

MEMORANDUM OF UNDERSTANDING (MoU)

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BETWEEN

**SARDAR VALLABHBHAI PATEL UNIVERSITY OF
AGRICULTURE & TECHNOLOGY,
MEERUT 250110**

AND

**IIL FOUNDATION, A UNIT OF INSECTICIDES
(INDIA) LTD. DELHI-110033**

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

**SARDAR VALLABHBHAI PATEL UNIVERSITY OF AGRICULTURE & TECHNOLOGY,
MEERUT 250110**

AND

**IIL Foundation, a unit of Insecticides (India) Ltd., on
Collaborative Project between IIL foundation & Krishi Vigyan Kendra, HAPUR (UP)**

This Memorandum of Understanding ("the MoU") is made on 21st at Feb 22 between Sardar Vallabhbhai Patel University of Agriculture & Technology (hereinafter referred "SVPUAT"), an autonomous organization under the Government of Uttar Pradesh, located Modipuram, Meerut-250110 represented by Vice Chancellor, as the First Party on the one part.

AND

IIL Foundation, a unit of Insecticides (India) Ltd., vide trust deed dated 11.02.15 and registered under Indian Trust Act, 1882, having its office at 404, Lusa Tower, Azadpur Commercial complex, Delhi 110 033 through Mr. Sandeep Aggarwal, Trustee (herein referred to as "**Industry Partner**" which expression shall unless repugnant to the context mean and include its successors and assigns) of the Second Part.

SVPUAT and IIL are jointly referred to as Parties and the term Party means either of them as the context so permits.

WHEREAS

The University is a premier center for agricultural research, soil, and fertilizer research, instrumental in developing several technologies, machines, tools, high-yielding varieties of almost all the major crops, promoting agriculture mechanization in the country.

1.1 While the Industry Partner is engaged in organizing free of cost training/ residential training/ on-location training/ Kishan Gosthis for the farmers, farm women, pesticide dealers and rural youth in agriculture and allied activities related to pest management and judicious use of agro-chemicals namely, pesticides including insecticides, fungicides, herbicides from synthetic and organic sources in adopted village(s) and in this regard seeks to collaborate with the University to develop "**Social value system development about judicious use of Pesticides and other agro-chemicals and entrepreneurship among youth**" through training and assistance in collaboration with Insecticide India Ltd. hereinafter referred to as **Extension Study**

Have reached the following understanding:

1. Title of Project- Dissemination of advance Agric-extension activities and awareness program among farmers for qualitative and quantitative enhancement of production in cropping system.

The parties are desirous of entering into this MoU to further their respective missions and objectives as set out in Article 1 below.

Article-1 Objectives

- 1.1.1 The Parties' Main Objective under this MoU is to establish a long-term relationship for purposes of exploring 'their complementary research, institutional development and capacity building skills to further their respective missions (the "Main Objective").
- 1.1.2 To conduct farmers field demonstration for management of insectpests of field crops (Sugarcane, paddy, vegetables and fruit crops.)
- 1.1.3 To impart skill by providing hand-on training to the farmers on different aspects of crop production and protection technologies.
- 1.1.4 To organize farmers meeting and field days program on demonstrated fields.
- 1.1.5 To promote the judicious use of pesticides for reducing pesticides load in the eco-system.

Article-2 Plan of work:

2.1 Establishment of field Demonstrations: The project activities will be under taken in Hapur district of UP under KVK-Babugarh (Hapur) The objectives will be management of important insect pest of paddy, sugarcane, major vegetables of this area. A tentative 12 demonstrations on use of pesticides in pest management will be under taken. The size of one demonstration will be one acre (4000 m²). Two demonstrations per village per crop will be selected per season. After discussion with farmers & KVK scientist, the incidences of most prevalent insect-pest and disease of village in particular crop per season per village will be chosen for demonstration purpose. Accordingly, the same procedure will be followed for all villages.

2.2 Farmers to be covered in each village - Approximately 50 farmers per village will be covered for the demonstration and field day activities. However, efforts will be made to ensure that all cropping pattern growers particularly the small, marginal and deprived communities should be benefitted.

