

43RD ANNUAL REPORT

2022 - 2023



Integrated modern solutions for better crop protection

Farmers prosperity through enhanced productivity

Committed to advancing sustainable agriculture

Leadership in product stewardship



**CropLife India's
42nd Annual General Meeting and
National Conference for Self-Reliant India**



Sustainable Growth of Agriculture for Self-Reliant India

27 - 28 September 2022, New Delhi



Shri. Kailash Choudhary
Hon'ble Minister of State for
Agriculture and Farmers Welfare
Government of India



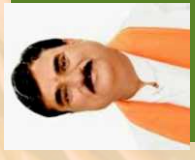
Shri. Surya Pratap Shahi
Minister of Agriculture
Government of Uttar Pradesh



Shri. Singireddy Niranjan Reddy
Minister of Agriculture, Marketing, Cooperation
Food, Civil Supplies and Consumer Affairs
Government of Telangana



Shri. B C Patti
Hon'ble Minister of Agriculture
Government of Karnataka



Shri. Kamal Patel
Hon'ble Minister of Agriculture and
Farmers Welfare
Government of Madhya Pradesh



Dr. Trilochan Mohapatra
Former Secretary
DARE and Director General-ICAR
Government of India



Mr. Praveen Pardeshi
Member - Administration
Capacity Building Commission



Prof. Indra Mani
Vice Chancellor
Vasantirao Naik Marathwada
Krishi Vidyapeeth
Parbhani, Maharashtra



Dr. S C Dubey
Assistant Director General
(PP&B)
Indian Council of Agricultural
Research (ICAR)



Dr. Sanjay Arya
Secretary
Central Insecticide Board and
Registration Committee
(CIB&RC)
Ministry of Agriculture and
Farmer Welfare
Government of India



Dr. Suresh Kumar Malhotra
Project Director
ICAR - Directorate of
Knowledge
Management in Agriculture



Mr. Abhishek Burman
General Aeronautics
Pvt.Ltd



Dr. Vandana Tripathy
Network Coordinator (AINP) Minister - Agriculture
Scheme Incharge (MPRNL)
All India Network Project
on Pesticides
Residues - ICAR



Mr. Mariano Beheran
Minister - Agriculture Attache
Embassy of Argentina



Dr. R. K. Malik
Country Coordinator
CIMMYT



Mr. Ron Verdonk
Minister-Counselor for
Agricultural Affairs
Embassy of the
United States of America



Mr. Shashank Kumar
CEO and Co-founder
DeHaat



Dr. Siang Hee TAN
Executive Director
CropLife Asia



Mr. Yatharth Bhardwaj
Head - Waste Management,
EPR and compliance
The Shakti Plastic Industries



Mr. Nand Kishore Aggarwal
Chairman
Crystal Crop Protection Limited



Dr. K C Ravi
Chairman
CropLife India



Mr. Anil Kakkar
Vice Chairman
CropLife India



Mr. Srinivasa Kumar Karavadi
Vice Chairman
CropLife India



Mr. Sanjiv Lal
Managing Director & CEO
Rallis India Limited



Ms. Vedika Kapoor
Head - Government and
Industry Affairs
(South Asia)
CortevaAgriscience



Mr. Vivek Sharma
Head - Marketing
Agricultural Solutions
(South Asia)
BASF India Limited



Mr. Rahul Dhanuka
Chief Operating Officer
Dhanuka Agritech Limited



Mr. Ankur Aggarwal
Managing Director
Crystal Crop Protection Limited



Mr. Dharmesh Gupta
Managing Director
Bharat CeratisAgri
Science Limited



Mr. Raju Kapoor
Public & Industry Affairs
FMC India Private Limited



Knowledge Partner

Nangia Andersen LLP
A member firm of ANDERSEN GLOBAL

Media Partner





About CropLife India

CropLife India is a leading industry association of both Indian and Global R & D driven crop science organizations. CropLife India jointly represents around 70% of the Indian crop protection market and are responsible for 95% of the molecules introduced in the country. Our member companies have an annual global R & D spend of over INR 50,000 crores.

Our member companies were established in India as far back as the 1950s. We continue to work hand-in-hand with the Government to build the agriculture sector – from introduction of several newer and safer molecules, direct investment of building factories, jobs creation, bringing in agriculture innovation and working endlessly over the years with multi-stakeholders to enhance agriculture productivity. All member companies are firmly committed to engage with the farming community to enable Safe, Secure and Sustainable Food Supply.

CropLife India members enable farmers adopt new technologies in agriculture, while providing in depth farmer trainings on good farming practices, including responsible use of crop protection products, container management and spraying techniques promotion of safe, responsible & judicious use of crop protection products under Integrated Pest Management approach.

CropLife India extensively engages with the farming community including dealers and traders for growing safe, secured and nutritious food committed to responsible crop care and crop production for sustainable development of Indian Agriculture.

CropLife India is a not for profit organization, (registered under Section 8 company) wholly funded by membership. CropLife India is a part of the CropLife International Network; and works closely with CropLife Asia & CropLife International, spread across 91 countries while engaging with diverse stakeholders to drive programs on Progressive Regulations, IPR/Data Protection, Policy & Advocacy, Communications & Outreach, Anti-Counterfeiting and Product Stewardship.

ASSOCIATION REPRESENTING INDIAN PLANT SCIENCE INDUSTRY



OUR MEMBERS

- ❖ ADAMA India Pvt. Ltd., Hyderabad
- ❖ BASF India Ltd., Mumbai
- ❖ Bayer CropScience Ltd., Mumbai
- ❖ Corteva Agriscience India Pvt. Ltd., Mumbai
- ❖ Crystal Crop Protection Ltd., Delhi
- ❖ Dhanuka Agritech Ltd., Gurugram
- ❖ FMC India Private Ltd., Mumbai
- ❖ Indofil Industries Ltd., Mumbai
- ❖ PI Industries Ltd., Gurugram
- ❖ Rallis India Ltd., Mumbai
- ❖ Sumitomo Chemical India Ltd., Mumbai
- ❖ SWAL Corporation Ltd., Mumbai
- ❖ Syngenta India Pvt. Ltd., Mumbai

OUR ASSOCIATE MEMBERS

- ❖ Bharat Certis Agriscience Ltd., New Delhi
- ❖ Nisso Chemical India LLP, Gurugram
- ❖ T. Stanes & Company Ltd., Coimbatore





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KEYNOTE
MESSAGE

नरेन्द्र सिंह तोमर
NARENDRA SINGH TOMAR

D.O. No. 918/JAM



सत्यमेव जयते

कृषि एवं किसान कल्याण मंत्री
भारत सरकार
कृषि भवन, नई दिल्ली
MINISTER OF AGRICULTURE & FARMERS WELFARE
GOVERNMENT OF INDIA
KRISHI BHAWAN, NEW DELHI



MESSAGE

I am pleased to note that CropLife India is organizing a National Conference on 28th September 2023 in New Delhi on the occasion of its 43rd Annual General Meeting. Please accept my best wishes for the Annual Report which will be released on this occasion.

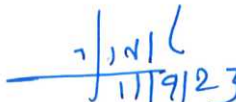
After the independence, Indian agriculture has witnessed multiple revolutions – Green, White, Yellow, Blue etc. to become self-sufficient and is further geared to reach greater heights in becoming the number one in the agriculture sector. In sync with the growth and vision of the agriculture sector, CropLife India has selected an apt theme for the National Conference “*India - An Emerging Global Food Hub - Role of Sustainable Crop Protection Solutions*”.

