

## **Agribusiness day – Farmers’ conference**

### **Innovation 2023**

#### **Germination of seed-paddy**

**Author:** B.G.G.R.K. Harischandra

[gayanirashmika1013@gmail.com](mailto:gayanirashmika1013@gmail.com)

19AGA1823

Faculty of Agricultural Sciences,  
Sabaragamuwa University of Sri Lanka.



**Farmer:** Nimal Karunathilake



This method is called “*vee yahan kireema*.” This is a different method from the normal method. In the normal method, bags are used. Here, Banana leaves are mainly used. The process of “*vee yahan kireema*” is as follows.

**Required materials:** fairly large banana leaves, planks or polythene, stones, cow dung solution, seed-paddy, and water.

**Method:**

First of all, a suitable place should be selected. Then, banana leaves are spread on the ground. Next, seed-paddy should be put into water and unsuitable seeds should be removed. Then, water is removed. After, excessive water from seed-paddy is also removed by drying it. After, seed-paddy are spread on the banana leaves that were spread on the ground. Then, seed-paddy are pressed. (The thickness of these seeds should be about 3-4 inches). Thereafter, these seeds should be covered by using other banana leaves. Next, planks or polythene covers should be kept on those leaves. Then stones should be kept on that. (The reason for keeping weight on the seeds is conducting a steady temperature for better germination). Roots can be seen in the seed-paddy in 4-5 days.

Sometimes, some seeds that have not rooted enough can be seen. Then these steps can be followed.

All the seed-paddy should be placed in a suitable place. Thereafter, cow dung solution should be mixed to it well. Again, seed-paddy should be spread on the banana leaves as earlier. Other Banana leaves should be kept on those seeds. Planks or polythene covers and then stones should be kept on that as earlier. After 1-2 days, it can be seen that all the seeds have rooted enough for planting.

- Advantages:** 1. Eco-friendly      **Disadvantages:** 1. It takes a lot of time to root.  
2. Low cost  
3. Comfortable

**THANK YOU!**