

## Safe and delicious peaches, cultivated with EM Ceramics and EM Bokashi, always sell out receiving favorable reviews every year.

### ■ Progress

23 years ago, Mr. Sameya changed his life to become an orchard cultivator from his position as a teacher in Tokyo. Being suspicious of the customary cultivation practices, he strived to grow delicious fruits. When he pursued organic cultivation which uses less agricultural chemicals, he read Dr. Higa's book "An Earth Saving Revolution" in 1994 and applied EM Technology. At present, Mr. Sameya cultivates peaches and grapevines, selling most of the harvest at his orchard directly which is open to tourists.

### ■ The Application of EM Technology

The sprinklers automatically spray A-EM with a water mixture to the orchard. The EM Bokashi and compost are applied as fertilizers. EM Super Cera is applied to the soil, and a mixture of it with A-EM is also sprayed to the leaves. This works when using less agricultural chemicals.

### ■ The Application of EM Ceramics and its Effect

Hang the Pipe-35 from the peach tree's branches to prevent bird damage, and apply EM Super Cera to the entire peach tree trunk. The barks grow rich and with natural colors compared to other orchards showing that they're healthy.



*In the orchard, the soil is soft enough to insert more than a 2 meters-long stick easily*

Mr. Sameya's stepmother, 88 years old, is still active and enjoys taking care of the peach trees every single day. She says that is the key to her vitality.



## Table grapes with a high sugar content of more than 20 degrees Brix. The harvest at the vineyard is 1.5 times better than from the customary cultivation practices. The table grapevine trees do not lose their vitality even with a whole bunch of clusters hanging from them, and they keep maintaining a great shape with uniformed sizes.

### ■ Progress

Mr. and Mrs. Sakurai started table grape cultivation in 1971. Even after they changed their way of cultivation from using chemical-fertilizers to an organic one, they cannot harvest table grapes with good quality. Therefore, they searched for a way to harvest more qualified table grapes and decided to apply EM Technology in 1997. A year after, the branches grew to up to 2 meters, which is twice the length of the average size, and started applying EM Super Cera the following year.

### ■ The Application of EM Technology

The major fertilizers are EM Bokashi and composts which include EM-treated sediment, such as hackberry. Besides that, A-EM diluted a hundred times is sprayed with EM Super Cera.

### ■ The Effect of Application of EM Technology

With a high sugar content of more than 20 degrees Brix, the table grapes do not leave any aftertastes. Besides, they are big and heavy with lots of juice. Since they are cultivated with EM Technology, the harvest of the table grapes is nothing but a success. 1.5 tons of table grapes are reaped per 992 m<sup>2</sup>. Pesticide use was reduced to at least one-third compared to the customary cultivation practices for sure, and now it's been reduced to half of the customary practices.



[middle left to right]

Table grape cultivators visit the vineyard from Nagano-Shi and are surprised at the sweetness of the grapes.

[below]

Training in making EM Bokashi as part of the Tokyo International University's internship.

