



BIOLOGICAL ORGANIC BIOTEC AGENTS

BIOLOGICAL AGENT	BEVA-GEM
NATURAL ACTIVE FUNGUS	BEUVERIA BASSIANA
<p>BEVA-GEM is a natural alternative in controlling the disease' causes of plant-disturbing organisms.</p>	

PLANTS	TARGET DISEASE
Plantation	Borers
Corn, Tobacco	Heliocoverpa Armigera
Horticulture, Ricefield	Grasshoppers, Brown Planthopper

USAGE	
SEEDBED	100g BEVA-GEM mixed with 25kg of fertile soil
PRE-PLANTING	100g BEVA-GEM mixed with 50kg of fertile soil
MAINTENANCE	10g BEVA-GEM mixed with 15 liter of water to be sprayed

BIOLOGICAL AGENT	METHA-GEM
NATURAL ACTIVE FUNGUS	METARRHIZIUM ANISOPLIAE
<p>METHA-GEM is a natural alternative in controlling the disease' causes of plant-disturbing organisms.</p>	

PLANTS	TARGET DISEASE
Plantation	Wangwung
Corn, Tobacco	Heliocoverpa Armigera
Horticulture, Ricefield	Grasshoppers, Brown Planthopper

USAGE	
SEEDBED	100g METHA-GEM mixed with 25kg of fertile soil
PRE-PLANTING	100g METHA-GEM mixed with 50kg of fertile soil
MAINTENANCE	10g METHA-GEM mixed with 15 liter of water to be sprayed

BIOLOGICAL AGENT	TRICHO-GEM
NATURAL ACTIVE FUNGUS	TRICHODERMA (antagonist to GLIOCLADIUM sp.)
<p>THRICO-GEM is a natural alternative in controlling the cause of withered / wriggled out / intoxicated horticultural plants caused by soil-borne pathogens.</p>	

PLANTS	TARGET DISEASE
Chili, Eggplant, Tobacco, Tomatoe, Patatoe, Melon, Watermelon, Cucumber, Pumpkin etc.	Fusarium, Phytum, Plasmodhiophira, Pseudomonas, Phytophthora spicies, Rhizoctonia
Kobis, Greens, Salads	Plasmodhiophira species, Brassicaea (double root)

USAGE	
SEEDBED	100g TRICHO-GEM mixed with 25kg of fertile soil
PRE-PLANTING	100g TRICHO-GEM mixed with 50kg of fertile soil
MAINTENANCE	10g TRICHO-GEM mixed with 15 liter of water to be sprayed

Produced by CV. Pendawa Kencana in Yogyakarta, Central Java, Indonesia



PROFEED LIVESTOCK - ORGANIC PROBIOTIC

DESCRIPTION

PROFEED is a beneficial mix of micro-organisms for livestock growth and production. Micro-organisms consist of several superior microbe strains including: proteolytic, lignolytic, cellulotic, amylolytic, lipolytic, etc. Most of it consists of photosynthetic bacteria (*Rhodospseudomonas* species), lactic acid bacteria (*Lactobacillus* sp.), yeast etc.

PROFEED is made of pure natural ingredients with no chemical content, so it is very safe for livestock consumption. **PROFEED** can be used through feed, drinking water or for forage fermentation (straw) to increase feed's nutritional value.

FUNCTION

PROFEED is suitable for any cattle: cow, buffalo, goat, mutton, and for rabbit, chicken, duck, birds etc.

PROFEED

- Helps digestion and absorption of feed ingredients
- Improve feed quality and animal's health
- Reduce mortality
- Enhance livestock's production
- Reduce feed conversion levels
- Prevent feces from smelling
- Reduce amount of flies in the stable

USAGE		
Livestock	Qty / Ton of Feed	Application
Cow, buffalo, goat, mutton	5 litre	Mix PROFEED every day with the concentrate feed or with the drinking water
Poultry, rabbit, duck, domestic animals, fish etc.	2,5 litre	
Forage fermentation (straw)	3 litre + 1 kg Urea	Form layers of around 30cm, then sprinkle them with PROFEED mixed with enough water and leave it for 7 days

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PROPUNIC WASTE TREATMENT - ORGANIC PROBIOTIC

DESCRIPTION

PROPUNIC is a beneficial mix of micro-organisms for any kind of biological waste treatment: black and grey waters for human household, cattle and other animals, agro-industry, textile and other natural product processing factories.