In India, Agriculture is an integral part of Indian life and also of the economy. Agriculture and allied sectors have seen significant growth with net budget of the Ministry growing five folds from around 23,000 crores in 2013-14 to around 1,25,000 crores this year. In order to boost the sector, the Central Government is working continuously for betterment of small farmers of the country. Many important schemes are being implemented in this direction, so that the challenges of farming can be reduced and the income of the farmers can be increased. These initiatives are designed to provide support and guidance for the aggregation of small, marginal, and landless farmers into FPOs, thereby bolstering their economic viability and strengthening their market opportunity, ultimately leading to an improvement in their income levels. Simultaneously, the Government is also working towards integrating new technologies with the agriculture sector.

Digitization in all the sectors of agriculture, as it is a dream of **Hon'ble Prime Minister** for faster and easy access of agricultural inputs, bringing transparency in dealings and doubling of farmer's income. Industry Collaboration will play an important role in the success of the digital agriculture mission.

India is the fourth-largest producer of crop protection products in the world, and the sector has a huge potential for growth with the help of research and innovation. The Government has included the crop protection (agro chemicals) sector among the *Champion Sectors* where India can play an important role in the global supply-chain.

I am content to learn that CropLife India has aligned with key Government Initiatives like 'Make in India'. Farmer outreach is a constant endeavor, to promote Responsible Use of Crop Protection Products and the efforts are well acknowledged and we completely support these initiatives.


(Narender Singh Tomar)

Office : Room No. 120, Krishi Bhawan, New Delhi-110 001 Tel.: 23383370, 23782691 Fax : 23384129
Resi. : 3, Krishna Menon Marg, New Delhi-110001, Ph. : 011-23794697 / 98, Fax : 011-23794696

FROM THE CHAIRMAN'S DESK



The year 2023 has been momentous as we've made significant strides during India's Presidency of the G20. "India's G20 Presidency, themed One Earth, One Family, One Future," draws inspiration from our ancient Sanskrit text of the Maha Upanishad "**Vasudhaiva Kutumbakam**" meaning "**The Whole World is One Family**". The New Delhi Leaders' Declaration is also a testament to India's diplomatic prowess and the G20's commitment to addressing global issues collectively and with zeal, prominently recognizes the future path for agriculture also.

The Declaration committing to eliminate Hunger and Malnutrition stresses on accelerating innovations and investment focused on increasing agricultural productivity, reducing food loss and waste across the value chain, and improving marketing and storage, to build more sustainable and climate-resilient agriculture and food systems. Equally critical and essential for our industry is the acknowledgment of agriculture inputs. The Declaration, while committing to enhance global food security and nutrition for all underscores "the importance of increasing access to, availability, and efficient use of fertilizer and agricultural inputs, including strengthening local fertilizer production, and improving soil health."

Implicit in this statement is the pivotal role of the crop protection industry. Our industry is contributing to the significant achievements in agriculture food production and more significantly exports. From a mere 50 million tonnes of exports at the dawn of independence, our agricultural exports have grown exponentially, reaching a value of over USD 50 billion in 2021-22. The introduction of High Yielding Variety (HYV) seeds, high-quality fertilizer and crop protection products has fueled this momentum.

Also it is worthy of note that according to the latest data from the WTO, India has emerged as the second-largest exporter of agrochemicals globally. In the financial year 2022-23, agrochemical exports from India reached US\$ 5.4 billion (Rs. 43,223 crores), up from US\$ 4.9 billion (Rs. 36,521 crores) in the financial year 2021-2022. The government identified the agrochemical industry as one of the 12 champion industries where India can play a significant role in the global supply chain, and the industry is proving its resilience.

The '**Amrit Kaal**' is poised to be a transformative phase in Indian agriculture. The consistent focus on the digitization of farming, in line with Prime Minister Narendra Modi's vision to empower our '**Annadatas**,' will revolutionize Indian agriculture over the next 25 years, easing the toil of our farmers and creating new opportunities for rural youth and farm workers.

The Centre's plan to build a digital public infrastructure for the agriculture sector is set to be a game-changer. This open-source digital public good will support the growth of the agri-tech industry and startups, enabling an inclusive farmer-centric ecosystem with relevant information services for crop planning and improving access to farm input, credit, insurance, crop estimation, market intelligence, and the growth of agri-tech industry and startups. The Government of India's Digital Agriculture Mission 2021-25 underscores the importance of projects predicated on technologies such as artificial intelligence, block-chain, remote sensing, GIS technology, drones, and robots to galvanize agricultural transformation. There are immense opportunities to promote Public-Private Partnerships as industry also is deploying cutting edge technologies to address the various challenges of the farmers.

Digital technology is pivotal in supporting innovation, boosting productivity and profitability, and endorsing sustainable farming practices. Increasingly, farmers can harness digital tools to manage farms efficiently, reduce production costs through judicious input utilization, detect pests, access weather and market information, and streamline waste management. The convergence of AI and IoT with big data, sensors, drones, and computer imaging, bolstered by analytical tools, furnishes actionable insights that drive progress.

However, we recognize that rural-to-urban migration has hindered the supply of agricultural labor, and this trend must be reversed. This can only happen if farmers are equipped with the latest and a wider range of technologies to tackle the increasing challenges posed by pests, diseases, and climate change. CropLife India has been at the forefront of advocating for the use of drones in spraying crop protection products. We provided inputs, suggestions, and shared best practices during the deliberation process for the expeditious release of SOP and Guidelines for spraying agrochemicals through Kisan Drones.

CropLife India continued to prioritize safety as the key driver for resilient and sustainable agriculture throughout the last year. Recognizing our efforts, CropLife India was honored at the **India Public Relations and Corporate Communications Conference and Awards (IPRCCA) 2022** under the **Corporate Communications category**.

CropLife India will continue to collaborate with all stakeholders to ensure a predictable, science-based policy and regulatory regime that enhances the crop protection sector's ability to make Indian agriculture sustainable—this remains our ongoing agenda. As always, the Secretariat has been at the forefront of all our activities. A big thank you and compliments to the entire team who worked tirelessly to implement all the initiatives during the year. I am thankful for the leadership and guidance of all Committees and Groups, making the year highly productive for our industry.

I would also like to take this opportunity to thank my Co-Chairs Shri. Anil Kakkar and Shri. Srinivasa Karavadi for their continued support during the year. I thank our Board of Directors for their contribution in implementing the learnings of the pandemic, which highlighted the vulnerability of supply chains and brought the focus back to strengthening Indian manufacturing. It is heartening to note that the CropLife India Board meetings, various Committee meetings, seminars, and meetings with external stakeholders saw record participation. I wish all members continued success and prosperity as we work together to leverage CropLife India's platform for nation-building.

Dr. K. C. Ravi
Chairman, CropLife India

BANKERS

Central Bank of India (GEN)

New Delhi-110021

State Bank of India (FCRA)

New Delhi - 110001

HDFC Bank Limited

New Delhi - 110066

Punjab National Bank (Petty Cash)

New Delhi - 110066

CHARTERED ACCOUNTANTS

ARG & Co. LLP

417-419, Tower B, Pearl Omaxe, B-1
Netaji Subhash Place, Pitampura, Delhi - 110 034
Ph. : 011-47019833/47082733
e-mail : arg@arg.net.in
website : www.arg.net.in

BOARD MEETINGS:

The Board of Directors met **Four times** during the year 2022-2023 to discuss key issues confronting the industry and other agenda items.

AUDITORS

M/s Gupta S Narain & Co.

