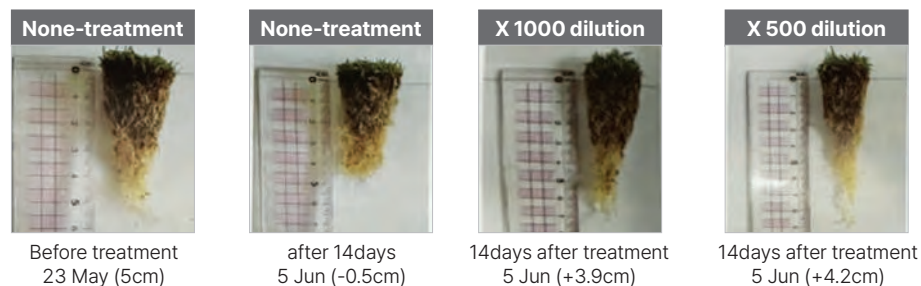


[Lodging Prevention]



Field Test 2

- Crop : Golf Nursery
- Location : Korea A golf club
- Date : May 2016
- Usage : 2g / m²
- Water : 100ml / m²



Field Test 3

- Crop : Golf Nursery
- Location : Korea H golf club
- Date : July 2021
- Usage : 2g / m²
- Water : 500ml / m²



ANPT

High nitrogen N-guano based ecofriendly organic fertilizer

Organic Max

12 0.7 1 + Organic Matter
7 1 1

Package 20kg



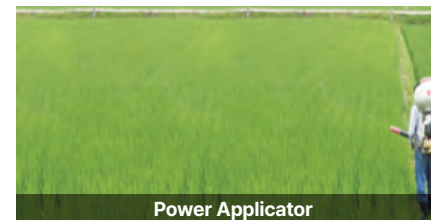
Features

- **High % of Nitrogen** | 2 or 3 time more N content than chicken manure.
- **Efficiency** | Cost and time efficient by using small dosages of highly purified N to produce longer effects.
- **Organic matter** | Consists of 60~70% organic matter to retain nutrients from the initial growth and development stage until harvest.
- **Fully fermented** | Does not cause gas damage by using a fully fermented and decomposed formula.
- **OMRI Organic Certified** | Approved and certified as Organic fertilizer in the US and South Korea.

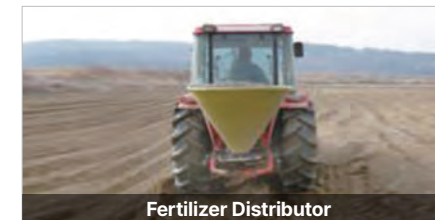
	Usage	N	P ₂ O ₅	K ₂ O	Organic Matter
Organic Max	1 ton/ha	12	0.7	1	60%*
		7	1	1	60%
Chicken Manure	3 ton/ha	3.2	2	1.5	60%

VS Save 75% Fertilizer Usage!

Application



Power Applicator



Fertilizer Distributor

Crop	Application	Dosage
All Crops	Basal Fertilizer (Soil Incorporation recommended)	1/2 or 1/3 of chicken manure usage



What is NPS?

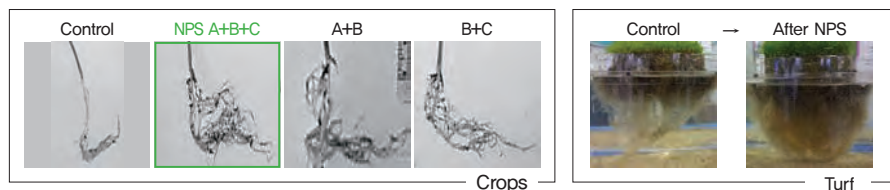
NPS(Nousbo Plant Synergist)?

Consists of biodegradable ingredient, plant bioactive material, and organic acid that promote the root growth and nutrient absorption rate

Features of NPS

- Activates root growth, and increases rate of nutrient absorption
- Maximizes CEC in soil to minimize nutrient loss
- Increases turf immunity against stress
- Increases environmental adaptability and bioactivity of turf

Picture of Root after NPS treatment



NPS Fertilizer : NPS helps ammonium nitrogen to attach to soil better to decrease leaching to underground water, leakage of additional fertilizer, and volatility of nitrogen oxide and Nitrogen. Also decreases eluviation and volatility of Organic materials



A

NK fertilizer specially designed for Drone application containing Humic Acid

Drone NK

39 0 6 + MgO 1%

Package 15kg



Features

- **Top Dressing** | NK fertilizer for top dressing (additional fertilizer).
- **Drone Application** | Specially designed granule for drone application.
- **High Efficiency** | Contains hydrolysis inhibitor to prevent ammonia volatilization and nutrition leaching.
- **Humic Acid** | Water soluble humic acid to increase the fertilizer's efficiency.

