



# **Organic Seed Production**

## **By Mathana Aphaimool**

### **Greennet Organic Agriculture Center**

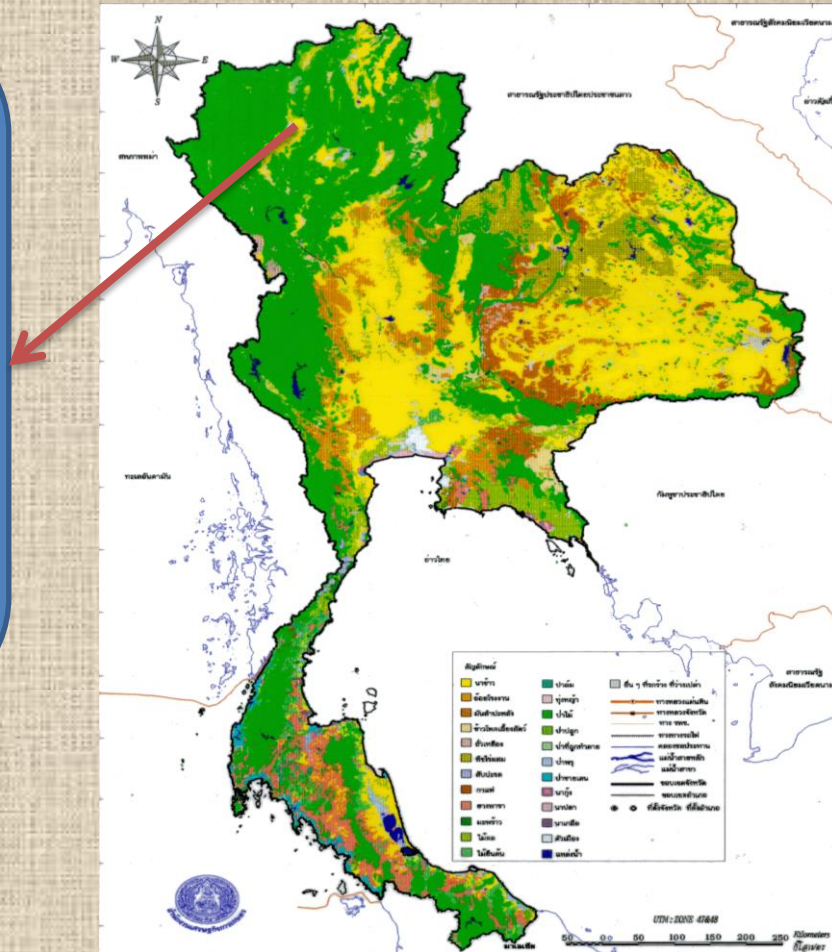
### **Chiang Mai, Thailand**

**[www.greennet.or.th](http://www.greennet.or.th)**

**Facebook: greennet organic center**

# Northern of Thailand

Maetha  
Community,  
Chiang mai





# Maetha community



วัดศรีบุญเรือง (วัดใหม่)  
เมื่อมองจากบนฟ้า ๑ ใบไม้บนฟ้า เมื่อมองจาก  
เครื่องบิน โดย Pongsakorn Sangsuwan

