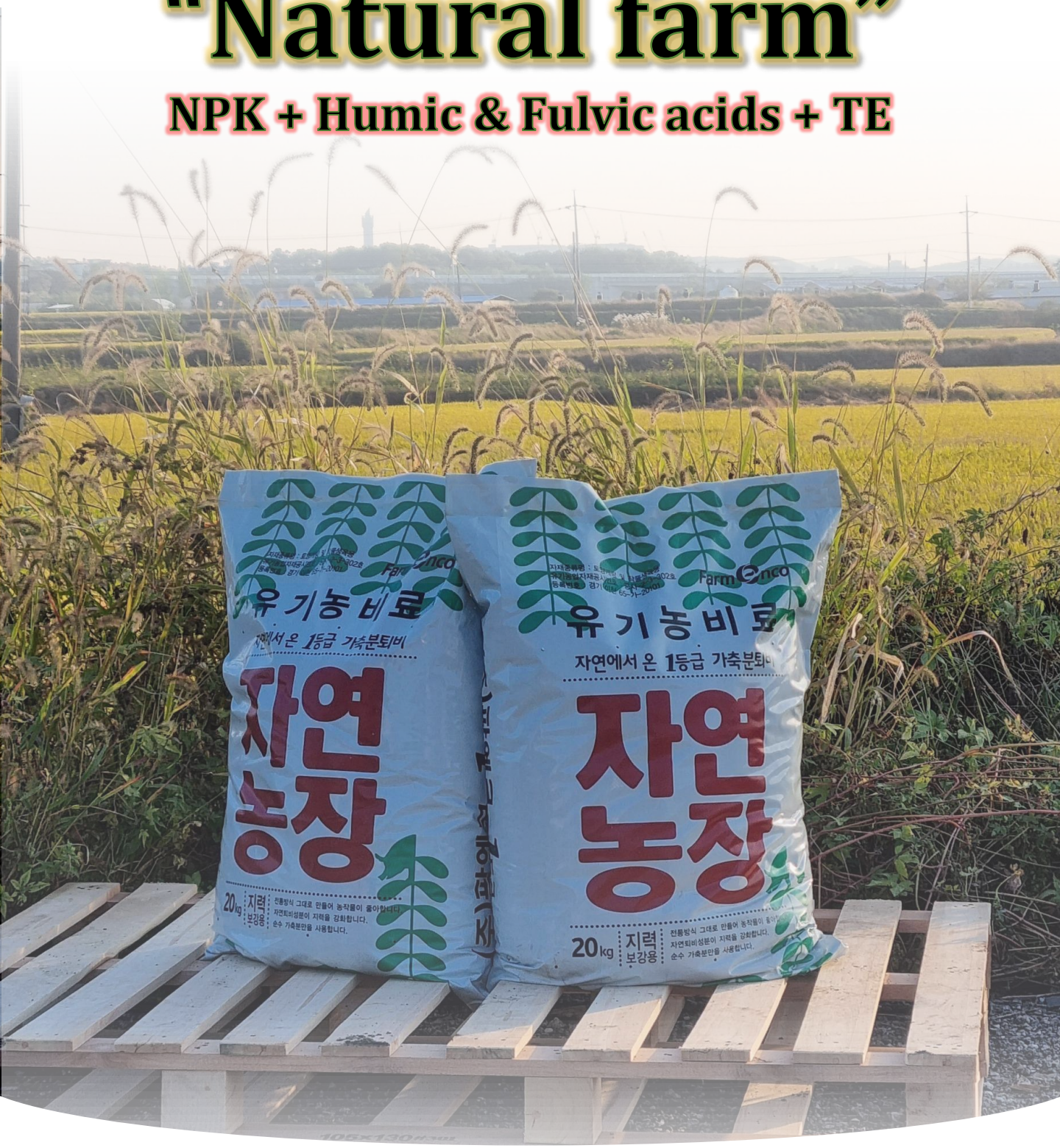
# Farmenco Organic Livestock Compost Fertilizer

Premium organic fertilizer produced from eco-friendly composted agricultural resources.
Certified by the Korean National Agricultural Product Quality Management Service (Grade 1).

# “Natural farm”

## NPK + Humic & Fulvic acids + TE




Farmenco

# 1. About us

**1. Credibility Backed by a Major Conglomerate**

Farmenco, a subsidiary of Harim Group(one of Korea's Top 30 business groups), specializes in eco-friendly technology and livestock manure composting within Harim's integrated system.