Formula (%)

N	P ₂ O ₅	K ₂ O	MgO	Etc.
39	0	6	1	Water soluble Humic Acid

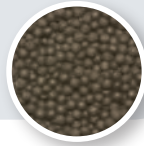
Recommending Application

Crop	Dosage	Note
Rice, Corn, wheat, Barley	50-70 kg/ha	Apply as top dressing (additional fertilizer)

* The dosage may be different based on soil and water type



Silicate Fertilizer



Packing 20kg (granule) / 500ml (liquid)



Ultramax Silicate



Ultramax CalMag



Ultramax Silicate Liquid

Features

- Utilization** Utilizes Si, Ca, and Mg to produce higher quality and yielding crops.
- Lodging prevention** Constructs a silicon barrier between the outer tissue and inner cell to prevent diseases and lodging.
- Post-harvest Life** Prolongs storage period, promotes the absorption of phosphorus, and enhances accumulation of nutrients.

Formula (%)

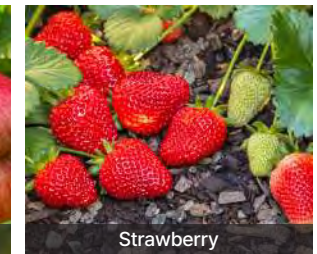
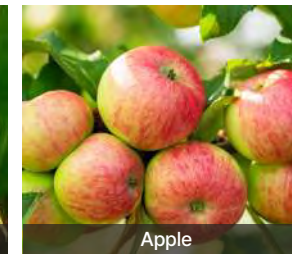
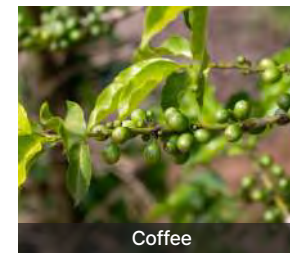
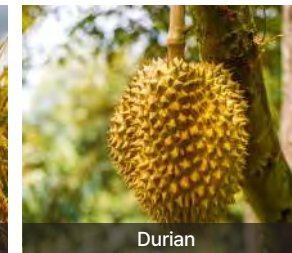
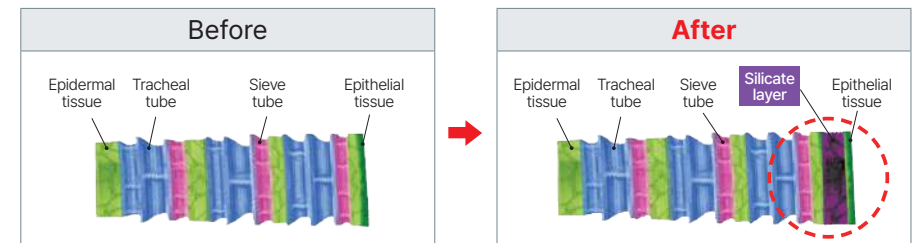
	SiO ₂ (Si)	CaO (Ca)	MgO (Mg)
Ultramax Silicate	25 (11.6)	35 (25.0)	2 (1.2)
Ultramax CalMag	1 (0.47)	28 (20)	17 (10.3)

	SiO ₂ (Si)	K ₂ O
Ultramax Silicate	28 (13.0)	-
Ultramax Silicate Liquid	28 (13.0)	22

Application

Crop	Application	Dosage	Frequency
All Crops	Basal Fertilizer	150 - 300kg / ha (60 - 120kg / acre)	One time as basal
	Foliar Application (Liquid)	Mix with water in 1:500 - 1,000 ratio	Every 10 - 15 days

* Soil Incorporation recommended



ANPT

Multi micro elements combi fertilizer
with high % of Ca & Mg

Nutri Bank



Package 15kg

Features

- **Combination of Micro elements** | Homogenous granule consisting of 8 different micro-element.
- **High content of Ca & Mg** | Contains Ca and Mg to promote photosynthesis and build a thicker cell wall to prevent cracking and protect against pests and diseases.

