

HOMA ORGANIC FARMING: A SUSTAINABLE APPROACH IN AGRICULTURAL SCIENCE

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INTRODUCTION:

Agriculture in India has a long history, which the Vedic literature attests to. Plowing, irrigation, crop farming are all mentioned in Rigvedic hymns. In the beginning, India's agriculture was entirely organic. Yajna, an antiquated Vedic pyramid fire technique, is known in Sanskrit as homa. It is the process of purging the atmosphere of its harmful elements using fire. The technique was revived by Param Sadguru Shree Gajanan Maharaj of Akkalkot, Maharashtra, in the middle of the 20th century, and his student Vasant Paranjpe popularised it in India and internationally, despite the fact that we have since lost this expertise. The Homa firing method is often referred to as Agnihotra. "You heal the atmosphere and the healed atmosphere cures you," is the main tenant of homa treatment. Homa therapy proponents assert that it is a fully revealed science even though it is an ancient practise that developed well before the scientific era. Homa Therapy is applied in agriculture through homo organic farming. Homa organic farming can be used as a supplement to any successful organic farming techniques.





HOW HOMA ORGANIC FARMING WORKS?

Metalloid, nonmetalloid, and gaseous toxicants of various sorts are present in the soil, water, atmosphere, and subsoil water. Large tracts of forest have essentially dead soil. Numerous sorts of microorganisms, starting at the level of viruses, bacteria, fungi, and algae, flourish in the revitalised soil. Consequently, a thriving microflora and microfauna are produced. Due to this, a microenvironment or microsystem is created that is relatively less hazardous to the developing plants. All the chemical elements necessary for life, such as carbon, hydrogen, and oxygen, are present in the soil, which has now turned into a living soil due to the existence of microorganisms. These three, in accordance with contemporary understanding, combine to create bacterial life. We have bacteria that fix nitrogen, for instance, as well as bacteria that affect the phosphorus level of soil. Earthworms and other animals flourish after the formation of such a microenvironment. They consume the soil, break it down, and then replace the soil. It has been discovered that adding Agnihotra ash to regular soil increases the amount of water-soluble phosphate in the soil, allowing the plant's root hairs to easily absorb the nutrients. Homa atmosphere aids in the absorption of large amounts of nutrients including nitrogen, phosphorus, and potassium because to tiny cells and active transport. When Agnihotra, YAJNYA, or other HOMAS are performed in a garden, a growing environment is produced, attracting nutrients, insects, microbes, and animals that would be content and prosper there. This is understandable given how lovely

nature is; as a result, the soil and plant benefit naturally, and the plant flourishes. The same thing occurs when you apply ash or utilise Agnihotra ash water, but it works better for individual plants. By applying ash to specific plants, beds, or planters, the elements that are ideal for that plant are drawn to it, and it grows well. Of course, we must utilise standard farming practises like weeding, composting of organic matter, sprinkling with a solution of agnihotra ash, etc. Homa Organic Farming is how Homa Therapy is used in agriculture. Any effective organic farming methods can be supplemented with homa organic farming.

CONCLUSION

Everybody benefits from homa farming, including the farmer, the consumer, the soil, and the environment. It promotes the general wellbeing of both the environment and the farmer, who leads a healthy lifestyle by taking part in the homa. Studies on the benefits of homa on human health have also been undertaken. Homa treatment is known to improve a person psychologically and physically. Homa farming is also performed by urban farmers and rooftop farmers who find it to be easy, affordable, and beneficial on all fronts by promoting health in an urban setting. Without organic farming agriculture has no future. But without Agnihotra and Homa Therapy, organic farming has no future. Homa Organic Farming is a holistic approach to healing for agriculture and can be combined with any effective organic farming system.