**2. Three Nationwide Production Plants**

We operate three livestock compost production plants located in Icheon, Anseong, and Nonsan. With an annual capacity of approximately 2 million bags (40,000 metric tons), we ensure stable year-round supply regardless of seasonality.

**3. On-Farm, Self-Processing Compost Model**

Based on our unique on-farm composting plant model, we provide integrated livestock solutions that encompass livestock, fertilizer, and environmental management.

**4. Comprehensive Eco-Friendly Services**

In addition to compost production, Farmenco offers compost spreading, construction of eco-friendly facilities, and consulting services for livestock farms, providing total environmental solutions.

**5. Export Readiness for Southeast Asia**

We are strengthening our role as a sustainable supply partner in Southeast Asian markets, including Vietnam. Our system supports tailored export services to meet buyers' needs in terms of quality, delivery time, and volume.

**6. Corporate-Level Quality and Technical Reliability**

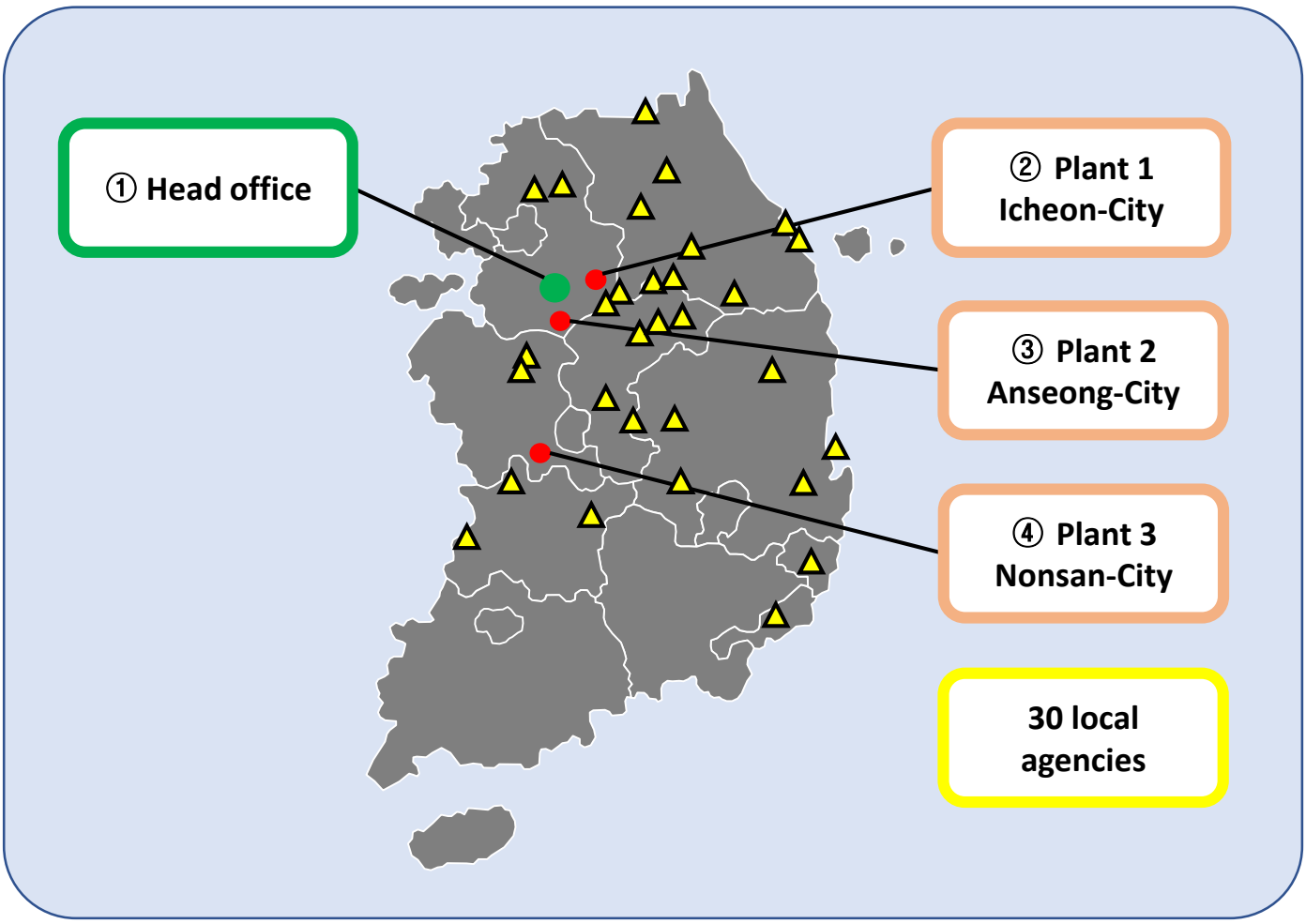
Leveraging the technological capabilities and quality management of a major conglomerate, Farmenco is well-positioned to respond reliably to diverse buyer demands.