Chartered Accountants
21-A, GH-10, Sunder Apartments
Paschim Vihar
New Delhi -110087
Ph: 011- 25281715

COMPANY SECRETARY

Shiv Hari Jalan & Company

1055, Level 10, Hubtown Solaris
N.S. Phadke Marg, Andheri East
Mumbai - 400069
Ph: 022-22075834, 22075835
E-mail: shivharijalan@cs@gmail.com

REGISTERED OFFICE

CropLife India

702, 7th Floor, Bhikaji Cama Bhawan
6, Bhikaji Cama Place, New Delhi - 110 066.
Phone: 011-26196681
E-mail: anjana.sundriyal@croplifeindia.org
Website: www.croplifeindia.org

Election/Appointment of Chairman & Two Vice Chairmen

The terms of appointment of the Chairman and two Vice Chairmen had expired at the time of the Forty-Second (42nd) Annual General Meeting, which was held on 28th September, 2022 in New Delhi. The following individuals were reappointed, following the elections:

- ❖ Dr. Karungulam Chandrasekharan Ravi was elected as Chairman
- ❖ Mr. Anil Kakkar was elected as Vice Chairman
- ❖ Mr. Srinivasa Karavadi was elected as Second Vice Chairman

BOARD OF DIRECTORS

FY 2022-23

Dr. K. C. Ravi

Chairman, CropLife India
Chief Sustainability Officer
Syngenta India Pvt. Ltd.



Mr. Anil Kakkar

Vice-Chairman, CropLife India
Vice President-Sales & Marketing
Sumitomo Chemical India Ltd



Mr. Srinivasa Karavadi

Vice Chairman, CropLife India
Head of Market Development
India Bangladesh & Sri Lanka
Bayer CropScience Ltd
September 2019 - July 2023



Mr. Ramkishan Rao Thanugula

Additional Director and
Head of Strategy & Portfolio
ADAMA India Pvt. Ltd.



Mr. Vivek Sharma

Head - Asset Management &
Business Lead
Pakistan, Bangladesh, Sri Lanka
BASF India Ltd.
October 2020 - August 2023



Ms. Anuja Kadian

Government & Industry Affairs
Director- APAC,
Corteva Agriscience India Pvt. Ltd.



Mr. Ankur Aggarwal

Managing Director
Crystal Crop Protection Ltd.



Mr. Rahul Dhanuka

Chief Operating Officer
Dhanuka Agritech Ltd.



BOARD OF DIRECTORS

Mr. Ravi Annavarapu

President
FMC India Pvt. Ltd.



Mr. N. C. Rane

COO - GLOBAL
Indofil Industries Ltd.
November 2018 - May 2023



Mr. Prashant Hegde

CEO - Agri Input
PI Industries Ltd.



Mr. Sanjiv Lal

Managing Director & CEO
Rallis India Ltd.



Dr. Ajit Kumar

Vice President - Technical &
Development
SWAL Corporation Ltd.



ASSOCIATE DIRECTORS

Mr. Kimihide Kondo

Managing Director
Bharat Certis Agriscience Ltd.



Mr. Sajal Kumar Biswas

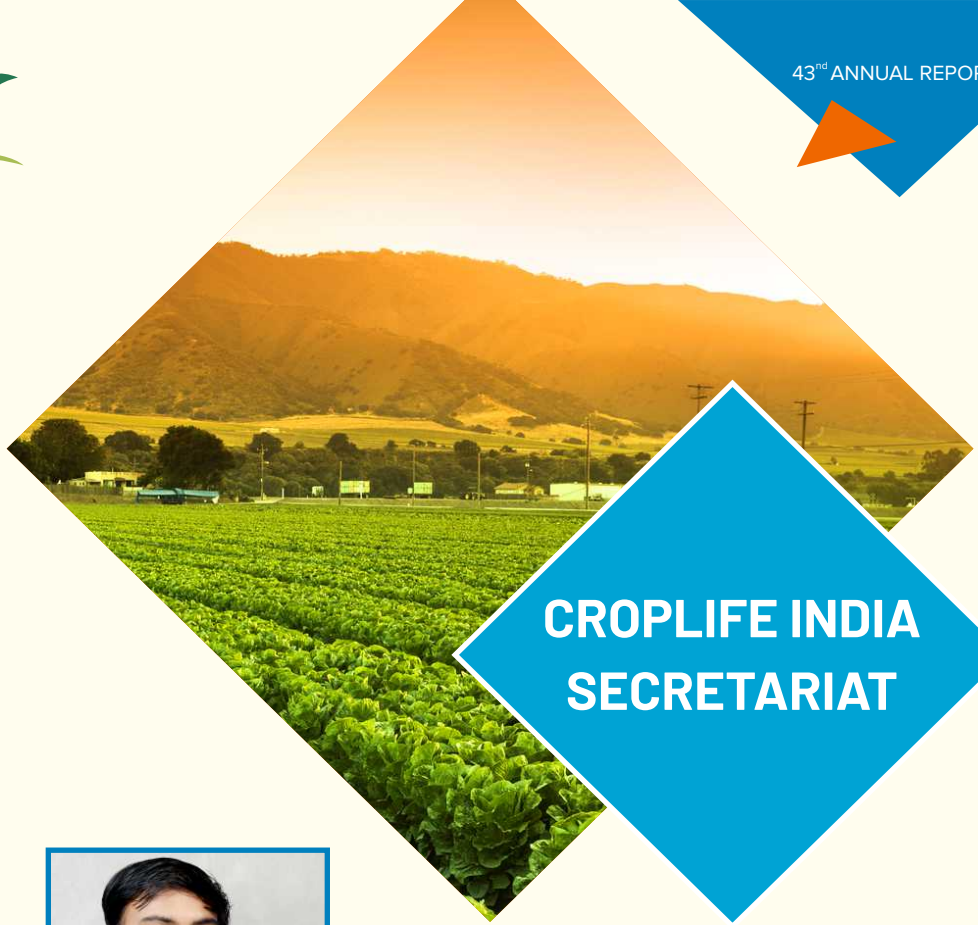
Director (Business Development)
NISSO Chemical India LLP



Ms. Lakshmi Narayanan

Wholetime Director
T. Stanes & Company Ltd.





CROPLIFE INDIA SECRETARIAT



DURGESH CHANDRA SHARMA

Secretary General
November 2022 onwards



JOYDEEP CHAKRABORTY

Head - Communications



ANJANA SUNDRIYAL

Head - Human Resources &
Finance



DR. RAKESH KUMAR DAHIYA

Head - Regulatory Affairs
December 2022 onwards



SONY MANGAI

Senior Manager - Stewardship
& Anti-Counterfeit Projects
July 2012 - March 2023

The CropLife India Secretariat is led by a dedicated team of professionals, who play an important role in engaging with diverse stakeholders. Domain experts in the fields of Regulatory Affairs, Anti-Counterfeiting, Stewardship, Communications and Accounts, Compliance and Human Resources; hold the mantle of CropLife India. The association has committees for various disciplines, which are represented by member companies' experts. The different committees meet at regular intervals to carry out focussed programs, projects and engagements, to take forward the association's strategic objectives along with its vision and mission. The functional heads at the secretariat ensure that the strategic initiatives are implemented at various levels throughout the year.

