Empowering Farmers

Because rural India depends largely on agriculture as the prime source of livelihood, the Sehgal Foundation team works together with farmers to help them identify and utilize sustainable methods for meeting the ever-increasing demand for food.

The Krishi Jyoti (enlightened agriculture) project provides training to these farmers in the use of sustainable farming practices to help improve soil fertility, conserve water, and increase crop yields, in order to improve their overall productivity and income.
BEING FARM WISE

Farmers with a minimum of one acre of land are selected for demonstrating sustainable agricultural practices. These practices, based on soil testing, include the use of suitable seed varieties, urea, diammonium phosphate (DAP), zinc, boron, potash, sulphur, and iron. Enough seeds are provided for the entire acre. However, to illustrate the comparison, farmers are encouraged to cultivate half of their land with the new practices and the other half with their traditional methods. Major crops in this project include wheat, cotton, millet, mustard, and vegetables, such as brinjal (eggplant) and onion.

During this process, farmers are trained on integrated nutrient and pest management, soil fertility improvement, farmyard manure techniques, vegetable production, and sapling nursery management. Once farmers witness the significant difference in the results from the two methods carried out side by side in their fields, they are readily willing to adopt new sustainable farming practices.

MAKING A DIFFERENCE

Carrying out this project in 36 villages in two districts—Mewat, Haryana, and Alwar, Rajasthan—has resulted in a significant increase in the yields of eggplant, wheat, mustard, and millet crops, and the participating farmers better understand how to use integrated nutrient management practices in their lead crops.

This project is replicable in both rain-fed and irrigated agricultural areas where farmers use heavy doses of urea and DAP instead of balanced fertilizers, which has resulted in a widespread use of these methods.

OUR PARTNERS ENSURE VALUE

Krishi Jyoti was created in a partnership between Sehgal Foundation and Mosaic India Pvt. Ltd. to sustain agricultural development in Haryana and Rajasthan. Partnerships such as this make a difference in increasing our reach and strengthening our impact.

For further information, please email partnerships@smsfoundation.org
Join the team. www.smsfoundation.org

S M Sehgal Foundation (Sehgal Foundation) is a public, charitable trust registered in India since 1999, based in Gurgaon, Haryana.

A FARMER SPEAKS

“I grow mustard, wheat, sorghum, millet, and vegetables. My yield for wheat has grown to 40-45 mann per acre [1 mann=40 kg] and mustard to 18-25 mann per acre as compared to 30-35 mann per acre and 13-15 mann per acre before. Seeing the results, I now buy the right doses of fertilizers and micronutrients for my field. Krishi Jyoti has shown us the way, and I am happy that it has led to a better life for me and my family.”

~Jumme Khan, Santhawadi village, Mewat