



MARUMI GOLD

ENZYME FERMENTED EXTRACT

GOOD LIFE PLANNING.,LTD.

What is Marumi Gold

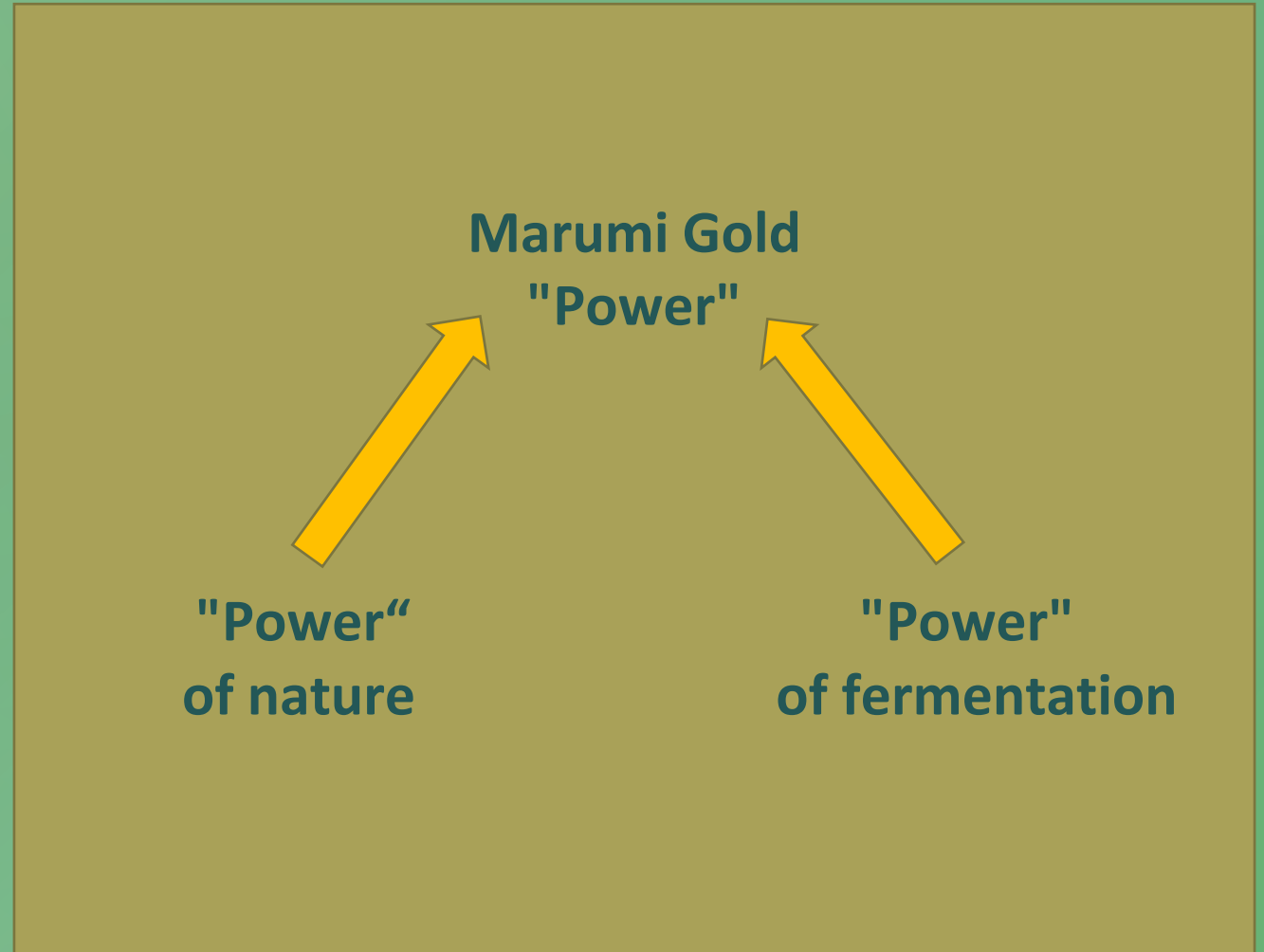
Marumi Gold uses several types of grains such as rice bran, corn, and wheat as its main raw materials, and is fermented and aged for over a year and a half in an environment where temperature and humidity are strictly controlled. At the end, the condition is determined by the eyes of a skilled craftsman, and the extract is finally inspected before being delivered to the customer.

Marumi Gold is a fermented extract that contains more than 20 types of minerals required by living organisms and enhances the ecological functions of plants and animals. It contains a large amount of effective ingredients that activate the ecosystem, and is currently used for various purposes such as promoting the growth of animals and plants, boosting immunity, and purifying dirty environments.