# 1986 start organic farming





# Why did I start seed production?



# Organic market





# Organic Seed Selection









# Organic Seed Production

















# Seed Pack



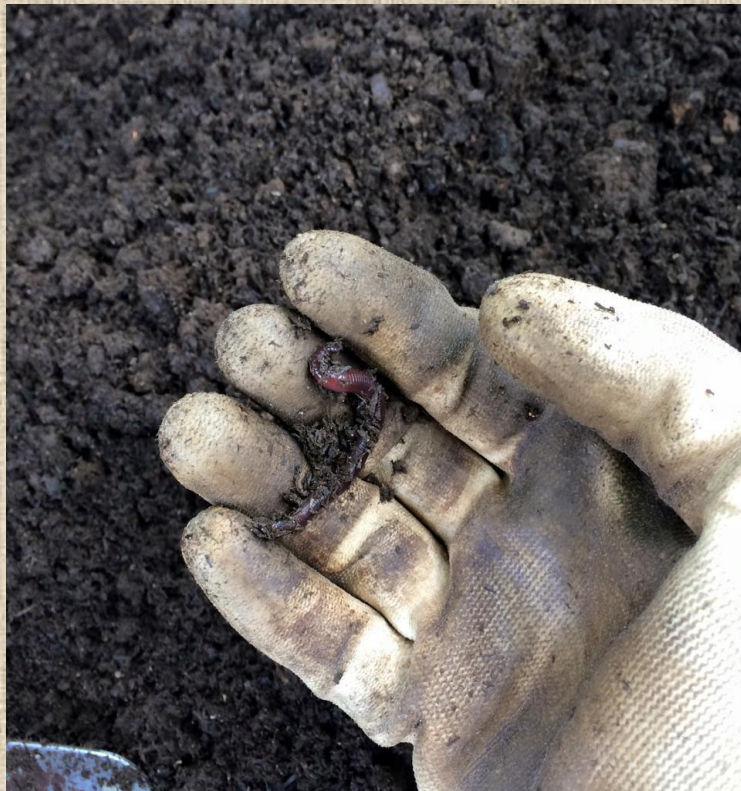






# What I learned in my production process?

1. Vermicompost is much better for seedlings









2. For soil health, bokashi compost and green manure with local beans in the rainy season.





# Bokashi Compost





3. For high value sensitive seed- such as lettuce- use a rain shelter.





## 4. Use bamboo from my farm for support structures









5. Can get local plant duration vegetable crops with seed crop to harvest before seed crop matures.

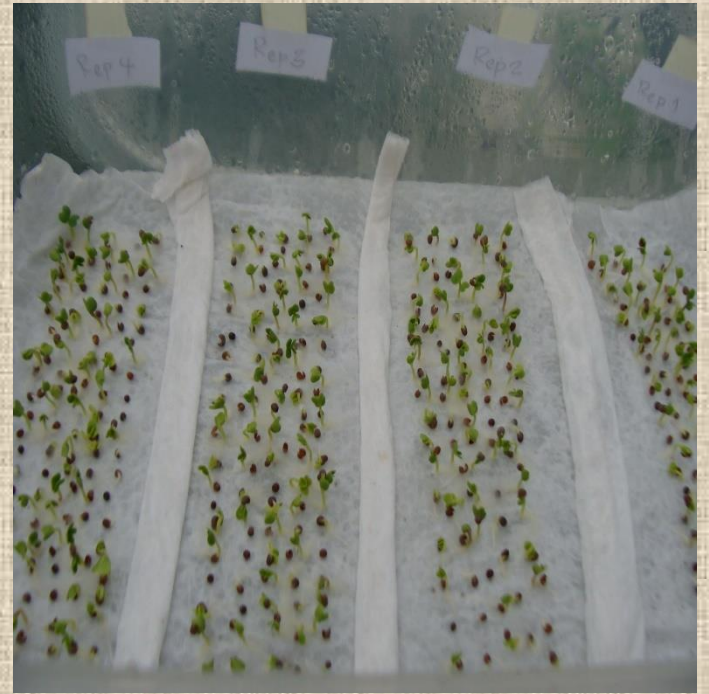




6. For seed germination testing use different techniques for different sizes of seed. Smallest seeds- on top of tissue paper, medium + bigger seeds in the tissue roll, larger seeds in the sand tray.









# What are my current challenges?

1. Not all our varieties are registered because need to do full characterization

2. While I have a blowing machine, we still spend a lot time to clean and select good seeds.

3. While I have taught many farmers and others about organic seed production, I don't yet have farmers to help with seed production for more volume and diversity



**Greennet Organic Agriculture Center, Chiang Mai**  
**Founded 2011 with the following objectives:**

- (a) to conserve local varieties by collecting, selecting and producing open-pollination seeds which will contribute to the sustainability of organic/sustainable agriculture
- (b) to produce quality organic seeds for farmers and interested public
- (c) to encourage farmers to produce organic seeds and sale through the Center to help improving farmers' income
- (d) to share the knowledge and experiences with interested individuals within the communities and beyond through farm volunteers for student interns, farmers, and the public.



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