2.3 Literature on crop protection technologies: Literature pertaining to crop protection on major crops i.e Paddy, sugarcane and vegetables etc. in the form of Pamphlets, charts, booklets will be distributed to participated farmers and displayed in KVK center.

2.4 Farmers training in Farmers field: The farmers demonstration field (FDF) is an innovation approach with direct response to the need of farming communities. As a result, this participating community would like to receive more technical information particularly in relation to insect pest management. The idea behind (FDF) is to increase learning about management of pest-control. Farmer's training will based on comparative studies and on - field trials. This will strengthen the role of farmers in the extension activities. It will also improve the sense of ownership of rural communities in technologies packages and new knowledge

and skill. Learning by doing is the training approach used. Training in the field school will follow the seasonal cycle and the field is the primary learning venue.

2.5 Interventions at the demonstration sites: A combination of different protection practices namely the use of recommended varieties, timely sowing, management of important insect –pests, judicious use of insecticides on ETL basis and proper spray technology will be demonstrated to farmers in their adopted villages. The hand on training on different aspects of crop protection technology, surveillance of different insect pest of sugarcane, paddy and vegetables crops will be imparted to farmers. The data on incidence of insect-pests, no. of sprays, and product yield will be recorded for comparison purpose. Farmer meetings will be organized before the start and during the growing season of crops, at the demonstration sites for creating awareness and enhancing skills & knowledge about crops-protection technology among fellow farmers of the adopted villages.

2.6 The modes of operation:

- ❖ Pest control management of important insect pest will be demonstrated and hand-on training on different aspects of agronomic practices like date & time of sowing, eradication of weeds, judicious use of pesticides will be educated to farmers.
- ❖ IIL FOUNDATION will provide the required critical inputs like need based and other agro-chemicals for demonstrations and funds for conduct of farmers meeting, training and fields days etc. during cropping seasons.

Article- 3. Collaborative Research/ Extension Agreements (CREAs) & Extension Agreements

3.1 The Parties will on a case-by-case basis negotiate and agree on the terms of collaboration for specific joint projects through legally binding agreements including CREAs, Sub-grants, Confidentiality Agreements, Material Transfer Agreements and so forth without there being any implied obligation to enter into any collaboration except by mutual agreement.

3.2 The Parties shall select develop, plan and jointly implement the specific activities through such Agreements.

3.3 In the case of CREAs, it will inter alia specify:

- 3.3.1 the title of the specific project to be undertaken;
- 3.3.2 the specific objectives and procedures of the project;
- 3.3.3 the contributions and responsibilities of each Party;
- 3.3.4 the amount and source of funding, including schedule or payment and reporting;
- 3.3.5 the intellectual assets, and intellectual property ownership issues;
- 3.3.6 the special terms and conditions of performance of the CREAs; and
- 3.3.7 the rights and obligations of each Party; and any other provisions as may be relevant and/or applicable.

Such Agreements shall be expressed in English and shall only be effective and binding on the Parties if signed by the duly authorized signatory.

Article 4. Intellectual Property (IP) Management of Global Access

4.1 In Research/Extension Agreements between SVPUAT and IIL FOUNDATION, the following objectives inter alia will be: -

- a) respect for and sound management of IP in line with global access principles
- b) that access to outputs of collaborations remain available on a fair and equitable basis with as few restrictions as possible and promptly disseminated.
- c) allow for commercialization where necessary for product delivery and impact.
- d) protection of the Parties' confidential information.
- e) joint publications in compliance with scientific custom for attribution of authorship and acknowledgement.
- f) joint ownership of IP or non-exclusive, irrevocable, world-wide, royalty-free license to use any resulting IP as may be.

Article- 5. Funding-

5.1 This MoU carries no financial commitment on either Party. However, the Parties will endeavor to seek funding sources to support the objectives of this MoU.