Formula (%)

Contents(%)			ppm					
CaO	S	MgO	Zn	Fe	MnO	B ₂ O ₃	Cu	Mo
9	7	12	20,000	22,000	10,000	40,000	1,800	10

Application

Crop	Application	Dosage
Cereals and top dressing during flowering	Top dressing	20 - 30 kg / ha (8 - 12 kg/acre)
Leaf Vegetable	Basal	100 - 200 kg / ha (40 - 80 kg/acre)
Fruit Vegetable		100 - 150 kg / ha (40 - 60 kg/acre)
Root Vegetable		150 kg / ha (60 kg/acre)
Fruit Tree		70 - 100 kg / ha (25 - 40 kg/acre)

ANPT

Bio-Charcoal Functional Soil Improvement

BIOCHAR

Carbon farming and climate change



Package 20kg

Features

- Contains biochar to provide oxygen easier to the roots.
- Nousbo Biochar support prevent soil acidification by controlling soil's pH.
- Helps to soil improvement by improving soil aggregation and air- permeability.
- Supply of nutrients necessary for growth.

What is Biochar?

A new concept material in the form of charcoal made by pyrolysis of biomass such as wood under oxygen-free conditions. Superior physicality and outstanding soil improvement.

Product	Contents(%)			
Biochar	C	H	N	O
	74.2	1.6	2.5	11.4

Analysis	H/C _{tot}	O/C _{tot}
EBC standard	0.7	-
Biochar	0.4	0.1

Application

Crop	Application	Dosage
Leaf Vegetable	Soil incorporation before planting	600 kg / acre
Fruit Vegetable		
Root Vegetable		
Fruit Tree		



K-brand represents the 'luxury consumer goods' produced in Republic of Korea, derived from the branding strategy based on the traditional pattern of 'Taegeuk' and the symbol 'K', aiming to widely promote a national product line.



HOME & GARDEN

Urban Farming Home Garden Garden





Growing Bubble

56g _ All Purpose



- No weighing required.
- Provides nutrients essential for healthy plant growth and development.
- Effervescent Water soluble NPK which readily diffuses in water.

Guaranteed Contents (%w/w)

N	P ₂ O ₅	K ₂ O
15	15	5



Blooming Flower Bubble

56g _ Flower



- No weighing required.
- Boosts bloom vibrancy and the number of flower blooms.
- Promotes healthy coloring and blooms.

Guaranteed Contents (%w/w)

N	P ₂ O ₅	K ₂ O
10	20	10



Nutri Bubble

56g _ Deficiency



- No weighing required.
- Supplies microelements to prevent plant deficiencies and diseases.
- Effervescent Water soluble Chelated micronutrients which readily diffuses in water.

Guaranteed Contents (%w/w)

K ₂ O	MgO	B ₂ O ₃	Mo	EDTA-Mn	EDDHA-Fe	EDTA-Cu	EDTA-Zn
12.4	1.35	4.4	0.04	2.44	0.18	0.15	2.35



Tomato & Vegetable Bubble

56g _ Vegetable

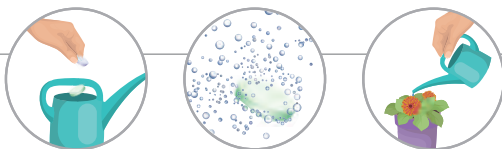


- No weighing required.
- Increases the production of healthier and higher quality garden crops.
- Specially designed nutrition balance for fruit and vegetables.

Guaranteed Contents (%w/w)

N	P ₂ O ₅	K ₂ O
14	14	14

Usage and Caution



Usage

- 1 tablet/4~8 liters of water/10m², apply every 1~2 weeks
- After complete dissolution of tablets, apply solution to plant and soil enough to make the surface wet

Caution

- Avoid using for orchids
- To maintain excellent solubility, seal the container properly and store in cool



Usage Video



[Dr. Joe Bubble Package in the USA and Japan market]



Homogeneous type polymer coated CRF
Small packing for home garden

HI-COTE ADVANCE

- All raw materials are 100% polymer coated.
- Precise nutrient release throughout the growing season. (up to 90days)
- For use on a wide variety of plants.

Package 300g

Formula (%)

N	P ₂ O ₅	K ₂ O	Etc.
15	15	15	Trace elements (S, Mg, Ca, B, Fe, Zn etc)

Application

- Apply every 3 months at the following recommended application rates
- Pot Broad cast evenly on top of the soil and water
- Garden/field Broadcast evenly near the plant and mix with the soil if possible



Recommended application rate

- Orchid : 0.5~1.0 gram / pot (1/2 teaspoon)
- Potted plant : 5 gram / pot
- Flower, Bean, Leafy vegetable, Berries : 10~15 gram/plant
- Perennial, Fruit vegetable : 100~150 gram / plant



People and pet friendly! Enriched with guano,
organic fertilizer Small packing for home garden

Organic max

- Naturally Sourced formula.
- Gradually release nutrients for several months.
- Organic matter conditions soil to neutral pH needed for healthy plant growth.