Biological wastes are also jeopardizing the environment if not processed so they can be used again to the benefit of all.

PROPUNIC accelerates the waste's treatment by making them reusable wherever they end up, shall it be as a fertilizer in your garden.

PROPUNIC is a 100% natural and organic processing product.

FUNCTION AND COMPOSITION

PROPUNIC function:

- Eliminates unpleasant odors from stables, livestock droppings and any kind of septic tanks
- Helps faster decomposition of organic wastes
- Activator for making organic fertilizer

PROFEED mainly contains photosynthetic bacteria (*Rhodospseudomonas* species) lactic acid bacteria (*Lactobacillus* sp.), yeast, etc., which act as a proteolytic, lignolytic, cellulotic, amylolytic, lipolytic, decomposing sulfur, phosphate solvent, and nitrogen enhancer.

USAGE		
Destination	Qty	Application
Central waste water treatment station	1 litre	For a sewage tank of 100 m ²
Household septic tank	Fit to tank size	Straight into toilet drain hole (better at night)
Produce organic fertilizer	1 litre	For 500kg of raw organic material

Produced by CV. Pendawa Kencana in Yogyakarta, Central Java, Indonesia



PROQUATIC FISHERY - ORGANIC PROBIOTIC

DESCRIPTION
<p>PROQUATIC is a natural culture of beneficial micro-organisms, useful for improving the quality of pond's waters and for increasing fish and shrimp production.</p> <p>PROQUATIC micro-organisms consist of several superior strains including: proteolytic, lignolytic, cellulotic, amylolytic, lipolytic MICROBS, sulfur and phosphate decomposers, etc.</p> <p>Most of it comes from photosynthetic bacteria, lactic acid bacteria (<i>Lactobacillus</i> species), actinomycetes sp., streptomycetes sp. and yeast.</p>

FUNCTION
<p>PROQUATIC</p> <ul style="list-style-type: none"> - Improve the quality of any fishpond water - Decompose food scraps, fish and shrimp droppings into useful organic compounds - Suppress pathogenic micro organisms - Increase the quality and quantity of fish and shrimp production - Suppress pests and diseases in ponds

USAGE		
Process stage	Qty	Application
Pengolahan dasar tambak	1,5 - 2 ton	Compossap atau pupuk organik padat, per hektar
Sebelum bibit ikan dan udang ditebarkan	4 - 6 liter	Per hektar, disiram dan biarkan selama 2 minggu
Setelah bibit ikan dan udang ditebarkan	16 liter	Per hektar, sebulan sekali

Produced by CV. Pendawa Kencana in Yogyakarta, Central Java, Indonesia



POWERFUL ORGANIC PESTICIDE

DESCRIPTION
<p>PESTISIDA ORGANIK AMPUH is a pure organic pesticide that is proven effective in eradicating pests and diseases in a safe and environmentally friendly way, without any negative side effects.</p>

COMPOSITION
<p>PESTISIDA ORGANIK AMPUH contains various types of organic plants such as imba leaves, tobacco and various other natural repellent plants that are very effective when used to prevent pest and any kind of diseases.</p>

USAGE		
Destination	Lids Qty	Application
Vegetables	4 / 14l of water	Spray on all parts of the plant mornings / evenings
Tuber plants	5 / 14l of water	Spray on all plants and soil around the plant
Fruit trees and ricefields	5 / 14l of water	Spray all over the trees and growing field

Produced by CV. Pendawa Kencana in Yogyakarta, Central Java, Indonesia



ORGANIC SEED / SPROUT FERTILIZER (PERTUMBUHAN TUNAS / BIJI)

DESCRIPTION
<p>PERTUMBUHAN TUNAS / BIJI is derived from high-quality organic materials, processed by the decomposing effect of bacteria, and is the best natural growth stimulator for seeds and sprouts compared to artificial fertilizers.</p> <p>PERTUMBUHAN TUNAS / BIJI has a comprehensive nutrient content, including chlorophyll and humic acid, specifically good for stimulating growth and enhancing soil nutrients.</p>