Estimated Budget assistance from IIL Foundation (2022-2025)

Particular	Budget Estimate (Rs)			
	2022-23	2023-24	2024-25	Total
1. Field Assistant @ Rs 20000/month	2,40,000	2,40,000	2,40,000	7,20,000
Travelling Allowance	20,000	20,000	20,000	60,000
Recurring Contingences	1,25,000	1,25,000	1,25,000	3,75,000
Cost of inputs	25,000	25,000	25,000	75,000
Non recurring	50,000	50,000	50,000	1,50,000
Total	4.60lacs	4.60lacs	4.60lacs	13.80lacs

Institutional charges @ 20% per year

Year 2022-23 = Rs. 92000

Year 2023-24 = Rs. 92000

Year 2024-25 = Rs. 92000

Total Institutional charges = Rs. 2.76lacs

Grand total for three years = Rs. 16.56lacs

Field assistant will be required for the assistance in Demonstrations, Field days and farmers meeting in the selected villages under KVK, Hapur (UP)

Article 6. No Exclusivity

6.1 This MoU does not obligate either Party to work exclusively with the other on any Project whatsoever and this MoU does not make either Party an agent of the other.

Article 7. Independence of Parties

7.1 Neither Party has the authority, either expressed or implied, to enter into any agreement, incur any obligations on behalf of, or commit the other party in any manner whatsoever, except as is provided in this MoU

Article 8. Prior Agreement

8.1 This Agreement supersedes and replaces the Memorandum of Understanding, and previous agreements, if any, between the Parties.

Article 9. Legal Effect

9.1 Whereas the Parties intend to be legally bound by Research/Extension Agreements, this MoU is entered into in good faith as a basis for establishing institutional collaborations. Accordingly, this MoU is not intended by the Parties to be legally binding upon them and failure to enter into any subsequent Agreements or Projects shall not constitute any breach capable of raising any legal liability on the part of either Party.

Article 10. Notices

10.1 Notices or communication may be sent by physical delivery, by registered post at the address set out below or such other address as that Party may provide (for the purposes of this Article). The addresses are: -

A. Sardar Vallabhbhai Patel University of Agriculture & Technology
Physical Address: Modipuram, Meerut, Uttar Pradesh, 250110

Marked for the attention of: Vice Chancellor

IIL FOUNDATION,
Physically Address 404 Lusa Tower, Commercial Complex, Azadpur Delhi-110033

Marked for the attention: Managing Trustee

Article 11. Dispute Resolution

The parties agree that, in the future, if any of the terms herein are subject to questions of intent or interpretation, or if the Parties identify other issues that are not addressed in this MOU, the Parties will enter into good faith negotiations to resolve such issues, and such resolution will be incorporated as written amendments to this MoU. In case the dispute could not be resolved or failed to be resolved then the parties can opt for legal recourse available with them and the same shall be subject to the exclusive jurisdiction of the competent Court of Uttar Pradesh, India.

This MoU is without prejudice to cooperation which is being undertaken pursuant to other arrangements between the Parties in the field of Biotechnology.

Article 12 Termination

12.1 Either Party may terminate this MoU by giving at least three (3) months prior written notice to the other. The termination of this MoU will not affect the validity or duration of any implementing arrangements made under this MoU that are initiated prior to such termination.

Article 13. Commencement and Duration

This MoU shall commence upon signature by both the parties and remain in force for 3 Years (the "Term"), and shall renew upon the mutual consent of both the parties in writing for Such period as may be agreed between the parties unless terminated earlier in accordance with the provisions of Article 11. The MoU may be modified or amended at any time by mutual consent and written agreement of the Parties.

IN WITNESS WHEREOF, the duly authorized signatories of the parties have signed this MoU On 21st February, 2022 in two original copies in English version.

	Sardar Vallabhbhai Patel University of Agriculture & Technology	IIL Foundation
Signed:		
Title :	Dr. R. K. Mittal Vice Chancellor	Mr. Sandeep Aggarwal CFO/Trustee
Place:	Meerut. Uttar Pradesh. India	IIL Foundation, 404, Lusa Tower, Commercial Complex Azadpur, Delhi 110 033 Telephone Number: 011-27679700 Email: sandeep@iilindia.co.in
	Signed	Signed
WITNESS-I		
WITNESS-II		
Date:	21.2.2022	21.2.2022