COMMITTEES

NAME

COMPANY

❖ Arpita Roy Ambesh Dubey Prasana Gudapati	Adama India Pvt Ltd
❖ Yuvraj Chopra Anirban Gangopadhyay Pralhad More	BASF India Ltd
❖ Manoj Lingeri P Suresh Neha Sawant	Bayer CropScience Ltd
❖ Deepa Kathuria Chirag Nabonita Ganguly	FMC India Pvt Ltd
❖ Ramaiah Valasubramanian Mathew Abraham Subhash Singh	Corteva Agriscience India Pvt Ltd
❖ Prajwal P. Nalavade" Jitendra Pathak" Swapnil Deogharkar	Indofil Industries Ltd
❖ R D Kapoor Praful Bhamare	PI Industries Ltd
❖ Vijay Jha Narasimha Murthy K J Srivalli	Rallis India Ltd
❖ Amitava Sanyal" Shekhar Varshney Nitika Aggarwal	Sumitomo Chemicals India Ltd
❖ Anand Jha Ravi hegde	SWAL Corporation Ltd
❖ Rajesh Dhawan Manish Jain Preeti Agarwal	Syngenta India Pvt Ltd
❖ Ranjesh Kumar Singh Naveen Kumar	Bharat Certis Agriscience Ltd
❖ Sushil Mishra Ashok Kumar Girish Ahuja	Crystal Crop Protection Ltd
❖ Ajeet Singh Tomar Tariq Anwar Priyanka Aggarwal	Dhanuka Agritech Ltd
❖ S. R. Viswanathan A. Prabha	T Stanes & Co. Ltd
❖ Durgesh C Sharma Rakesh Kumar	CropLife India

Regulatory Affairs

Anil Kakkar - Mentor
Rajesh Dhawan - Lead
Manoj Lingeri - Co-Lead

COMMITTEES

**Stewardship and
Anti-Counterfeit**
Ravi Annavarapu - Mentor
Sushil Desai - Lead
Gunjan Bisht - Co-Lead

NAME

- ❖ Chidambar Phadinis
Rajshekhar Kataji
- ❖ Gunjan Bisht Mehta
- ❖ Basavarajappa N
Ramesh Kailasam
- ❖ Ambesh Dubey
- ❖ Ajay Kumar Gupta
Prasun Sarkar
- ❖ Mr. Amit Kumar Singh
Mr. Atul Khajuria
- ❖ C.S. Shukla
Surender Agarwal
- ❖ Sushil Desai
- ❖ Amol Jhadav
P Raja
- ❖ RG Agarwal
- ❖ Prashant Argekar
- ❖ Atimanav Gaur
- ❖ Sony Mamgai
- ❖ Madhukar Chugh
Sudhanshu Srivastava
Dr. Ranjesh Kumar Singh

COMPANY

- Syngenta India Pvt Ltd
- BASF India Ltd
Corteva AgriSciences India Pvt Ltd
- ADAMA India Ltd
PI Industries Ltd
- Indofil Industries Ltd
- Crystal Crop Protection Ltd
- Bayer CropScience Ltd
Rallis India Limited
- Dhanuka Agritech Ltd
Sumitomo Chemical India Ltd
SWAL Corporation Ltd
FMC India Pvt Ltd
Bharat Certis Agriscience Ltd

NAME

- ❖ Tarun Bhalla
- ❖ Girish Rao
Tejal Panchamia
- ❖ Phani Goruganthu
- ❖ Lalit Tiwari
- ❖ Nilesh Limaye
- ❖ Gaurav Arora
- ❖ Poovanan Krishnamurthy
- ❖ Devendra Joshi
Piyush Kumar
- ❖ Nabeel Saleem
- ❖ Juhi Chaudhary
- ❖ Jitin Sadana
- ❖ Subramaniam Iyer
- ❖ Ranjesh Kumar Singh
Naveen Kumar
- ❖ Durgesh Sharma

COMPANY

- Syngenta India Pvt Ltd
BASF India Ltd
- Corteva AgriSciences India Pvt Ltd
ADAMA India Pvt Ltd
FMC India Pvt Ltd
PI Industries Ltd
Indofil Industries Ltd
Crystal Crop Protection Ltd
- Bayer Crop Science Ltd
Rallis India Limited
Dhanuka Agritech Ltd.
Sumitomo Chemical India Ltd
Bharat Certis Agriscience Ltd
- CropLife India

Legal

Srinivas Karavadi - Mentor
Tarun Bhalla - Lead
Nabeel Saleem - Co-Lead
Girish Rao - Co-Lead
Nilesh Limaye - Co-Lead

COMMITTEES

Advocacy & Communication

Dr. K. C. Ravi - Mentor
Rajvir Rathi - Lead
Advocacy
Ms. Anuja Kadian - Co-Lead
Raju Kapoor - Co-Lead
Communication
Himanshu Barsainya
- Co-Lead

NAME

- ❖ Srinivasa Rao
- ❖ R Vaithyanathan
Tehseen Zaidi
- ❖ Ms. Anuja Kadian
Ms. Ruchira Saini
- ❖ Raju Kapoor
- ❖ Yogesh Agarwal
Jagadeesh Yerneni
- ❖ Himanshu Barsainya
CS Shukla
Girish Ahuja
- ❖ Rajvir Rathi
- ❖ Vijay Jha
- ❖ Ajeet Singh Tomar
- ❖ HN Airi
- ❖ Yuvraj Chopra
- ❖ Ranjesh Kumar Singh
Naveen Kumar
- ❖ H.M. Venkatesh
Parmanand Pandey
- ❖ Sajal Biswas
- ❖ Durgesh Chandra
Joydeep Chakraborty

COMPANY

ADAMA India Ltd
Syngenta India Pvt Ltd

Corteva AgriSciences India Pvt Ltd

FMC India Pvt Ltd
Indofil Industries Ltd

Crystal Crop Protection Ltd

Bayer Crop Science Ltd
Rallis India Limited
Dhanuka Agritech Ltd.
Sumitomo Chemical India Ltd
BASF India Ltd
Bharat Certis Agriscience Ltd

PI Industries Ltd

NISSO Chemical India LLP
CropLife India

- ❖ R Vaithyanathan
Tehseen Zaidi
 - ❖ Prashant Joshi
 - ❖ Anuja Kadian
Ramesh Kailasam
 - ❖ Srinivasa Rao
 - ❖ Salesh Madiratta
Minal Masurekar
 - ❖ Yogesh Agarwal
Jagadeesh Yerneni
 - ❖ Ajit Shankhdhar
Purnajit Bhowmick
Girish Ahuja
 - ❖ Rajvir Rathi
 - ❖ Sukhbir Malik
P Raja
 - ❖ R G Agarwal
 - ❖ HN Airi
 - ❖ Ranjesh Kumar Singh
Nishin Saxena
 - ❖ Prasun Sarkar
Priful Bhamare
 - ❖ John Mathews
 - ❖ Durgesh Sharma
Joydeep Chakraborty
- Syngenta India Pvt Ltd
- BASF India Ltd
Corteva Agriscience India Pvt Ltd
- ADAMA India Pvt Ltd
FMC India Pvt Ltd
- Indofil Industries Ltd
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- Bayer CropScience Ltd
Rallis India Ltd
- Dhanuka Agritech Ltd
Sumitomo Chemical India Ltd
Bharat Certis Agriscience Ltd
- PI Industries Ltd
- T. Stanes & Company Ltd
CropLife India

State Affairs

Sanjiv Lal - Mentor
Raju Kapoor -Lead
Ramesh Kailasam - Co-Lead



NATIONAL CONFERENCE ON "SUSTAINABLE GROWTH OF AGRICULTURE FOR SELF-RELIANT INDIAN" - PROCEEDING

National Conference on "Sustainable Growth of Agriculture for Self-Reliant India"

NATIONAL CONFERENCE ON "SUSTAINABLE GROWTH OF AGRICULTURE FOR SELF-RELIANT INDIA"

Inaugural Session - "Agriculture Transformation during 'Amrit Kaal' - Role of Crop Protection"



Shri. Kailash Choudhary
Hon'ble Minister of State for Agriculture and Farmers Welfare
Government of India

