

Purpose and Significance of Moringa Project

Introduction

Mankind has destroyed the natural world to obtain wealth and abundance. Humanity's devotion to the economy and sacrificing the earth so far is about to create a crisis in human life. The earth is ringing alarm bells toward affluence that expense of nature. Global warming may generate more unknown viruses, and various weather changes may take away not only economic activities but also human life.

In order to combat global warming, it is important not only to reduce emissions through technological development, but also to improve the absorption capacity of the natural world. Even industrial CO2 reduction technology emits CO2 in some process, and human emissions can't be stopped. The natural world is one of the things that can absorb CO2, and among those things that can be done through human activities are agriculture and forestry. And we must learn that the only sustainable environmental energy exists in the natural world.

Currently, humanity cannot stop economic activity. Also, not all earthlings can engage in agriculture and forestry. What we can do is develop technology to reduce emissions and absorb CO2 through activities to restore nature. Future economic development will require coexistence with nature while protecting and nurturing it. Global warming will not wait. If each and every one of us does not act now as a party, the earth may become a planet that can't save mankind.

In order to spread environmental activities, it is necessary to sense of ownership . The world has science-based deadlines for carbon neutrality. Although Japan has set goals of reducing emissions by 46% by 2030 and achieving carbon neutrality by 2050, it must be said that the awareness of Japanese people about the environment, especially global warming, is extremely low. The members of the Moringa Environmental Project aim to implement concrete measures that make use of the power of Moringa and give shape to them.

Thoughts on the project

With the full-scale cultivation of "Moringa grown in Setouchi, Okayama Prefecture" as an opportunity, we felt the significance of environmental activities using Moringa, and started the "Moringa Environmental Project" from the wish to protect nature and the earth.

Purpose

The purpose is to increase CO2 absorption, contribute to health, and promote the industry by expanding Moringa cultivation. The United Nations Intergovernmental Panel on Climate Change (IPCC) has revealed scientific evidence that human activity is causing global warming. In response to

this, we would like to take advantage of the wonderful power of Moringa to protect the environment, health, and industry for the future, and help power of 3.5%* to contribute to the SDGs.

(SDGs / 2, 3, 13, 14, 15)

*Power of 3.5% : Harvard University's theory that "society will change greatly if 3.5% of people in society stand up seriously."



Main Ripple Effects Expected from Moringa Grown in Setouchi, Okayama Prefecture

Natural environment aspects

1. Planting moringa trees, which have a CO₂ absorption capacity dozens of times greater than that of ordinary trees, will help combat global warming.
2. Improving River water quality and protecting marine plastic pollution through cultivation methods that don't use pesticides or chemical fertilizers.
3. Reducing CO₂ Emissions by Pesticide and Chemical Fertilizer Manufacturers by Using No Pesticides or Chemical Fertilizers.
4. Improving Soil with the Purifying Power of Moringa tree.
5. Contribution to control droughts, water shortages, and virtual water caused by climate change.

Health aspects

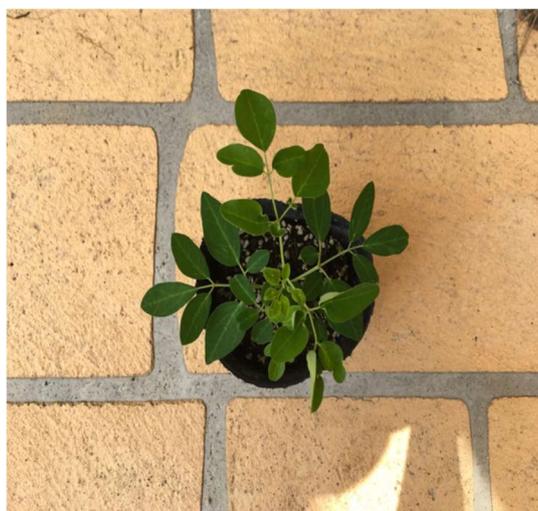
1. Contributing to people's health with 90 kinds of nutrients contained in moringa and dozens of times more nutritional value than normal foods.
2. The 300 medicinal properties of Moringa contribute to the treatment of various diseases and the maintenance of health.
3. Contribute nutritionally to combat food shortages and hunger, as recommended by the United Nations World Food Program (WFP).

Industry aspects

1. Contributing to the revitalization of agriculture by utilizing abandoned farmland.
2. Improving the domestic food self-sufficiency rate and responding to rising import prices and food shortages in the future.
3. Moringa is resistant to long rains, heat waves, and typhoons, so it is possible to ensure a stable supply of agricultural products.
4. Employment support for welfare service users such as type A and type B businesses.

5. Consumption activities through the commercialization of moringa, together with industrial revitalization, will serve as a countermeasure against global warming.
6. The effective use of moringa is expected to contribute to the effective use of resources and the realization of a sustainable society.

As mentioned above, cultivating moringa, selling it as a product, and using it by consumers leads to the revitalization of local industries including agriculture, as well as the protection of nature, the environment, health, and industry, and contributes to the global environment and is also expected to contribute to the SDGs. In that sense, moringa has great potential as an agricultural product in the future.



Overview of the "Moringa Environmental Project"

1. Positioning of the project

- (1) For the time being, it will be a voluntary organization, and the secretariat will be set up at Human Health Corporation.
- (2) The project is based on non-profit activities, the profits are used for the purpose and development of the project, and the operation is covered by the activities of the participants.
- (3) Operating expenses are covered by "member donations" and "handling donations from Human Health Corporation".

Main operating costs : labor costs (basically, volunteers are encouraged), seed purchase costs, Administrative expenses, tax accountant fees, miscellaneous expenses, activity expenses, member support expenses, expenses for developing the project including overseas cultivation etc.

(4) Admission fee/membership fee : Free

(5) Donation (1st period target) : 10,000,000 yen

2. Project goal

「Moringa Cultivation ⇨ Commercialization ⇨ Product Sales ⇨ Contribution to Health + Industry + SDGs」

Moringa planting target : 1 million trees (CO2 absorption equivalent = 160 million kg/total)

Cultivation area : 700,000 m² (including overseas if necessary)

Cultivated land : In principle, priority is given to abandoned farmland

Target year : December 2030

How to use : Contributions to the environment, health, industry and food aid through the 6th generation

3. Conditions for participation in the project

- (1) Individuals and companies who understand the purpose and purpose of the project and sympathize with the purpose and significance of the "Moringa Environmental Project", and who are willing to contribute to solving pressing global environmental problems.
- (2) Individuals and companies who can cooperate with us in cultivating and selling products for the promotion of the "Moringa Environmental Project".

(3) Persons who do not fall under the category of anti-social forces or equivalent persons, or persons related to such forces.

4. Composition and roles of project members

The following farmers, companies, individuals, universities, and others who can support moringa cultivation and projects in accordance with the purpose of the project.

(1) Agricultural business operators (companies cultivating moringa, business establishments A and B, agricultural corporations, and agricultural workers).

(2) General companies (general companies and farmers who don't grow moringa tree).

(3) Individual (general individual).

(4) Universities (support for research and development related to Moringa cultivation and value-added products).

(5) Administration (administrative support).