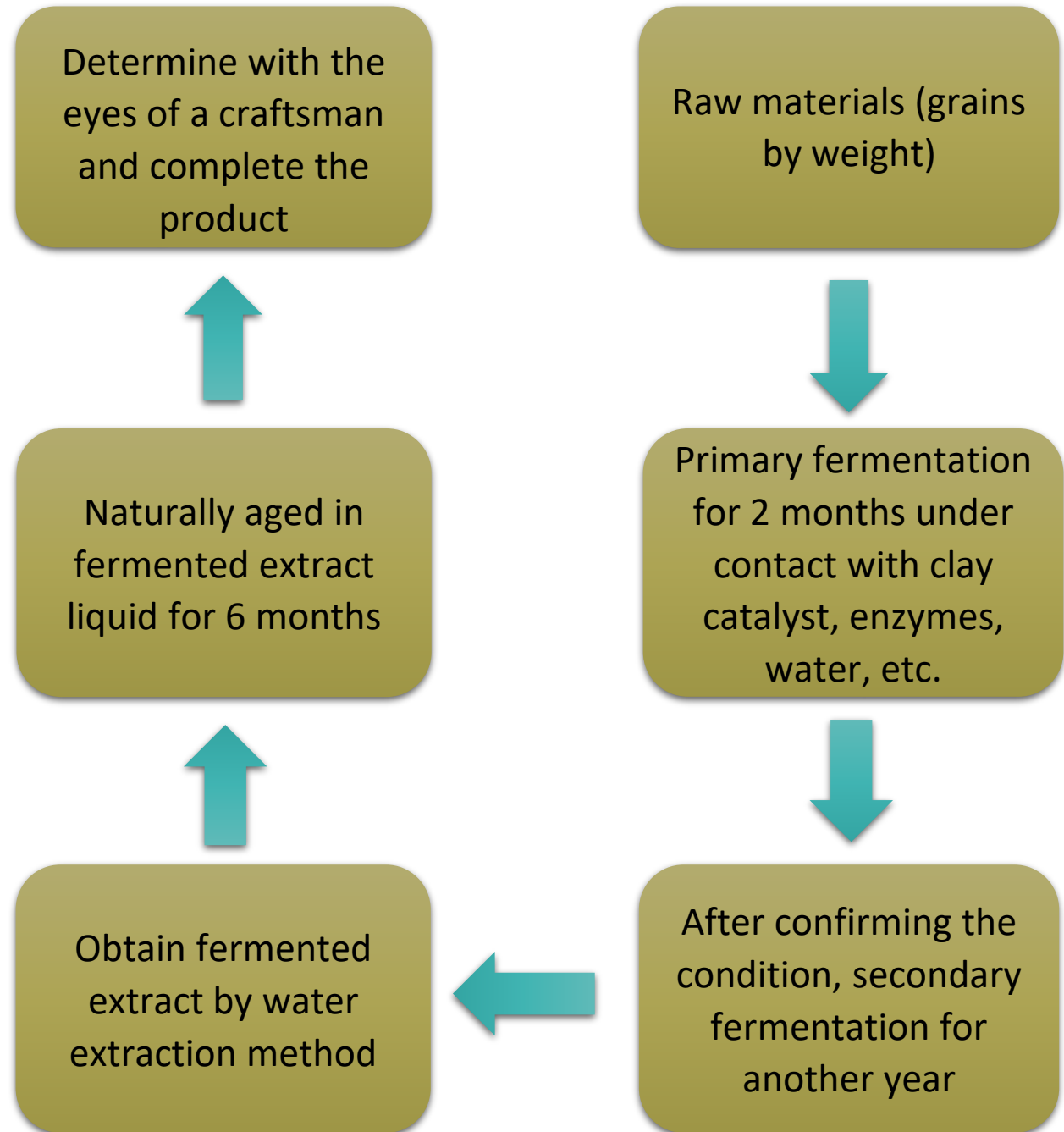


TECHNICAL DESCRIPTION

This product is obtained from organic substances or organic compounds in contact with naturally occurring microorganisms, clay catalysts, enzymes, water, etc., and has the action and effect of improving biological systems and functions of biological systems. It is a new enzyme fermented extract that can restore the deteriorated living environment and biological functions to the normal environment and functions.



MANUFACTURING PROCESS



Use of Marumi Gold

Use in the agricultural field

Modern agriculture has achieved some success by increasing yields by using pesticides and fertilizers. On the other hand, it has been found that excessive use of chemical materials such as pesticides and fertilizers causes problems of continuous cropping disorders and new pests, and environmental pollution becomes a problem and affects biodiversity and human health. When sprayed on the soil, Marumi Gold activates and diversifies the microorganisms in the soil, enriching the soil ecosystem. As a result, plants grow soundly, the outbreak of pests is suppressed, and high-quality crops can be produced. Of course, since it is a fermented natural plant extract, it is environmentally friendly and has no effect on human health.



☆ Soil improvement

With Marumi Gold, microorganisms in the soil are activated and diversified. The result is a richer soil ecosystem and a softer soil. It also improves soil water retention and fertility. Furthermore, the physical and chemical properties of the soil are improved, and damage to salts can be suppressed.



