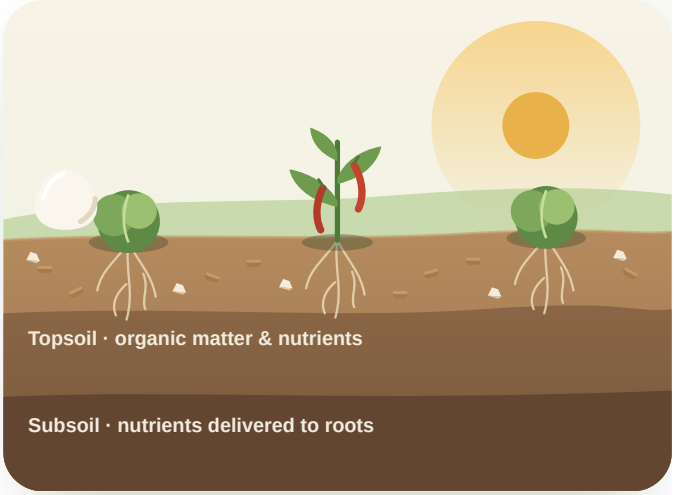
MAEILBIO SOLUTIONS
MAEILBIO SOLUTIONS

Direct supply from our own farms

Nothing goes to waste. A handful of manure revives the soil.

MAEILBIO SOLUTIONS transforms poultry manure and eggshell from Maeil Egg Farm into high-value organic fertilizers, creating a circular agricultural system.

- Own-farm sourcing
- Registered fertilizer
- Listed organic input



About MAEILBIO SOLUTIONS

A story of healthy soil that began on an egg farm

> **We do not treat livestock waste as waste. We turn it into a resource that connects the beginning and the end of agriculture.**

MAEILBIO SOLUTIONS produces eco-friendly organic fertilizers by recycling poultry manure generated from Maeil Egg Farm. We use low-nitrogen (low-carbon) feed to ensure environmentally responsible production.

Direct sourcing

Raw material comes straight from our own laying-hen farms in Namwon, with clear traceability.

Large, stable supply

Bulk and 20kg bags for consistent, large-scale supply to farms and distributors.

Listed organic input

Our processed manure is officially listed as an organic agricultural material under Korea's Environment-friendly Agriculture Act (No. 2-3-950).

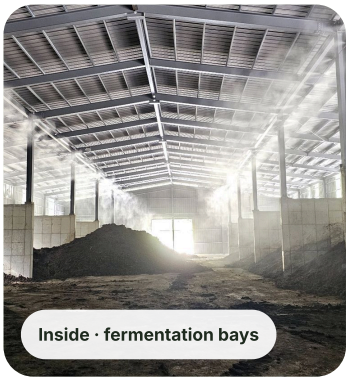
Production site

Namwon, Jeonbuk State — where we make our fertilizer

Manure from Maeil Egg Farm is brought to this composting facility, where it is fermented and dried into fertilizer. Site visits are always welcome.



Composting facility · Namwon, Jeonbuk State



Inside · fermentation bays



Inside · curing area

Our production process

A cycle that connects the start and end of farming

From the feed our hens eat to the fertilizer on your field — one continuous loop.



1. **Low-carbon feed**
   Our hens are fed low-nitrogen, low-carbon feed.
2. **Collection**
   Manure and eggshell are collected directly from our farms.
3. **Fermentation & drying**
   Moisture is reduced to minimise odor and decay.
4. **Pelleting & milling**
   Uniform granules; eggshell is milled into fine powder.
5. **Packing & shipping**
   Supplied in 20kg bags or bulk, at home and abroad.

Product portfolio

Three products, one principle



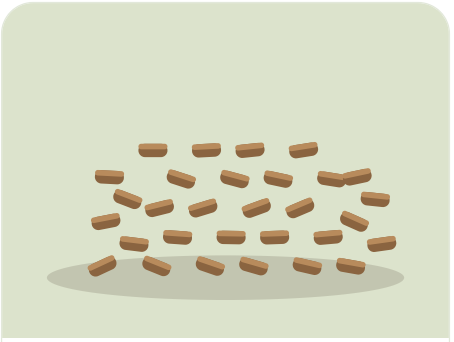
Powder

Dried Poultry Manure

"Stable nutrient source processed through fermentation and drying"

- Rich in organic matter, nitrogen and phosphorus
- Minimised odor and decay
- Ideal for large-scale, eco-friendly farming

20kg bag | Bulk



Pellet · Listed organic input

Processed Poultry Manure

"Easy application, uniform granules"

- Uniform size → easier spreading
- Minimised odor and decay
- Ideal for large-scale, eco-friendly farming

Registered fertilizer and officially listed organic agricultural material in Korea (No. 2-3-950).

20kg bag | Bulk

Eggshell powder

Eggshell Calcium

"Nutrients delivered directly to roots"

- Adjusts soil pH and enhances root development
- Over 90% calcium carbonate content
- Small and bulk packaging negotiable

20kg bag | Bulk

※ Packaging units are negotiable. Export is available in 20kg bags only; MOQ negotiable.

Organic input listing

Quality confirmed by official listing

MAEILBIO processed manure · guaranteed content

2.0%	2.0%	2.0%	30%
Total nitrogen	Total phosphate	Total potash	Organic matter

Listing No.	**2-3-950**
Listing body	**Kangwon National University Industry-Academic Cooperation Foundation**
Valid	**30 Oct 2025 – 29 Oct 2028**
Fertilizer reg.	**Jeonbuk Namwon 006-ga-20213**
Category	**Soil improvement and crop growth**
Listed crops	**Eggplant · Chili pepper · Perilla · Cabbage · Lettuce (14 days before planting, 300kg/10a, mixed into soil)**

The listing applies to processed manure (pellet). Details for dried manure and eggshell calcium are available on request.

View listing certificate (PDF, Korean)



Dried vs processed manure

Category	Dried manure	Processed manure
Form	Powder	Pellet
Usage	Organic fertilizer material	Organic fertilizer
Handling	Moderate	High
Transport	Excellent	Excellent
Package	Bulk / bag	20kg bag

Suitable crops & how to use

From vegetable fields to plantations

Vegetables · listed crops

Eggplant · Chili pepper · Perilla · Cabbage · Lettuce

Staple crops

Potato · Corn · Rice

Tropical & plantation

Banana · Mango · Papaya · Durian · Dragon fruit · Coconut

Before planting (soil treatment)

3,000kg
per hectare (= 300kg/10a)

14–21 days
before planting

- Apply evenly after plowing
- Mix evenly into topsoil

After planting (canopy fertilization)

15–30cm
from roots, based on canopy

3–5kg
per plant

- Apply before rainy season or at early growth stage
- Water after application or utilise rainfall

Partner with us

Soil Recovery Solution from South Korea

We are looking for distributors, importers and long-term partners worldwide, supplying dried and processed manure to tropical and plantation regions including Vietnam.

- Direct sourcing from our own farms
- Consistent, large-scale supply capability
- Officially listed organic input in Korea (processed manure)

Export terms

Packaging	**20kg bags**
MOQ	**Negotiable**
Products	**Powder · Pellet · Eggshell calcium**
Origin	**Namwon, Jeonbuk, South Korea**
Languages	**한국어 · English · Tiếng Việt**

Contact

Start with MAEILBIO SOLUTIONS

Leave your enquiry about purchase, quotes, packaging or partnership and we will get back to you.

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