# EM Technology TM

"Create a community with mutual understanding and well-being by using safety, user-friendly, low cost, high quality, and sustainable TECHNOLOGY"

by Dr. Teruo Higa

### **EM Amino Plus**

EM Amino Plus is EM fermented product made from fish and plant extract and contains compounds that enhance plant growth. It does not contain any toxic material and can use as a good source of fertilizer.

#### **EM Amino Plus difference**

EM Amino Plus does not involve heating process which prevents denaturation of proteins and retains valuable amino acids and natural oil. It is high in L- Amino Acids that are easily absorbed by crops. It also contains EM and help plants absorb nutrients and grow healthy.





**Vege / fruits** 



**Flower** 



Bonsai

## Effect of EM Amino Plus

- Increase yield and growth rate of crops
- Improve plants vitality and self-defense process.
  Effectiviely adheres to plant surface and provide quick supplemenation
- With amino acids, vitamins, enzymes and natural
- Oils present in ocean caught fish



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### How to use

### Dilution and foliar application

Dilute EM Amino Plus with clean water at the dilution ratio 1:200 and foliar spray. Recommend to apply in the morning or late afternoon to avoid application under intense sunlight



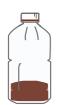




1liter water



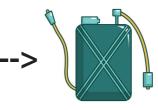
For hand sprayer



50 - 100ml EM Amino Plus



18 - 20 liter water



backpack sprayer or power sprayer

Vege / fruit

Apply once a week in growing stage and apply 2 times per week in fruiting stage.

**Fruit tree** 

Apply once a month to maintaing tree grow healthy. In fruiting stage apply 2 times per month

Rice

1st application: 1-2 days before transplanting (Apply on seed bed)

2nd application: 15 days after transplanting 3rd application: 30-45 days after transplanting

**Flower** 

Apply once a week

Bonsai

Apply once a week



Effect of combination EM and Amino Acid

✓ Stress resistance

✓ Improve protein synthesis

✓ Better nutrient absorption

Activate plant growth

✓ Increase self defense system





Amino Acid Conter	t % total	Nutrients	% total	Trace eleme	nts ppm
Aspartic Acid	6.06	N	1.6	Ca	471.70
Glutamic Acid	17.88	P	3.0	Mg	471.70
Glycine	10.54	K	0.33	Fe	38.82
Alanine	15.04			Cu	0.92
Valine	8.52			Mn	1.91
Lucine	8.17			Zn	3.44
Lysine	5.56			В	5.5
Others					