



Ceramics Super C Agriculture

EM Ceramics Super C Agriculture is ultra-fine ceramics powder specially designed for use in EM-based farming. Using a special technique, EM1* and EM-X* are mixed into the clay prior to the firing process in order to transfer the properties of EM microbes into the ceramics. The standard EM farming calls for

- proper soil improvement after harvesting/before planting
- appropriate crop management
- effective measures to control insect pests

EM Ceramics Super C Agriculture can help achieve all of these by helping maintain the density of EM microbes in the field and hence suppress the disease-inducing microbial population in the field in a short span of time.



Available in: 1kg and 20kg bags

Examples of Ceramics Super C Agriculture Applications



Upland lettuce farming, Nagano Prefecture, Japan

- Lettuce seedling leaf grown in soil without EM treatment shows holes from a leaf miner attack. Eggs have also been found. After being transplanted to the EM field, the lettuce grew without any more attacks and very few miner eggs have been observed. Furthermore, the eggs that have been observed on the seedling leaves have not developed.
- Compost mixture: 2kg of Ceramics Super C Agriculture : 1t of compost. Ceramics Super C Agriculture is sprinkled between layers of the compost and then left to ferment. It is ready for use after half a year.



Aichi Prefecture, Japan

JA - Aichi* rice contract farming with Ceramics Super C Agriculture for growing EM brown rice

*JA - Aichi: part of Japan Agriculture farmers nationwide cooperative

Able to reduce chemical fertilizer use by 50%; more eco-friendly farming

Basic EM application
Ceramics Super C Agriculture:

- 5kg per 1,000m²
- EM Bokashi Pellet: 150kg per 1,000m²
- Spraying of A-EM*: 200ml per 1,000m²



Foliar spraying for pest prevention:

Add Ceramics Super C Agriculture at 1/1,000-2,000 of total volume of diluted activated EM (diluted 500-1000 times).

Recommended to be applied daily for at least for 7-10 consecutive days from the time of planting.



Table grape cultivation, Nagano Prefecture, Japan

- Ceramics Super C Agriculture : 100kg / ha
- Activated EM solution : 5,000 l / ha
- EM Bokashi : 3,000kg
- Cattle dung/pig faeces compost : 5,000kg / ha (processed by adding Ceramics Super C Agriculture to promote fermentation)



Sugar content in the grapes rose by 2 to 3 degrees in the first year. Then, it gradually rose to 22 degrees. Pesticide use was reduced from 20%, 40%, 70% consecutively in 3 years.