

## **Kisaan Mitra Agro Science Pvt Ltd.**

14, Radhika Palce Behind ICICI BANK, Mahalakshmi Nagar Indore,452010.

Email :- [info@kisaanmitra.com](mailto:info@kisaanmitra.com)

Website :- [www.kisaanmitra.com](http://www.kisaanmitra.com) Contact details :-9131993338.

## **Buy back vermicompost installation project**

### **Introduction of vermicompost:-**

**Vermicomposting is a natural process whereby earthworms convert waste material with rigid structures into compost. The compost produced in this green process is traditionally and popularly used as a natural fertilizer for enhancing plant growth. Earthworms belong to the phylum Annelida, subclass Oligochaeta.**

Vermi-composting is an environmental friendly and economic process to decompose organic waste. The objective of this study was to produce vermi-compost using *Eisenia fetida* and to investigate the impact of vermi-compost (VC) and organic manure (cow dung) on seed germination, seedlings, and growth parameters of *Tagetes erecta*. Physio-chemical parameters of vermi-compost and organic manure were recorded. A potting experiment was designed, germination medium containing soil, sand, and various concentrations of vermi-composts.

The composition of germinating media was: TO (Sand + Soil), TCC (Sand + Soil + Cow dung), 10% VC (Sand + Soil + 0.1 kg VC), 15% VC (Sand + Soil + 0.15 kg VC), 20% VC (Sand + Soil + 0.2 kg VC), 25% VC (Sand + Soil + 0.25 kg VC), 30% VC (Sand + Soil + 0.3 kg VC), and 35% VC (Sand + Soil + 0.35 kg VC). Seed germination, seedling, vegetative plant growth, and flowering parameters were evaluated in different germinating media. Pre and post-physio-chemical parameters of germination media were also recorded to check their stability and quality. Results showed that 20% VC was effective for the early initiation of seed germination ( $2.0 \pm 0.0$  days) and all growth parameters of marigold seedlings. The germination percentage at 20% VC was recorded as  $87.5 \pm 1.40$  %. The best vegetative plant growth and flowering parameters of marigold plants were observed with 35% VC after transplantation. Findings showed that vermi-compost is the best-suited germination and growing media, which not only improved the soil health but also promoted seed germination and plant growth. Our study undoubtedly indicates that vermi-compost is a more encouraging and advantageous bio-fertilizer and can be used as a powerful and effective for immediate marigold production.

### **1. Buy back Project introduction**

Under the Buy Back Project, we provide opportunities to farmers, women self-help groups, Educational institution and all sections of the society to start entrepreneurs in this sector.

The market plays the most important role in setting up a new enterprise and it is considered the primary unit of risk.

The main objective of this project is to meet and supply the market demand, at present the demand for compost is in every area but the production to supply it is still minimal.

If we analyse the production at present, in India we cannot yet fulfil the demand which is a permanent demand because wherever there is demand for vermicompost, it is in quantity more than the production capacity.

Due to which those who produce on a small scale are not able to become participants in that place, if they register their stake with the help of the management, then their profit is negligible.

We connect all such situations, whether of the producer or the consumer, with the help of this project.

Under this project, we carry out the work with responsibility from production to marketing, the main stages of which are as follows:

### **1. Establishment/installation**

Any type of enterprise when it comes to production should be smooth, modern and stable. For this, a quality modern production plant is established under the guidance of our experts for continuous successful production in the production plant, the quality of which is our responsibility.

- Inspection of where the production plant is to be established,
- drawing of how it is to be established, installation, all this is included in it.

### **2. Production and method**

Those who work with us through this project produce for a larger market. For this, the production method is operated and managed by us for the quality and uniformity of the product.

**Production Guidance and Management** After the establishment of the plant, there are different stages of production which are as follows

1. Bed filling(
2. biological activity
3. earthworm activity monitoring
4. Compost Quality and Scale Analysis  
compost removal daily routine
5. Manure sifted and ready for market

(The labour charges at the time of filling and removing the beds will be yours)

The responsibility of operation and management of all these minor activities is attached to this project which strengthens the guarantee of 100 percent successful production and Production Buy back.

### **3. Production capacity and plant price.**

**No. Of bed - 30**

**Production capacity - approx 240 quintal per production**

**Raw material required - approx 12-15 trolley**

**Required land - 2000 square fit**

**Rate including all taxes - 150000/- + 18% GST**

**Yearly no. of production – 3-4**

### **4. Buy back purchase price**

**Loose compost - 350 rs/quintal**

**50 kg packing - 450 rs/quintal**

**1-5 kg packing -500 rs/quintal**

**Note- We will be responsible for packing material and transportation. You do not have to spend any money on this.**

### **5. policy and limitations**

In the plant based on purchase deed, the work of setting up the plant will be done by the company in the area selected by the producer as per the rules.

The company will inspect and guide the quality of Compost produced at the plant.

The producer side will have to arrange and bear the amount of raw material (dung, organic waste) used in the plant.

According to the purchase deed, the vermicompost produced by the company will be purchased for 3 years at the fixed rate of Rs..... per quintal in the open packaging, the deed will be renewed every 11 months. In this situation, the rules will be changed with the consent of both the parties, Will be able to go.

The first production will be purchased three months after installation.

Packaging material will be provided to the producer by the company in which the producer will have to extract the manure, filter it, pack it and make it available to the company.

The producer will have to pay special attention to the quality of the compost, the producer will be responsible for quality production.

If the producer wants to sell the Compost at his own level, then there will be no restriction on this situation, but in the name of the producing company.

The brand will not be used for personal buying and selling.

The transportation charges for the compost produced by the producer to the marketing area will be paid by the company.

If there is any kind of delay in the payment transaction after the purchase, then both the parties should cooperate with each other on this situation.

**Rest of the legal contract and price details as per quantity are attached with the following project. Thank you**

KISAAN MITRA