Engines of Growth - "Perspectives of State Governments"



Shri B. C. Patil
Hon'ble Minister of Agriculture
Government of Karnataka
Mr. Anil Kakkar, Dr. K. C. Ravi, Shri S. Niranjan Reddy,
Shri Surya Pratap Shahi, Shri Kamal Patel & Mr. Rahul Dhanuka

"International Perspective: India @100"



Mr. Vivek Sharma, Mr. Ron Verdonk, Mr. Mariano Beheran
Dr. Siang Hee TAN & Mr. Sanjiv Lal

"Enhancing Crop Protection Efficiency"



Mr. Shashank Kumar, Dr. R. K. Malik, Mr. Yatharth Bhardwaj,
Ms. Vedika Kapoor & Dr. Siang Hee TAN

"Ease of Doing Business - The Path Ahead"



Dr. Rajesh Dhawan, Mr. Raju Kapoor, Mr. Ankur Aggarwal, Dr. Sanjay Arya, Dr. P. K. Singh
Dr. S. C. Dubey, Dr. Suresh Kumar Malhotra & Dr. Vandana Tripathy

Special Plenary Session



Mr. Anil Kakkar, Mr. Praveen Pardeshi, Dr. Trilochan Mohapatra,
Dr. K C Ravi & Mr. Srinivasa Kumar Karavadi

CropLife India; the leading association of domestic and multinational R&D driven crop science companies organized a two day **National Conference** on the occasion of its 42nd AGM, which witnessed the congregation of the **Union Minister of State for Agriculture and Farmer Welfare, Four Agriculture Ministers** from the key States of Uttar Pradesh, Madhya Pradesh, Telangana and Karnataka, senior Government officials, experts and industry leaders.

"CropLife India and our members are committed towards making India self-reliant and Agriculture is an imminent part of it. The crop protection industry has been making an immense contribution to Indian Agriculture in the last 75 years and is committed to contribute during the **"Amrit Kaal"**.

CropLife India believes that the need for a predictable, stable and science based policy and regulatory regime for the proper growth of the crop protection sector is imperative; which would promote innovation and new product introduction to address the current and upcoming challenges faced by farmers; while paving the way with introduction of cutting edge technologies like Artificial Intelligence and Drones.

CropLife members continue to work closely with farmers, scientific community and policy makers to address current as well as future challenges. The cost of discovery and development of a new active ingredient is around **INR 2000 crores**. If Indian agriculture must flourish, be more competitive, quality driven, reducing wastages as well as losses to enable our farmers to be more successful; it is absolutely essential that a progressive policy environment is in place that fosters innovations.

KEY MEETINGS

A Senior Delegation from CropLife India met **Shri Arun Baroka, Secretary, Department of Chemicals and Petrochemicals, Ministry of Chemicals and Fertilisers, Government of India** on 8th December 2022.



A Senior Delegation from CropLife India met **Shri Narendra Singh Tomar Honorable Minister of Agriculture and Farmers Welfare, Government of India** on 19th April 2023.

AWARD

CropLife India was awarded by **India Public Relations and Corporate Communications Conference and Awards (IPRCCA) 2022** under the **Corporate Communications** category on 05th May 2023 at The Leela Ambience, Gurugram.

IPRCC has been a marquee event of the **e4m Exchange 4 Media Group** and has been recognizing Communications & Public Relations Campaigns and Professionals from the past **13 years**. The IPRCC and IPRCCA are among the most prestigious forums that bring industry leaders, thinkers, experts under one roof. The thought leaders bring fresh perspective on the know-how of the communications fraternity. This year, e4m received more than **750 entries under 82 categories**, which is a testimony of the veracity of the platform.

The jury was chaired by JagdishMitra, Chief Strategy Officer and Head of Growth, Tech Mahindra, and Dr AnnuragBatra, Chairman & Editor-in-chief, BW Business World and e4m group.

The award reflects the collective efforts of all the committees and Congratulations to the entire CropLife fraternity for this achievement!!



ADVOCACY WITH STATE GOVERNMENTS

The Advocacy & Communications Committee of CropLife India has been engaging with State Governments for 'Ease of Doing Business' and outreach.

GLIMPSES

Advocacy with the Government of Punjab



CropLife India has been advocating about not to engage in Ban of agrochemicals and creation of Basmati Net and to work towards educating and training basmati rice farmers / dealers in the State on responsible use of agrochemicals. Multiple representations have been submitted and delegation comprising of representatives from member companies have been meeting Government officials for the same.

A delegation comprising of representatives from member companies met **Ms. Rupanjali Kartik, Additional Chief Secretary - Agriculture, Punjab on Tuesday, 24th January 2023 in Chandigarh, Punjab.**

Advocacy with the Government of Gujarat



A delegation comprising of representatives from member companies met **Shri Raghavjibhai Hansrajibhai Patel Hon'ble Minister of Agriculture, Government of Gujarat** on 28th August 2023.

Advocacy with the Government of Maharashtra



A Senior Delegation from CropLife India met **Shri Dhananjay Munde, Honourable Agriculture Minister, Maharashtra** on 29th August 2023.

The matter of discussion was the proposed amendment by the Government of Maharashtra in the Insecticide Act and making a cognizable and non bailable offence.

Advocacy with the Government of Haryana



A delegation comprising of representatives from member companies met **Shri Jai Parkash Dalal, Hon'ble Minister of Agriculture, Government of Haryana** on 03rd August 2023.



Interactive Session with

Shri S. Niranjan Reddy

Hon'ble Minister of Agriculture, Marketing and Cooperation,
Government of Telangana



CropLife India organised an **Interactive Session** with **Shri S. Niranjan Reddy, Hon'ble Minister of Agriculture, Marketing and Cooperation, Government of Telangana** on the **29th March 2023** at Hyderabad.

Key objective of the programme was to deliberate on the role of the agro-chemicals in increasing agricultural productivity and explore the opportunities for more collaboration between the Telangana State Government and the crop protection products industry for the benefit of the farmers.

Shri Niranjan Reddy, while sharing his views, highlighted that it has been his endeavour to engage in a dialogue with the industry, which would enable him to draft better policies. The legislations drafted in agriculture, have concerning areas which leads in ambiguity in its implementation. This many a times leads to cumbersome processes to the industry despite their enormous efforts towards technology transfer to farmers. In case of issues, the **legislations provide only legal intervention and leading to high costs towards legal activities rather than being spent on farmers**. The industry is thus being asked to provide suggestions for constructive changes in the legislation.



The Hon'ble Minister while further highlighting the need of R&D and efforts of crop protection industry, said, Food Security will remain to be an eternal subject and agriculture will be the focus, which is a primary source of food. The **industry's efforts towards Research & Development are highly appreciated** as it will ensure quality food, which is the need of the hour. As the progressive world looks for quality food products, **obscure and unsubstantiated methodology should be omitted by science-based Research & Development.** In order to tackle the constant changes in the pest pattern, raising farmers' awareness on the technology of crop protection molecules and its usage, needs to be a constant endeavour and both the Government and the industry need to play a role in the same. Unlike Europe and other countries, where the pest attack is handled by the agrochemical company and the farmer need not worry for the entire process of identification of the pest, selection of the product, spraying technique, etc.; such facilities are missing in India.

The Hon'ble Minister shared that India does not have a molecule against Black Thrips, an invasive insect species from Indonesia. Registration of molecules in India is a time-consuming process as the molecules needs to undergo several trials and then the registration is granted by the Government of India. Being a victim of the pest myself, I intervened to expedite the process of registration during the Chili attack. **The absence of time-based regulations for agrochemicals is a challenge and industry's suggestions are always welcome.**



REGULATORY AFFAIRS & EVENTS



CropLife India Regulatory Affairs Committee is engaged in promoting scientific approach in Product Regulation and Registration in India. The Regulatory Affairs Group (RAG) has always mooted to adopt International Best Agricultural Practices and policies that has helped and improved Farmers Welfare.