COMPOSITION
<p>PERTUMBUHAN TUNAS / BIJI</p> <ul style="list-style-type: none"> - Stimulates and accelerates root growth, length, fibers and strength - Contains comprehensive hormone stimulants maximizing sprout growth. - Stimulates the healing process of wounds on plant stems or wounds caused by pest bites <p>CHEMICAL ANALYSIS: Auxin (150.89 ppm), Cytokinin (90.33ppm), Gibberellin (80.00ppm), Ethylene (200.31ppm), Traumatic Acid (250.43ppm), Humic Acid (300.32ppm), Chlorophyll (400.98ppm), Macro-micro elements</p>

USAGE		
Destination	Lids Qty	Application
Rice, hard skin Seeds	1 / 1 litre air	Soak the seeds for 12h. (at night) before planting. Spray with mixed water
Cane, Vegetables, soft skin Seeds	1 / 1 litre air	Soak the seeds for 1h. (at night) before planting. Spray with mixed water
Fertilizer early growth	1 / 1 litre air	Spray with mixed water

Produced by CV. Pendawa Kencana in Yogyakarta, Central Java, Indonesia



ORGANIC GROWING FERTILIZER (PERTUMBUHAN)

DESCRIPTION
<p>PERTUMBUHAN is derived from high-quality organic materials, processed by the decomposition effect of bacteria, and is the best plant's natural growth stimulator compared to artificial fertilizers.</p> <p>PERTUMBUHAN has a comprehensive nutrient content, including chlorophyll, specifically good for stimulating growth of any kind of plant.</p>

COMPOSITION
<p>PERTUMBUHAN</p> <ul style="list-style-type: none"> - Contains comprehensive hormone stimulants maximizing plant's growth. - Stimulates and accelerate root growth, length, fibers and strength - Stimulates the healing process of wounds on plant stems or wounds caused by pest bites, and the quick growth of any kind of plants in an effective way <p>CHEMICAL ANALYSIS: Auxin 150ppm, Cytokinin 140ppm, Gibberellin 50ppm, Ethylene 60ppm, Traumalin Acid 213ppm, Humid Acid 350ppm, Chlorophyll 150ppm</p>

USAGE		
Destination	Lids Qty	Application
Rice, Vegetables, Perennials sprout	10 / 14 litre air	Spray on all parts of the plants morning / evening
Tuber plants Large perennials	12 / 14 litre air	Spray on all parts of the plants and on soil around morning / evening
To obtain maximal results, spray the plants once a week		

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ORGANIC HATCHING FERTILIZER (PEMBUNGAAN DAN PEMBUAHAN)

DESCRIPTION
<p>PEMBUNGAAN DAN PEMBUAHAN is derived from high-quality organic materials, processed by the decomposition effect of bacteria, and is the best hatching, flowering and fruiting natural stimulator compared to artificial fertilizers.</p> <p>PEMBUNGAAN DAN PEMBUAHAN has a comprehensive nutrient content, including chlorophyll, specifically good for stimulating hatching of flowers, fruits and vegetables.</p>

COMPOSITION
<p>PEMBUNGAAN DAN PEMBUAHAN</p> <ul style="list-style-type: none"> - Contains comprehensive hormone stimulants maximizing plant's growth, flowering and fruiting - Stimulates the healing process of wounds on plant stems or wounds caused by pest bites, and the quick growth of any kind of vegetable or fruit <p>CHEMICAL ANALYSIS: Auxin 100.55ppm, Cytokinin 90.33ppm, Gibberellin 150.5ppm, Ethylene 170ppm, Traumalin Acid 213ppm, Humid Acid 350ppm, Chlorophyll 150ppm</p>

USAGE		
Destination	Lids Qty	Application
Vegetables, Tuber plants	4-5 / 14 litre air	Spray on all parts of the plants and on soil around morning / evening
Fruit trees, Cane, Palm tree	1 / 1 litre air	
To obtain maximal results, spray the plants once a week		

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