| Harim Group | |
|---|---|
| CEO | Chairman Kim Hong-guk |
| business group position | Ranked 27th among Korean business groups by total assets |
| Business Areas | Animal Feed, Livestock Production, Meat Processing, |
| Major Affiliates | 45 affiliates including Pan Ocean, Farmsco, Sunjin. |

| Farmsco | |
|---|---|
| CEO | Kim Nam-wook |
| Annual Revenue | USD 1.68 billion |
| Business Areas | Animal Feed, Livestock Production, Meat Processing, and Global Agribusiness |
| Major Affiliates | Farmsco BioInti, Farmenco, multiple livestock farms |

| Farmenco | |
|---|---|
| CEO | Jo Jun-hui |
| Annual Revenue | USD 3.65 million |
| Major Affiliates | Fertilizer Production & Sales, Environmental Technology Services, Engineering & Construction |

# 2. Farmenco factories and local agency(in korea)




## ① Head office




| | |
|---|---|
| Location | 555, Jungbu-daero, Giheung-gu, Yongin-City |
| | Sales department, finance department, general office work |

## ③ Icheon factory



| | |
|---|---|
| Location | 140-81 Buheung-ro 81beon-gil, Icheon-City, Gyeonggi-do |
| production capacity | livestock compost 17,600 tons per year (880,000 bags) |

## ② Anseong factory



| | |
|---|---|
| Location | Samjuk-myeon, Anseong-City, Gyeonggi-do Bamgogae-gil 79-119 |
| production capacity | livestock compost 4,000 tons per year (200,000 bags) |

## ④ Nonsan factory



| | |
|---|---|
| Location | Yeonmu-eup, Nonsan-City, Chungcheongnam-do Mabong-ro 233 |
| production capacity | livestock compost 5,000 tons per year (250,000 bags) |

# 3. Product descriptions

### ◇ Features of FarmEnco Organic Fertilizer

1. Made from 100% pure livestock manure and natural, highly effective for crops.
2. Enhances soil fertility with natural organic nutrients.
3. Suitable for stable and uniform cultivation when applied properly.
4. Rich in humic and fulvic acids, it enhances nutrient absorption and soil fertility.
5. Stabilizes soil pH, reduces ammonia loss, and mitigates continuous cropping damage.
6. Increases organic matter content, helping crops withstand drought and heat.
7. Boosts soil biological activity, reducing the need for chemical fertilizers.
8. Rich in beneficial microorganisms due to complete fermentation.

### Bestseller – “Natural farm”(pellet or powder type)






- NPK
- humic & fulvic acids
- Organic Matter
- Beneficial microorganism
- TE

### Recommended Fertilizer Rates per Crop

(Unit: kg per 10a or 0.1 ha)

| Crop Type | Crop Names | Fertilizer Application Rate |
|---|---|---|
| Leafy Vegetables | Napa cabbage, lettuce, spinach, etc. | 300 - 500 |
| Root Vegetables | Chili pepper, garlic, onion, potato, radish, carrot, etc. | 300- 1000 |
| Fruit Vegetables | Strawberry, tomato, watermelon, melon, etc. | 1000 – 1500 |
| Fruit Trees | Apple, pear, peach, etc. | 200 – 500 |
| Industrial Crops | Ginseng, grains, rice etc. | 150 - 500 |

### Precautions for Use

1. Avoid direct sunlight and moisture during storage.
2. When mixing with homemade or other agricultural inputs, ensure sufficient re-fermentation before use.
3. When used as a basal fertilizer, mix well with soil and transplant after 7–15 days.
4. In greenhouses, till the soil deeply and apply the fertilizer three weeks before seeding.
5. Applying excessive amounts at once may release gas during decomposition, harming crop growth.
6. If you find foreign substances or quality issues during use, stop use immediately and contact our head office.