Key Highlights of CropLife India Regulatory Affairs are:

1) Process and Policy Recommendations for New Molecule definition

Currently, about 1175 number of pesticide molecules are available globally. Out of which, only 318 are currently registered in India to protect 140 million hectares of diverse crops across the country. This shows that Indian farmers have a limited choice of safe and efficient crop protection products in their fight against the ever-evolving pests/ crop diseases/weeds & climate change. This also points to the need for bringing new products to the Indian farmers.

The initiative to define new molecule started in January 2022. CLI requested the Govt. to adopt the definition given and proposed by the Satwant Reddy Committee Report dated 31st May 2007 and which read as under- "New Chemical Entity (NCE): An agrochemical product which contains an active ingredient that has not been previously approved in India irrespective of whether the product is patentable or not".

The CIB&RC in its 437th meeting of Registration Committee (RC) held on 16.03.2022, accepted the recommendations of the Sub-Committee under the Chairmanship of PPA on the criteria for new molecules defined as "A molecule, which is applied for grant of registration in India within 5 years of its registration anywhere in the world, may be considered as New Molecule". One of the

recommendations of the Sub-Committee was effective implementation of granting fast track registration of such new molecules. The need and importance of implementing the fast-tracking of the registration of new molecules and their formulations was also highlighted and discussed during the Chintan Shivir organized by the Ministry of Agriculture & Farmers Welfare on 7th and 8th July 2023.

In 2023, the registration fee for new Pesticides has been increased multi-fold [45 times increase in registration fee for 9(3) applications] and the harmonized/ updated guidelines for registration of new products (TI/TIM/FI/FIM) u/s 9(3) have also been framed by the CIB&RC (vide 449th RC meeting held on 26th July 2023). CropLife India firmly believe that these developments now fully support in implementing the 437th RC decision for granting the fast-track registrations to new Pesticide molecules/formulations, meeting the defined stipulations.



2) 3D-Regulatory Reforms meeting with Govt. of India

In order to transform the overall registration process of crop protection sector for the benefits of the farmers, a 3D regulatory reforms agenda was prepared by CropLife India RAG committee. The 3D regulatory reforms proposed reforms in registration process, modalities for outsourcing of registration application review at external govt institutes/Exports, GLP, 5-Batch Chemical equivalence testing, in process-sampling, minor changes, PRD, TI/TIM & FI/FIM, Custom manufacturing, Chemistry, Bioefficacy, Packaging, Toxicology data requirements, Pesticide Review, Dual use, E-commerce of Pesticides, Uniform infrastructure and checklists for issuance of manufacturing/ sale license, etc. Later on, the agenda was expanded to cover 29 Regulatory issues.

Consequently, the three meetings on the agenda of Regulatory reforms on 17th, 24th Feb and 3rd March 2021 brought together the Govt. officials (JS PP, Ag. Comm., PPA, ADG-PP, Secretary, CIBRC and its experts, Agriculture Universities and IARI) and representatives from Industry Associations (CII, FICCI, Assocham, PHDCCI, CCFI, PMFAI, HICA,

HPMA, CAPMA, etc.) Subsequently, CIBRC regularized 9 regulatory data requirements through 427th RC on 25th March 2021.

As an outcome of subsequent meetings with PPA and Secretary, CIBRC, user friendly Templates of Data requirements and its evaluation for Chemistry, Bioefficacy and Toxicology data were developed by CropLife India Regulatory Affairs Committee and were reviewed and finetuned after multiple review meetings. Another meeting of all association was called on 11th October 2021 under the Chairmanship of Dr. Pramod Meherda, JS(PP) and follow up letter was submitted on 12th October 2021. The agenda was again reenergized by having a meeting on 22nd July 2022 under the chairmanship of Dr JP Singh.

The CropLife India delegation had a meeting on 07.12.22 with the Sh. Susanta Kr Purohit, Joint Secretary (Chemicals) at his office, Department of Chemicals and Petrochemicals, Ministry of Chemicals & Fertilisers. Dr. K. C. Ravi, Chairman, CropLife India requested the JS that Government should focus on resolving the issues and concerns of the crop-protection industry already identified after the discussion with the Ministry and the industry under 3D reforms.



CropLife India meeting with Sh. Susanta Kr. Purohit, Joint Secretary (Chemicals), Ministry of Chemicals & Fertilisers.



3) Pesticide Management Bill 2020

A presentation to the Parliamentary Standing Committee on Agriculture (2020-2021) was made by CropLife India on 13th July 2021 highlighting the suggestions and recommendations for making the necessary modifications/changes to be incorporated in the PMB 2020. A comprehensive clause-wise comments, suggestions and feedback on the PMB 2020 were submitted to the Parliamentary Standing Committee on agriculture by CropLife India after having multiple rounds of meetings, discussions and after aligning with other associations such as CII, FICCI, PHDCCI and ACFI on 24th August 2021.

The Parliament Standing Committee released its recommendations in the winter session of the parliament in December 2021 and subsequently these recommendations were submitted to DAC for its evaluation and review. These recommendations of the Parliament Standing Committee are not binding and are advisory in nature. The report and recommendations of PSC were closely analysed and it was agreed that point of common interests shall be taken up collectively with other associations. Other areas shall be taken along with higher level advocacy of CropLife India leaders with the government.

In March 2022, CropLife India team met Shri Pramod Meharda, the then JS (PP) regarding clause of Offences and Punishments in PMB 2020. The meetings were positive and a letter was also submitted on CropLife India's proposal and highlighting the justification for decriminalisation the provision of PMB 2020. Dr. Meharda also assured that industry shall be thoroughly consulted before the Rules are rolled out. Thereafter, a Joint Task force on the matter connecting all three associations along with few legal team members has also started to work in this direction.

The industry was hopeful that in 2023 the PMB 2020 will be tabled in the Parliament but the bill was not tabled in the Parliament for the reason best known to the Government. CropLife India team is closely following for any developments in this regard.

4) Draft Ban order on import, manufacture, distribution, sale and use of 27 Pesticide molecules dated 18th May 2020

The Government constituted an independent Expert Committee in Jan 2021 to review the Stakeholders response/objections and suggestions received on the draft notification to ban 27 AIs, due to very close follow up by CropLife India Regulatory Affairs Group at various ministries including the Ministry of Agriculture and Farmers Welfare, Ministry of Chemicals and Fertilizers and Ministry of Industry and Commerce etc. The committee was entrusted to give its recommendations to the Government for taking appropriate measures. CropLife India Regulatory Affairs Group reached out to the Chairman of the Expert Committee and its Member Secretary to understand the progress towards the review, seeking a formal hearing for the original registrants/ molecule owners and stakeholders' willingness to coordinate for any data requirement directly from CropLife member companies, who are original registrants/ molecule owners. It was brought to the notice of the Chairman of the Expert Committee that a large majority of the required data to support the Safety & Bio-efficacy of these molecules has already been submitted by the member companies individually or jointly to the CIB&RC. The DAC has given some feedback on the report to be considered. Few members have received request from CIB to submit the data submitted earlier in the specified format.