Package 300g

Formula (%)

N	P ₂ O ₅	K ₂ O
12	0.7	1

Application

- Broadcast onto the soil before seeding or transplanting.
- Mix the fertilizer with the soil if possible

Recommended application rate

- Flower, Orchid : 100-150g/m²
- Summer flower : 60~100g/m²
- Cabbages, celery, leeks, onions : 100~160g/m²
- Potatoes : 120g/m²



Package 1kg

Slow release nugget type fertilizer

Jumbo Tabs Step & Go

- Very firm and resistant to disintegration
- Does not require hammering into the ground
- Just step and go
- Reduces labor costs and comes at a reasonable price

Formula (%)

N	P ₂ O ₅	K ₂ O
13	7	7
12	5	8
16	4	8

Application

- Place Jumbo Tabs at least 10 to 20cm away from stem or trunk
- No need to dig a hole. Just apply and step & go
- * Digging hole is only recommended to often flooded area or hill

Dosage

Crop		Piece/plant
Horticultural Crop	Chilli	1
	Watermelon	2
	Pumpkin	2
	Oriental melon	2
	Cucumber	2
	Eggplant	2
Every 2 months		

* Application frequency: Humid area (Every 3 months), Dry Area (Every 4 months)



10sticks / pack

Easy Coat



- Premium controlled release fertilizer for home plants & garden crops.
- Contains well balanced Nitrogen, Phosphate, and Potassium.
- The effects last 6months long.

Formula (%)

N	P ₂ O ₅	K ₂ O
20	6	14

Application

Pot Size (Diameter)	10cm	15cm	30-50cm
Home Plant	2-3g (1/3 stick)	4g (1/2 stick)	8g (1 stick)
Cactus, Succulent	1g (10-15 granules)	2-3g (1/3 stick)	4g (1/2 stick)
Orchid	-	0.5g (5 granules)	1g (10-15 granules)



Slow Release



Release Control



Essential Nutrients



No odor, Clean to use

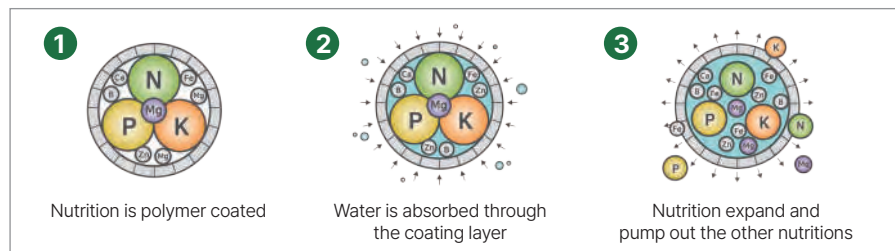


Stick, Easy to use



10 Pots, 6 months

CRF(Controlled Release Fertilizer)



Repotting : mix soil with 1 stick



Put it on soil around stem



10sticks / pack

Pure Solution



- Premium liquid fertilizer for hydroponic & irrigation.
- Specially designed nutrition for hydroponic plants.
- Just pour in 1 stick per 3L water ratio when you change water in every 2 to 4 weeks.

Formula (%)

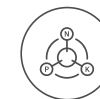
N	P ₂ O ₅	K ₂ O	B ₂ O ₃	Mo
1.5	1.5	1.5	0.05	0.0005
Soluble MgO		Soluble Fe		Soluble CaO
0.01ppm		0.003ppm		0.001ppm

Application

Plant	Flowers	Leaf Veggie	Fruit Veggie	
Dosage	1stick / 3L water	1stick / 3L water	Nursery 1 stick / 4L water	After Nursery 1 stick / 3L water



Essential Nutrients Concentrate



Specially Designed for Hydroponic plants



Both Major elements and micro elements



Root development

Comparison with other fertilizer

Nitrogen Source	Pure Solution		Normal Fertilizer
	Nitrate	Ammonium	Urea
Direct Absorption	○	○	X (must decompose)
Positive ion Absorption	○	X	X
Nutrient Solution Utilization	○	○	X



Add 1stick on 2L water and stir well



Pour the mixed solution when water is changed



The water change is recommended in every 2 to 4 weeks



www.nousbo.com/en



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