# 4. Product Features and Certification

## "Natural farm" Raw Material Composition Ratio

| Ingredient | Content (%) | Primary Function |
|---|---|---|
| Livestock manure | 55 | Provides essential nutrients such as NPK |
| Rice husk | 2 | Enhances soil aeration and drainage |
| Spent mushroom substrate | 3 | Activates beneficial microorganisms a nd increases microbial diversity in soil |
| Sawdust | 40 | Increases organic matter content, im proving soil structure and compost maturity |

## Key Nutrient Content / Contains at least 2 - 4 - 2

| Component | Result | Standard |
|---|---|---|
| **Organic Matter** (%) | 61.10 | ≥ 30% |
| **N** (Total Nitrogen) | 2.76 | - |
| **P** (Phosphorus, $P_2O_5$) | 4.40 | - |
| **K** (Potassium, $K_2O$) | 2.01 | - |
| Moisture (%) | 22.10 | ≤ 55% |
| C/N Ratio | 22.13 | ≤ 45 |
| Salinity (%) | 0.70 | ≤ 2.0 |

### ◇ Analysis by state agency certification

Vito Analysis center 비토분석센타(주)

Certificate of Analysis

| | | | | |
|---|---|---|---|---|
| Applicant | Name | Farmenco Co., Ltd. | | |
| | Address | 140-81, Buheung-ro 81beon-gil, Bubal-eup, Icheon-si, Gyeonggi-do, Korea | | |
| Date of Application | 26th November 2024 | Date of Report | 29th November 2024 | |
| Sample Description | Compost | No. of Sample | 2024-11-T548 | |

< TEST REPORT >

| Test Item(unit) | Result | Test Item(unit) | Result |
|---|---|---|---|
| Organic matter(%) | 61.10 | As(mg/kg)[Dry base] | Not detected |
| N(%) | 2.76 | Cd(mg/kg)[Dry base] | Not detected |
| $P_2O_5$(%) | 4.40 | Hg(mg/kg)[Dry base] | Not detected |
| $K_2O$(%) | 2.01 | Pb(mg/kg)[Dry base] | Not detected |
| OM/N | 22.13 | Cr(mg/kg)[Dry base] | 21.51 |
| Moisture(%) | 22.10 | Cu(mg/kg)[Dry base] | 220.53 |
| Maturity | Completion | Ni(mg/kg)[Dry base] | 6.36 |
| HCl insolube matter(%) | 2.18 | Zn(mg/kg)[Dry base] | 530.46 |
| NaCl(%)[Dry base] | 0.70 | Escherichiacoli O157:H7 | Not detected |
| - | - | | |
| - | - | Salmonella spp. | Not detected |

VITO Analysis Center

Address: 107, Jiwon-ro, Danwon-gu, Ansan-si, Gyeonggi-do, Korea TEL:+82-31-364-8181,FAX:+82-31-364-8185

### ◇ Certificate of Organic Agricultural Materials

■ 농림축산식품부 소관 친환경농어업 육성 및 유기식품 등의 관리·지원에 관한 법률 시행규칙 [별지 제36호서식]

공시번호: 제 공시-2-3-302 호

## 유기농업자재 공시서

1. 업체명: 농업회사법인 ㈜팜엔코
2. 대표자 성명: 조 준 희
3. 사업장 소재지: 경기도 용인시 기흥구 중부대로 555, 대경프라자 208호
4. 자재의 명칭: 가축분퇴비
5. 자재의 구분: 토양개량 및 작물생육용
6. 상표명: 자연농장
7. 주성분의 종류 및 함량: 유기물 30%
8. 원료 또는 재료의 종류 및 투입비율:
   톱밥 40%, 돈분 35%, 계분 20%, 버섯폐배지 3%, 왕겨 2%
9. 유효기간: 2025. 05. 26. ~ 2028. 05. 25.
10. 제조장 주소: 경기도 이천시 부발읍 부흥로81번길 140-81
11. 최초 공시일: 2016. 05. 26.
12. 효능·효과: [ ] 표시제품, [O] 미표시제품

「친환경농어업 육성 및 유기식품 등의 관리·지원에 관한 법률」 제38조제2항 및 「농림축산식품부 소관 친환경농어업 육성 및 유기식품 등의 관리·지원에 관한 법률 시행규칙」 제63조제3항에 따라 위와 같이 유기농업자재 공시임을 증명합니다.

