JAPAN CONSERVATION ENGINEERS & CO.,LTD.

STePP Technologies Seminar

Plant Growth Biostimulant: High Concentrate Fulvic Acid Solution "Fujimin®"

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What's Fujimin®?

- Fujimin is the high concentration fulvic acid which is firstly developed in the world in the commercial scale production using natural materials in forests.

- Fulvic acid is a natural resource which is normally available in very small quantities in nature and normally is found in humus. Humus is a type of matter which results from decomposition of the plants and animals by soil microorganisms.

- Fujimin® works as "plant growth biostimulant" because it promotes taking the essential minerals for photosynthesis, such as Fe2+, Mg2+, into plant cell.

- Fujimin® is certified "the accreditation of Organic JAS (Japanese Agricultural Standards)".

OMJ
有機JAS資材評価協議会
JASOM-160101

Organic JAS certified!

Application Cases 1

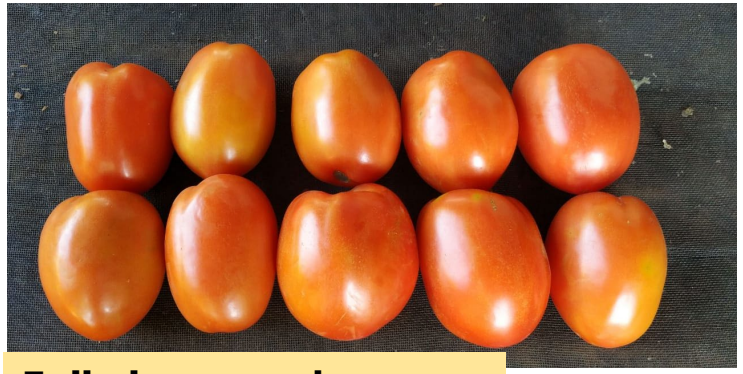
Corn (China)

Desalination with Fujimin® allowed corn grow.

Tomato (Paraguay)

Fujimin ® promoted the growth of plants much faster.

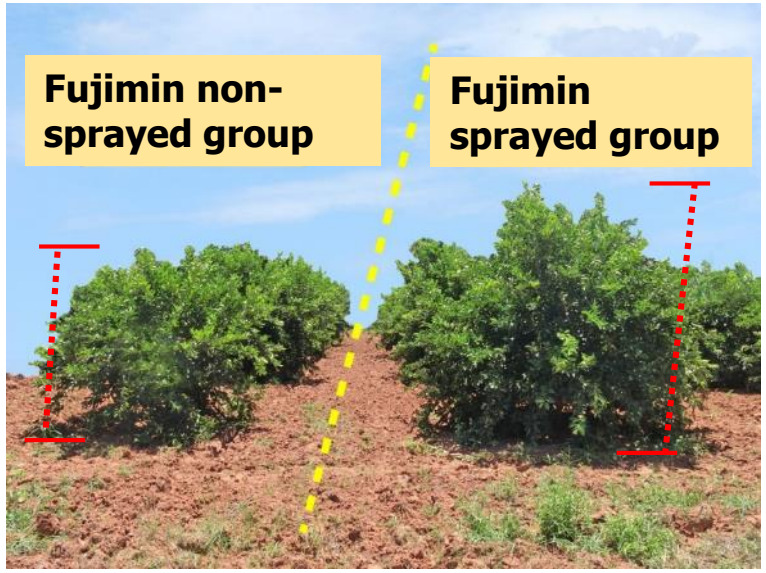
Fujimin non-sprayed area



Fujimin sprayed area

Lime tree (Paraguay)

Fujimin ® promoted the growth of trees much faster.



Application Cases 2

Soy bean (Paraguay)

The average yield was 2.9 tons / ha since the field was extremely acidic (around pH4.0).

Then, Fujimin® was sprayed the next year and the yield became 4.3 ton / ha.

4.3tons/ha ÷ 2.9tons/ha = Increased by 1.48 times

Fujimin non-sprayed area

Fujimin sprayed area

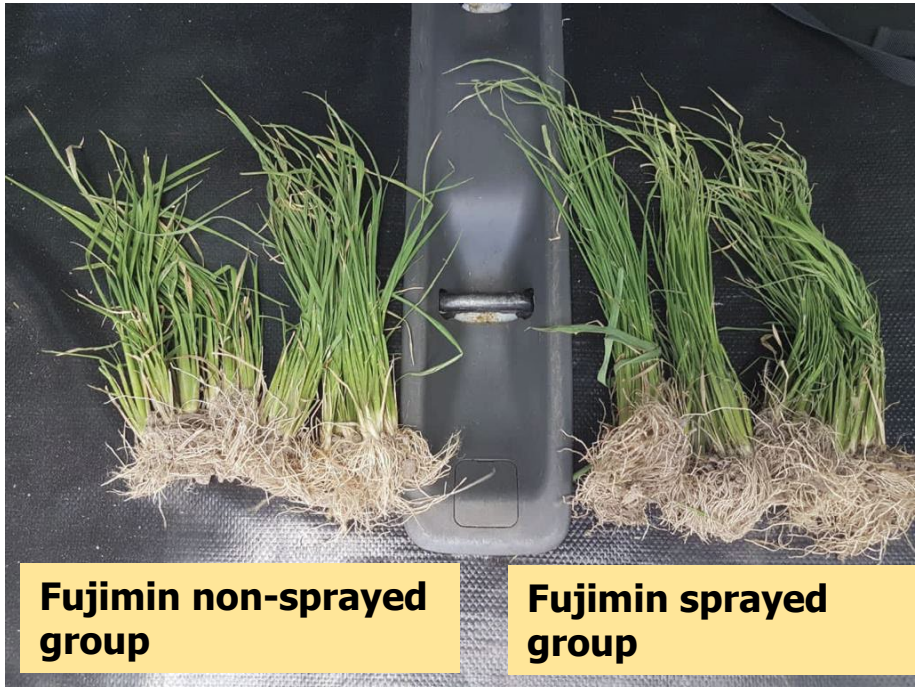
Application Cases 3

Rice (Paraguay)

One month after sowing, 2 L of Fujimin was sprayed per ha.
Comparing the fulvic acid sprayed group and the non-sprayed group, there were differences in height, leaf color, and number of root lengths.

Fujimin non-sprayed area

Fujimin sprayed area



Fujimin non-sprayed group

Fujimin sprayed group