☆ Growth promotion

With Marumi Gold, nutrient absorption from the roots of the plant is increased, and the rooting and root tension of the plant are improved. In addition, by spraying on the foliage, stoma opens and photosynthesis increases, and the plant grows into a bright dark green plant.



☆ Harvest improvement

The use of Marumi Gold results in healthy plant growth, resulting in higher yields, longer harvest times and improved crop quality. This clear growth promotion and yield increase effect has been confirmed nationwide, including in Hokkaido.



STANDARD USE EXAMPLE IN THE AGRICULTURAL FIELD

- Soil improvement: Dilute the stock solution 2000 times and spray it at 500ml / m²
- Foliar spray: Dilute the stock solution 5000 times and spray directly on the foliage.
- Seeds: Dilute the stock solution 200 to 300 times, soak it in the diluted solution for about 12 hours, and then sow.



Note : The frequency of application varies depending on the type and season of crops and plants. (Refer to the table on the right)

Note: Be sure to dilute the stock solution in advance before use. Use the diluted solution within 3 days after 1 hour or more has passed since it was diluted.

Fruit vegetables such as tomatoes, eggplants, cucumbers and green peppers	Spray on the soil 2-3 times before planting
	Soak seeds for 12 hours
	Soil spraying 1 to 3 times a month when planting seedlings
	Spray on soil and foliage twice a month during growing
Leafy vegetables such as Chinese cabbage, spinach, lettuce, garland chrysanthemum, and mizuna	Spray on the soil 2-3 times before planting
	Soil spraying 3 times a month when planting seedlings
	Spray on soil and foliage twice a month before harvest
Root vegetables such as radishes, potatoes, burdock roots, carrots, etc.	Spray on the soil 2-3 times before planting
	Soak the seed potatoes for about 30 minutes
	Spray on soil and foliage once a month before harvest
Wild grasses, foliage plants, turf, etc.	Spray on soil and foliage once a week throughout the year
	A little more spraying from spring to autumn growing season
Flowers such as rose, chrysanthemum, lavender, camellia, geranium, etc.	Spray 2-3 times on the soil before planting
	Soak seeds for 12 hours
	Spray once a week at the time of seedling planting 3 times
	Spray on soil and foliage once a month during growing
Bulbs such as daffodils, lilies, tulips and anemones	Spray 2-3 times on soil before planting
	Soak the seed bulbs for about 30 minutes
	Spray on soil and foliage once a month before harvest
Bonsai	Spray on soil and foliage once a week throughout the year

Use in the livestock field

In the livestock industry, maintaining the health of livestock, reducing the occurrence of diseases, and taking measures against bad odors are major issues.

The various mineral components contained in Marumi Gold improve the microbial environment present in livestock, livestock and poultry. By mixing livestock and poultry feed with round gold, the intestinal environment of livestock and poultry can be adjusted and effects such as disease prevention can be brought out. In addition, by spraying it in the barn, it is possible to suppress bad odors and improve the hygienic environment of livestock and poultry.



☆ Healthy growth of livestock

By regularly feeding Marumi Gold to livestock food and drinking water, it is possible to improve the intestinal microbial environment of livestock and maintain the health of livestock. In the case of pig farming, the intestinal environment is adjusted by using Marumi Gold, which reduces the incidence of diarrhea, reduces the incidence of illness and mortality, and leads to improved productivity. It has also been confirmed that the lifespan of pigs has been extended.



☆ Improvement of quality of livestock products

The intestinal environment is adjusted by adding Marumi Gold to food and drinking water. As a result, the health of livestock improves the quality of fat, eliminates odors, and lasts for a long time, improving the quality and taste of products. Poultry farming also has the effect of prolonging the spawning period, producing good quality eggs, and slowing putrefaction.



☆ Deodorizing effect

By regularly spraying Marumi Gold on the barn, the growth of putrefactive bacteria is suppressed and the generation of odors is suppressed. In addition, by feeding livestock with feed containing Marumi Gold, it works to improve the microorganisms in the intestines and suppress the foul odor of livestock manure itself. By improving the growing environment in this way, stress on livestock such as a decrease in the number of flies can be reduced, leading to improvements in livestock meat quality, milk quality and chicken egg quality.



IN ADDITION, USE FOR ENVIRONMENTAL PURIFICATION

With the rapid progress of consumer society, the diverse and large amount of waste generated by human social activities has a serious impact on the environment in which we live. In particular, bad odors are a problem in rivers, waste treatment plants, and sewage treatment plants. The use of Marumi Gold promotes the natural reproduction of useful microorganisms such as organic compound-degrading bacteria and improves enzyme activity. As a result, germs and putrefactive bacteria are naturally selected, and the food chain is optimized. As a result, the decomposition of organic compounds progresses, the aerobic area expands, the turbidity decreases, the accumulated sludge decreases sharply, and the environmentally deteriorated water area is purified.

In addition, adding Marumi Gold to garbage and sewage sludge improves the microbial environment and shifts the environment in which putrefactive bacteria are prioritized to useful bacteria, and as a result, malodorous substances are suppressed.