2025년 05월 22일

강원대학교 산학협력단장

210㎜×297㎜[백상지 150g/㎡]

# 5. Fertiltzer production facilities



◇ **FEATURES of production and quality control**

**1. Modernized production plants and lines**

- Automatic weighing, packaging and sealing
- Labor saving and efficiency improvement
- Product uniformity and hygiene improvement
- Vertical facility structure to maximize space efficiency
- Continuous production possible by shortening fermentation time
- Realizing eco-friendly operation by reducing odor and pests



**2. Excellent fertilizer ingredients and certifications.**

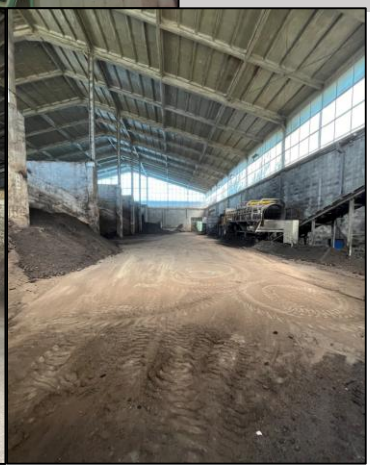
- Analysis report from the Korea National Certification Center
- Contains more than **60% organic matter**
- **NPK: 2.7 - 4.4 - 2.0**
- Compost highly suitable for plant growth
- Nationally certified organic agricultural materials registration (no antibiotics, pesticides, or harmful ingredients)



**3. Vertical high-speed fermentation tank**

- Shortening composting time, automatic temperature and humidity control
- Maximum activation of beneficial bacteria for 15 days at a high temperature of 70℃ or higher.
- Forced ventilation reduces odors and completely removes pathogenic microorganisms and weed seeds
- Securing high-quality fertilizer and stable supply





**4. Large field space and a mass supply system**

- High-capacity curing facilities and automated lines ensure a steady supply of hundreds of thousands of compost bags every year.
- Long, controlled curing produces premium, fully matured compost with consistent quality.
- Weather-proof indoor systems guarantee stable, year-round production and on-time delivery.

# 6. Fertilizer production process




### ◇ Detailed Product Manufacturing Process

| | |
|---|---|
| **Raw Material Input** | **Feed raw materials into the composter at the designated mixing ratio.**(Livestock manure 55%, agricultural by products 45%) |
| **Main Fermentation** | **Ferment in the composter for 15 days (approximately one rotation per hour).** |
| **Ripening (Maturation)** | **transfer the fermented material to the ripening room. Ripen for approximately 60 days, stirring with a wheel loader every 15 days.** |
| **Primary Sorting** | **Magnetic sorting to remove metallic foreign substances.** |
| **Secondary Sorting** | **Trommel Screening (Removal of large-sized impurities)** |
| **Packaging** | **Packaging is done using automatic machinery. 20kg, 80 bags per pallet, 600–1,000 kg per ton bag.** |
| **Shipment** | **Domestic container transportation and marine shipment via 20ft or 40ft containers.** |

## ※ Contact Information Other contents

### ◇ Official Website homepage access guide

Domain Address : https://farmsco.com/

### ◇ Import and Purchase Inquiry Guide

1. Domain Address : https://open.kakao.com/o/spNyYQEh
2. Search "Farmenco" in KakaoTalk Open Chat.
3. QR Code KakaoTalk Inquiry Chatroom Link →

### ◇ Sales Manager Information



| Name | Kim Young-joon |
|---|---|
| Position | Fertilizer Sales Team/Sales Director |
| Phone number | +82 10-7373-4231 |
| Email | kimyj@farmsco.com |



| Name | Kang Min-chan |
|---|---|
| Position | Fertilizer Sales Team/Sales Manager |
| Phone number | +82 10-2434-8746 |
| Email | kmc0259@farmsco.com |


**Farmenco, an agricultural corporation**

**Head Office:** #208, 555 Jungbu-daero, Yongin-si, Gyeonggi-do
**Icheon factory:** 140-81, Buheung-ro 81beon-gil, Bubal-eup, Icheon-si
**Anseong factory :** 79-111, Bambogae-gil, Samjuk-myeon, Anseong-si
**Nonsan factory :** 233, Mabong-ro, Yeonmu-eup, Nonsan-si

TEL : +82 31)548-1255 FAX : +82 31)548-1277