On 2nd February 2023, through the draft Gazette notification S.O. 701 (E), three pesticides molecules were banned and label claim of 8 molecules from certain crops was deleted. Subsequently, the matter was contested in the Hon'ble Supreme Court through PIL on why only 3 pesticides were banned. The Government responded that they will review the draft notification. The Hon'ble Supreme Court had given 4 weeks' time to Govt. to give reply on why only three pesticides were banned, more so the said notification is yet in draft stage and thus public comments have been sought. In their reply, Govt. put on record Dr. T. P. Rajendran Committee Report details, justifying ban on only 3 molecules and certain restrictions on label claims.

The matter was again heard on 25th July 2023. The Hon'ble SC questioned the govt "Why is the need to form so many committees? Once Dr. Khurana committee recommended the ban of 27, why to make another? What was the basis of Khurana committee recommending ban on 27? And then why did Rajendran committee say 3? Show us what led the Rajendran committee to taken a different view than Khurana committee? Critics were passed that "It seems that every time you have an adverse report from one committee you form a new committee. You keep appointing committees till you get a favourable decision".

In response to the Hon'ble Supreme Court's queries, the ASG requested time to submit a detailed note on this matter. The Hon'ble Chief Justice agreed to take up the case again, allowing the Government time to present its argument.



5) Draft Gazette notification on product label and leaflets

A number of joint meetings of associations were held with the officials of the Ministry of Agriculture & Farmers Welfare to highlight the practical difficulties in implementation of packaging and labelling requirement to comply with. The matter is being discussed actively since early 2021 and the many joint representations have been submitted by CLI and CCFI during this period.

Under the Chairmanship of JS (PP), a joint meeting was held at his office on 27th April 2022, as a result of active pursuance of CropLife India. Thereafter, two subsequent rounds of discussions happened in PPA Office on 27th May and 22nd July 2022 respectively, wherein representatives of both CLI and CCFI participated. On certain anomalies in the minutes of the meeting with PPA, the objections had been raised by CLI and CCFI and in principle were acknowledged by the CIBRC experts who were present in the meeting.

The industry was optimistic that most of the contentious issue will be resolved but the Govt. published the Gazette notification dated 17th March 2023, without incorporating the suggestions of the industry on its pain points. Again, a joint industry representation was made to JS(PP) requesting him to consider the genuine grievances of the industry and to make suitable amendments to the March 2023 notification. In the absence of any positive response, the industry filed another writ petition seeking immediate relief. When the said writ petition came up for hearing before the Hon'ble Court, the Government counsel informed the Hon'ble Court that Govt. is willing to consider the grievances of the industry. On the assurance of the Govt. Counsel, the writ petition was disposed-off by the Hon'ble Court.

Afterwards, on 6th July 2023 a meeting was called by JS (PP) where the industry once again demonstrated the genuine difficulties in implementation of the Gazette notification. Industry was hopeful of having some resolution of the issues however on 12th July 2023, a speaking order was passed by the JS (PP) wherein the suggestions of the industry and the amendments to be made in the March 2023 Gazette notification were not considered.

Subsequently, CropLife India made its advocacy efforts also to resolve the issue and pursued with the Hon'ble Minister of State for Agriculture, Shri Kailash Choudhary on 21st July 2023 and appraised him about the practical difficulties in the implementation of the March 2023 notification. Thereafter, the CLIN delegation had a meeting with Sh. Manoj Ahuja, Secretary, Ministry of Agriculture & Farmers Welfare, Govt. of India to highlight their grievances, who assured the delegation that he will look into this matter. As the timeline for implementation of notification was approaching fast and also in absence of any directive from the Ministry in the days that followed afterwards, a joint writ petition was filed in the Hon'ble Court. On the date of hearing on 22nd August, the Hon'ble Court gave three weeks' time to government to file their response with next date of hearing on 14th September 2023.

6) Restriction on Use of Glyphosate Order, 2020

On 6th July, 2020 Ministry of Agriculture and Farmers Welfare, through Gazette Notification No. 2268(E), Government proposed to restrict the use of Glyphosate only through Pest Control Operators (PCOs). The suggestions and objections were invited on this draft notification within a period of 30 days. The Regulatory Affairs Group of CropLife India submitted a representation to Shri Parshottam Rupala, the then Minister of State for Agriculture, on 19th March 2021 for referring the matter to an independent Expert Committee for the peer review, of the stakeholder's response as a transparent and neutral approach on this matter. A joint meeting of members of CropLife India was organized with the Hon'ble MoS, Shri Rupala on 5th April 2021 to reiterate the request and seek further guidance. It was advised by the Hon'ble MoS, Shri Rupala ji to identify the alternate models for safe application.

In the 427th RC meeting, the RC agreed to hear the stakeholders before making a final recommendation. Minutes of the 427th RC meeting released on 15th April mention that it was decided that all 9(3) registrants of Glyphosate formulations and other stake holders may be heard to understand their views regarding proposing restriction on use of Glyphosate through pest control operators. Meanwhile, CropLife India held the brainstorming meeting with CropLife Asia and the member companies to identify the alternates of "PCO Only route". A draft document titled "Roadmap on Safe Use of Pesticides" was developed and circulated for comments of the stakeholders. Simultaneously, the matter of having definition of non-cropped area has progressed well, i.e. the definition as mutually agreed between Industry and PPA led sub-committee was finally approved vide 440th RC minutes.

Another Gazette notification was published on 21st October 2022 to restrict the usage of Glyphosate through PCOs only. According to the notification, all holders of the certificate shall return the certificate of registration to RC for incorporation of the warning in bold letter "THE USE OF GLYPHOSATE FORMULATION TO BE ALLOWED THROUGH PEST CONTROL OPERATOR" on the label and leaflet. If any person who holds the certificate fails to do so within a period of three months, action shall be taken under the provisions contained in the said act.

The final notification S.O. 5010 (E) dated 21.10.2022 restricting the use of Glyphosate through PCOs was published on 25.10.2022. The notification was jointly contested by all the three associations in the Hon'ble High Court of Delhi by filing three Writ Petitions along with Tea Planters Association. As the matter is sub judice and stay on the final notification published by MoAFW was granted by court till 7th July 2023. The last hearing was on 19th July 2023. The Hon'ble court extended the interim order for further 4 months and the next date of hearing is on 7th December 2023.



7) Framing of science-based and progressive regulatory guidelines

CropLife India always advocates the framing of science-based progressive regulatory guidelines in the country. The Regulatory Affairs Committee of CropLife India works tirelessly to achieve this objective and works very closely with CIBRC to revisit the guidelines for registration of products under the category 9(3) and 9(4) of the Insecticides Act, 1968, from time to time. CropLife India made representation to CIBRC on 13th December 2022 regarding the guidelines/data requirement for grant of registration under various categories in the 442nd RC meeting held in November 2022. Again, on Guidelines published in 449th RC minutes, CropLife India Regulatory Affairs Committee has submitted its elaborate comments under various categories such as Chemistry, Packaging, Toxicology, Bioefficacy etc. after detailed discussion among the members in line with the science based international best practices. The framing of guidelines is a continuously evolving process and RAG of CropLife India is committed to contribute actively for evolving these guidelines as per international standards.



8) Issues related to MRLs

The national MRLs of pesticides are trade standards and play a vital role in trade of agricultural commodities not only within the country but also overseas. In India as per the guidelines, the MRL fixation of crop protection active substance is mandatory while registering its first formulation on particular edible crop. Thus, MRLs are established by FSSAI during registration of first formulation of active substance. It is very pertinent to mention here that the MRLs are established for the active substance considering the approved GAP and not on the specific formulation.

