주식회사 농 비
NONGBI Co.,Ltd.

PRODUCT BROCHURE

# DIG GOLD

TYPE IV COMPOUND FERTILIZER · FOLIAR APPLICATION

## Well-balanced nutrition for crops

A Type IV compound fertilizer that supplies crop nutrients using animal-derived amino acids and a natural enzyme blend.




Supporting nutrition and growth

500 mL · 1 L · 4 L

NONGBI

# Balanced nutrition & Thoughtful crop care

## Five product highlights

Animal-derived amino acids and natural enzymes support an approach that considers both nutrition and soil conditions.

| | |
|---|---|
| **Microbial blends** | Uses in-house cultures and microbial blends including Bacillus species. |
| **Nutrient cycling** | Considers decomposition, phosphate solubilization and nitrogen cycling. |
| **Root vitality** | Uses root-associated microorganisms and metabolites to support the root environment. |
| **Soil conditions** | Uses microorganisms involved in decomposition and soil aggregation. |
| **Growth-support ingredients** | Uses naturally derived auxins, animal-derived amino acids, wood vinegar, humus-like materials and macro- and micronutrients. |

## Manufacturer’s guaranteed analysis

**5%**
Total nitrogen

**2%**
Water-soluble phosphate

**4%**
Water-soluble potash

Water-soluble boron 0.05%

Water-soluble molybdenum 0.0005%

Fertilizer category Type IV compound fertilizer (for foliar application)

Other component 18 types of amino acids

Fertilizer manufacturing registration Ulsan Nam 020-Ga-10404

Net contents As marked on each pack

Guaranteed nutrient content as stated on the product label.

## Living soil

Microorganisms break down organic matter, cycle nutrients and shape the root environment. Nongbi considers both microbial diversity and the soil conditions that support it.

## General dilution and repeat use

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|---|---|
| **General dilution** | Young seedlings: 1,000-fold · Mature trees: 500-fold. Adjust to growth condition. |
| **Repeat application** | Repeat every 7–10 days according to crop condition. |

**Soil testing → Nutrition → Microbial environment → Root vitality → Crop growth**

Crop nutrition and soil life considered together.

# For each crop and growth stage

## Drench · Foliar spray · Soaking

| | |
|---|---|
| **Soil drench / foliar spray** | 1 L of product per 1,000 m² · General dilution: 500-fold. |
| **Seed / planting-material soak** | Rice, soybean, maize, garlic, ginger, potato and sweet potato: soak in a 100–200-fold dilution for about 30 minutes before planting. |
| **Seedling dip** | Roots only: 200-fold · Whole seedlings: 1,000-fold. |

Seedling dipping: onion, green onion, maize and pepper. Seed soaking also covers sorghum. Follow the product label and manufacturer's guidance.

## Application guide for crops

| Crops | Product | Count | Timing |
|---|---|---|---|
| Garlic chives · Napa cabbage · Lettuce · Water dropwort · Gondeure greens · Chwinamul greens | **1 L** | **4–5 applications** | From early growth to harvest |
| Pepper · Strawberry · Cucumber · Watermelon · Korean melon · Tomato · Melon · Squash | **1 L** | **7–8 applications** | Early growth · Flowering · At each harvest |
| Persimmon · Mandarins · Apple · Pear · Grape · Japanese apricot · Blueberry | **1 L** | **4–5; persimmon 2–3** | From early growth until 30 days before harvest / Avoid application during flowering whenever possible. |
| Green onion · Onion · Garlic · Potato · Sweet potato · Carrot · Radish · Turmeric | **1 L** | **2–3 applications** | From 10 days after transplanting throughout the growing period |
| Rice · Barley · Wheat · Maize · Soybean · Adzuki bean · Foxtail millet · Sorghum | **1.5 L** | **2–3 applications** | Early growth · Flowering · 10 days after flowering |
| Goji berry · Sesame · Perilla · Rapeseed · Peanut · Peony · Astragalus | **1 L** | **2–3 applications** | From 10 days after transplanting throughout the growing period |
| Ginseng · Deodeok · Yam · Ginger | **1 L** | **Consult for crop conditions** | From 10 days after planting out |
| Bamboo · Pine · Turfgrass | **1 L** | **Consult for crop conditions** | Throughout the growing period |

Per 1,000 m² · Dilute 500–1,000-fold. Amounts refer to undiluted product.

DIG GOLD

# Renewing resources Nurturing life

Product category

**Type 4 compound fertilizer (for foliar application)**

**Covered by product liability insurance**

Guaranteed analysis

**Total nitrogen 5%** **Water-soluble phosphate 2%**
**Water-soluble potash 4%** **Water-soluble boron 0.05%**
**Water-soluble molybdenum 0.0005%**

Nonghyup contract product codes (barcodes)

| | |
|---|---|
| 500 mL | 880030780035 |
| 1,000 mL | 880030780042 |
| 4,000 mL | 880030780059 |

## Precautions

Follow standard rates for your cultivar and growing conditions. Check compatibility before mixing with pesticides. Shake 2–3 times to disperse sediment before use.

## Grower observations

**Cucumber (Uiseong, Korea)**

After cold injury, a 1,000-fold dilution was mixed with the existing nutrient solution and applied once a week for three weeks. The grower observed renewed root vitality and a subsequent normal harvest.

**Onion · Potato (Sangju, Korea)**

Reduced aphid occurrence was observed during a field trial without separate pesticide treatment.

**Various crops**

Growers reported improved leaf and root vitality and crop condition after drench or foliar application at 500–1,000-fold dilution.

Grower observations from Nongbi product use; individual products were not identified. These are not controlled efficacy trials. Results vary with growing conditions.



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