

One Step Ahead with Sustainable Agriculture

“Much More” Farm – Vietnam



Forward 
Farming

Sustainable Agriculture in Practice

In the plains of the Mekong River, rice has been cultivated for centuries as an important staple food for the people of Vietnam and the world.

Do Tri Hung, the owner of the “Much More” Farm, cultivates rice on 1.5 hectares of land and as a progressive farmer, he thrives on further improving his farming practices. He has therefore joined the ForwardFarming initiative established jointly under the partnership of the National Agricultural Extension Center, Ministry of Agriculture and Rural Development, Bayer Vietnam, and rice value chain partners, to improve farmers’ productivity in quality and yield, as well as produce in a smarter and sustainable manner.

The initiative demonstrates best farming practices, new solutions, and technologies, and provides training to improve crop value and farmers’ income. Additionally, this partnership will connect with the farmer cooperative to disseminate knowledge and benefit the broader farmer communities.



Introducing “Much More” Farm Owned by Do Tri Hung



Location:

Dong Hiep Commune, Can Tho Province



History:

Mr. Do Tri Hung, a smallholder farmer with over 15 years of experience in rice farming in Dong Thuan commune, Thoi Lai district, Can Tho province. His family has been farming and growing rice crops for three generations.



Farming Land:

Silty loam soil



Crops:

Rice



Partners:

Kim Hong Machine Enterprise Co Ltd., Binh Dien Fertilizer Joint Stock Company, SunRice Group, and Thuan Thang Cooperative.

“Much More” Farm Farm Profile



- Tailored Solutions
- Product Stewardship
- Partnerships

Key Elements

- 1 Top quality seed health – the foundation for best yields**
Seed growth treatments protect the emerging plant against pests and establish a healthy crop with fewer seeds per ha.
- 2 Much More Rice – tailored solutions**
An integrated and effective crop care program against diseases, pests, and weeds to protect the rice crop and increase both yield and grain quality, enhancing farmer income.
- 3 Integrated weed management**
A weed control scheme adapted to soil preparation and herbicide resistance management for intensified rice production.
- 4 Mechanization**
Introduction of modern sowing equipment to reduce seed rates and optimize resources, and harvesting equipment to improve efficiency.
- 5 Climate smart farming**
Reduction of irrigation water use via alternate wet and dry technique, and optimization of fertilization to reduce greenhouse gas emissions and conserve water.
- 6 Digitalization**
Improving knowledge and know-how transfer to the farmer community via “KHUYENNONGXANH” or “Green Agricultural Extension Platform” of the National Agricultural Extension Center, as well as improving market linkage.
- 7 Proactive product stewardship**
Use of personal protective equipment, safe storage of crop protection products and capacity building for highest worker safety standards and good practices in empty container management for environmental and water protection.
- 8 Improved application technique**
Use of up-to-date knapsack equipment and drones allowing precise product use for better efficiency, farmer safety, and better environmental preservation.
- 9 Health and well-being of farmers and families**
Improving health and well-being for farmers and families with knowledge enhancement in family self-care and women’s health.
- 10 Partnerships**
Technologies, skills and expertise from various institutions and agricultural value chain partners, fertilizer providers, mechanization, and market linkage with rice exporters, etc. to demonstrate modern sustainable farming.

Forging a Collaborative Future for Sustainable Agriculture

Partnerships are essential to stimulate progress in sustainable agriculture. This is being demonstrated by the partners of the ForwardFarming initiative:



// Ministry of Agriculture and Rural Development – MARD



// National Agricultural Extension Center – NAEC

is a public and non-business unit directly under the Ministry of Agriculture and Rural Development. The objectives of NAEC are:

- // To improve productivity and business efficiency of producers to increase income
 - // To contribute to the reconstruction of the agricultural economy towards commodity production, improving productivity, quality, and safety
 - // To mobilize resources from domestic and foreign organizations and individuals to participate in agricultural extension.
- For rice production in the Mekong Delta, NAEC has many activities to improve the capacity of farmers to produce sustainable rice such as emissions reductions, climate change adaptations, and smart rice farming.



- // **Bayer Vietnam** provides crop protection products, innovative seeds and services for agriculture. These solutions and services Bayer offers contribute to a smart and sustainable farming, providing the basis for improving productivity sustainably. This partnership allows a broader community of farmers to obtain access to modern sustainable farming technology and expertise.

Value chain partners for complementary technology and expertise:



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