

Development of Fujimin

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What is Fujimin?

Fujimin is a plant growth promoter consisting of highly concentrated fulvic acid. Made from wood chips and acidic materials of natural origin, all ingredients are procured from domestic materials. Fulvic acid is a kind of humic substance contained in soil. It is contained in natural spring water as well as soil, although in only extremely small quantities in either case.

Expected Benefits

Benefit 1 : Promotion of plant growth

- Aids plants' absorption of minerals in the soil due to the chelating effect of fulvic acid

Benefit 2 : Improvement of soil environment

- Stabilizes pH conditions of the soil due to the pH buffering capacity of fulvic acid
- Promotes soil aggregation ⇨ leads to the promotion of plants' root growth

Effective Range of Use

Public Works : Greening of Main Scarps, Post-Forest Fire Reconstruction, Greening of Slopes, Repairing of Slope Greening etc.

Application Examples

Roadside Slope (Iida City, Nagano Prefecture) Construction Area: 56m²

Mix: Fulvic acid diluted by a factor of 500 Amount: 32.7cc/m² *Only fulvic acid

<Changes over time after spraying fulvic acid>



Immediately after application (3/16/2016)



2 months later (5/11/2016)

● At 2 months after construction, the vegetative cover rate for the area with fulvic acid was 60% and for that without fulvic acid was 30%.

➔ A difference in the number of growing plants was confirmed.

➔ The plant mortality rate in the area with fulvic acid is thought to be low.

