



HIGH HIMALAYAN ORGANIC

PRODUCER- THREE STAR BIO-ORGANIC FERTILIZER & PLANT PROTECTOR
DEDICATED TO ADVANCING SUSTAINABLE AGRICULTURE IN NEPAL

Birtamod-2, Jhapa, Nepal, Tel. +977 9802313907, 9851097616, <https://highhimalayanorganic.com.np>

Expansion and National Adoption of Organic Bio-Fertilizers in Nepal

Background and Rationale

High Himalayan Organic (H2O) Pvt. Ltd. is a pioneering enterprise dedicated to producing and supplying high-quality organic bio-fertilizers in Nepal. In a country heavily reliant on chemical fertilizers, H2O stands as a beacon of sustainable agriculture, offering solutions that enhance soil health, promote environmental sustainability, and improve crop yields. Given Nepal's rich agricultural heritage and the increasing global demand for organic products, the expansion of H2O's capacity presents an unprecedented opportunity to shift the paradigm of agriculture, economy, and health in the nation.

Nepal currently spends approximately NPR 30 billion (\$223690860.00) annually on subsidizing chemical fertilizers. Despite this massive expenditure, the country continues to face issues related to soil degradation, environmental pollution, and health risks associated with chemical inputs. By investing in the expansion of H2O's organic bio-fertilizer production, Nepal can achieve self-sufficiency in bio-organic fertilizers within five years, thereby eliminating the need for chemical fertilizers and pesticides. This transition is projected to save the country over NPR 100 billion (\$745636200.00) each year and contribute to long-term environmental sustainability.

Objectives

The primary objective of this initiative is to increase H2O's production capacity to meet national demand for organic bio-fertilizers and pest controllers. Specific goals include:

1. **Expansion of Production Capacity:**
 - Increase the quantity and quality of bio-fertilizers produced by H2O, enabling nationwide distribution within five years.
 - Ensure the production facilities are equipped to handle 100% of Nepal's bio-organic fertilizer needs using locally sourced raw materials.
2. **National Self-Sufficiency in Organic Fertilizers:**
 - Achieve national self-sufficiency in organic bio-fertilizers, eliminating the need for chemical fertilizers and pesticides.
 - Create a sustainable and resilient agricultural system that reduces farming costs by 50% and increases farmers' income by 50%.
3. **Environmental and Health Benefits:**
 - Improve soil structure, texture, and fertility across agricultural lands.
 - Control pests and diseases in crops naturally, promoting human health, soil health, and environmental balance.
 - Contribute to the reduction of greenhouse gas emissions and sequester carbon in the soil.

Products and Their Benefits

H2O currently produces three types of bio-fertilizers and two types of bio-pest/disease controllers, each designed to address specific agricultural needs:

1. **Bio-Fertilizers:**
 - **Compost Fertilizer:** Enhances soil fertility and organic matter content.
 - **Liquid Fertilizer for Root Application:** Promotes strong root development, and nutrient absorption.
 - **Liquid Fertilizer for Foliar Application:** Improves plant health and productivity through direct nutrient application to leaves.

2. **Bio Pest/Disease Controllers:**

- **Liquid Pest/Disease Controller for Root Application:** Protects crops from root-based pests and diseases.
- **Liquid Pest/Disease Controller for Foliar Application:** Shields crops from foliar pests and diseases.

Key Features:

- Improves soil structure and fertility.
- Effectively controls pests and diseases.
- Reduces farming costs and increases income.
- Easy to adopt and safe to use.
- Promotes the health of humans, soil, plants, and the environment.
- Enhances water retention and absorption in soil.
- Sequesters greenhouse gases, particularly carbon dioxide.
- Controls greenhouse gas emissions during production.

Implementation Strategy

To achieve these objectives, H2O proposes the following strategies:

1. **Capacity Building:**

- Upgrade and expand production facilities across Nepal to scale up the production of bio-fertilizers and pest controllers.
- Train local human resources in advanced organic fertilizer techniques.

2. **Partnerships and Collaboration:**

- Partner with government agencies for policy formulation including certification, non-governmental organizations, and private sector stakeholders for extension and international agencies to secure the necessary investment of NPR 30 billion (approx. \$230 million) that is the annual cost of subsidizing chemical fertilizers through government channels in Nepal.
- Engage with local communities to promote the adoption of bio-fertilizers and raise awareness about their benefits.

3. **Market Development:**

- Establish a robust distribution network to ensure the availability of bio-fertilizers across all regions of Nepal.
- Launch nationwide campaigns to educate farmers on the advantages of organic farming and provide technical support for the transition.

Appeal for Support

Considering the immense potential benefits to Nepal's agriculture, economy, and environment, H2O appeals to all concerned authorities, government bodies, international agencies, and private investors to support this noble cause. With the right investment and collaboration, Nepal can achieve self-sufficiency in bio-organic fertilizers, reduce its dependency on harmful chemical inputs, and lead the way in sustainable agriculture.

H2O is committed to delivering 100% results within six years, transforming Nepal's agricultural landscape, and contributing to a healthier, more prosperous nation. We invite all stakeholders to join hands in this transformative journey.

For Detail information and contact:

Pradip Ghimire,

Founder and CEO, High Himalayan Organic (H2O) Pvt. Ltd.

Tel./WhatsApp: +9779851097616,

Email: pradipagriculture.tl@gmail.com

URL: <https://highhimalayanorganic.com.np/>

Date: Aug. 28, 2024