An important submission made by CropLife India Regulatory Affairs Committee on 2nd February 2022 to FSSAI was related to Official access to MRLs established by Scientific Panel on Pesticide Residues. The new MRLs of pesticides on food commodities established by Scientific Panel on Pesticide Residues become accessible to stakeholders only when the Gazette Notification on MRLs is published by FSSAI. This process considerably takes a very long time (more than a year) and industry has to wait during this time to know the new MRL of pesticide fixed by FSSAI. It is pertinent to highlight here that the last final Gazette Notification on MRLs was published by FSSAI on 24.12.2018. Thereafter, no final Gazette Notification on MRLs is published by FSSAI in last four years. Many a times, it creates difficult situation when traders or importers asks for MRL value established in India.

One of the submissions made to CIBRC on 24th February 2023 related to MRL was that when registration application is submitted for subsequent formulation of active substance on same crop which is already registered with previously approved formulation, the submission of MRL proforma for fixation of national MRL is not desirable. Globally, only when the residues observed at proposed PHI/waiting period in new

data are exceeding the already established MRL, then it is scientifically justifiable to ask for submission of MRL proforma and revise the existing MRL value by re-conducting the dietary risk assessment as per worst case residue levels. It is considered relevant for smooth trade of agricultural commodities and also to ensure the consumers safety.

On 8th August 2023, another submission to consider the already set residue definition for risk assessment (RD-RA), as erstwhile considered / published in Residue methods by FSSAI, was made by CropLife India's RAG committee to CEO, FSSAI. After the submission, CropLife India delegation also met the Chairman and Members of the Scientific Panel on Pesticide Residue and appraised them about the issue.

On World Food Safety Day (7th June 2023), Mr. Rajesh Dhawan, Lead-RAG, CropLife India made a presentation at Vigyan Bhawan and highlighted the areas of mutual interest with FSSAI. Some of the important issues highlighted by Mr. Dhawan

includes crop grouping to discourage off label use, harmonization of national MRLs with Codex particularly for exportable commodities, mechanism for fixation for import tolerance, dietary risk assessment based on international approach. All the members and Chairman of SPPR also participated in the World Food Safety Day programme.

9) Regulation of Minor Changes to Approved Products

At present there is no separate guidance document for Industry to approve minor changes to approved formulations published by CIBRC and it leads to arbitrariness in requirements and long delays in granting of approvals. A representation on adoption of Minor Change Guidelines was prepared and submitted by the CropLife India Regulatory Affairs Committee to the Ministry of Agriculture and Farmers Welfare in December 2020. On 9th February 2021, a meeting was organized with the CIBRC and it was requested to revive the committee to review the guideline on Minor changes to approved formulations.



Dr. Rajesh Dhawan, Lead-RAG, CropLife India presented on World Food Safety Day

This issue was again highlighted during a 3D Regulatory reforms meeting on 3rd March 2021.

CropLife India continued the follow up with CIBRC on the progress on the proposal and submitted another reminder has been submitted to the CIBRC on 9th June 2021 highlighting the fact that 428th RC minutes of meeting state that during the meeting RC has referred an applicant (from member company) to the CropLife Guideline on Minor Changes on 18th May 2021, while deciding on its application. CLI again followed up with Secretary CIBRC on this matter on 25th November 2021 for putting this guideline to RC for suitable adoption.

10) CIBRC Proposal to hike registration fee

A proposal to increase the registration fee was notified by CIBRC in January 2022 after extensive advocacy on 3-D proposals in the year 2021. After extensive industry deliberations with members, CLIs response was submitted along with request to develop the capacity and infrastructure of CIBRC and timely registrations. Post that an all associations 'response was also submitted after keeping all associations members' interest in consideration.

Thereafter, in 2023, the registration fee for new Pesticides has been increased multi-fold [45 times increase in registration fee for 9(3) applications] and the harmonized/ updated guidelines for registration of new products were also framed by the CIB&RC (vide 449th RC meeting held on 26th July 2023). Recently, a submission has been made by CropLife India to CIBRC for expediting the registration process after the implementation of Gazette notification on hiked registration fees under various categories. This hiked fee to exponential levels could be utilized for capacity building in the form of more number of experts at CIB secretariat, cutting edge technology, gadgets, etc.



11) Development of Biostimulants Regulation in India

The Notification on Biopesticides under the Fertilizer Control Order 1985 was released by Integrated Nutrient Management division of the Ministry of Agriculture & Farmers Welfare on 23rd Feb 2021. The notification highlights a mechanism of Provisional registration of existing Biostimulants by providing relaxed data within 6 months from the date of notification. It also had a provision for registration of new products.

On 23rd March 2021, CropLife India submitted its suggestions/ recommendations to INM division for smooth implementation of the Biostimulant notification for existing as well as new Biostimulants. Subsequently, while issuing the clarification on 2nd August 2021 to the Industry Associations, the Ministry of Agriculture & Farmers Welfare directed all State and Union territory Governments regarding implementation of the subject notification on Biostimulants and issuance of G-2 form for seeking Provisional registration of Biostimulants in India.

However, it did not provide provision for Provisional registration for importers. CropLife India, met Sh. Priya Ranjan, JS (INM) in October 2021 on this issue. The matter was discussed with other associations as well and represented aggressively to the office of Union Agriculture Minister and Chairman RC. After rigorous follow ups with INM officials, the department notified to allow provisional registration for importers and extended the timeline for it from 31st March to 30 September 2022. However, now the members are facing challenges in terms of three years sales data. The representation to allow three financial years sales data than calendar year, has been submitted in June 2022. The same is being pursued. A representation to relax Tox data requirement has also been submitted. The presentation regarding the same was made to Central Bio stimulant Committee(CBC) on 9th September 2022.

Further, on 9th June 2023, the Ministry published the "Draft Guidelines / data requirement for grant of registration under various categories of Biostimulants" for comments of general public. After internal deliberation among the CropLife India, BASAI and NBAIF comments were submitted to INM division for consideration. Again, a joint stakeholder consultation of Industry Associations was held on 30th August 2023 under the Chairmanship of Dr. Yogita Rana, JS (INM). The joint representation on suggestions and recommendation based on discussion held at stakeholder consultation was submitted to the INM division for consideration.



A joint stakeholder consultation of Industry Associations, under the Chairmanship of Dr. Yogita Rana, JS (INM).

12) Status on Draft Chemicals Management & Safety Rules

With the aim to strengthen the regulatory framework and management of hazardous chemicals and to introduce GHS in India, the Department of Chemicals & Petrochemicals, Ministry of Chemicals and Fertilizers, Govt. of India proposed the Draft Chemicals (Management & Safety) Rules, 20xx on 7th Sept 2020 for comments of the stakeholders. Subsequently, CropLife India had submitted its comments within stipulated time.

After the initial drafts published in 2020, the final version of India's Chemicals (Management & Safety) Rules 20XX (ICMSR) is still awaited. The Ministry is working on developing a comprehensive inventory of all the chemicals which are being imported, traded, used or manufactured in the country and the industry is being asked to provide the information on the chemicals dealt by them.

CropLife India had submitted to the Ministry that all the crop protection chemicals are being governed by Insecticide Act, 1968 and registration is granted by CIBRC. The crop protection industry is already submitting all the information



pertaining to agrochemicals to CIBRC and thus the information already lies with the Government.

On behalf of CropLife India Dr. Rakesh Kumar-Head Regulatory Affairs, was invited to ChemCon The Americas 2023 conference at San Francisco, California, USA from 13-17th March 2023 to present on the draft Chemicals (Management & Safety) Rules, 202xx. It was a good opportunity to reiterate the CropLife India's position on the draft rules at the international level.



Dr. Rakesh Kumar-Head Regulatory Affairs, presented in ChemCon, The Americas 2023 Conference

13) CROP portal for Registration of Pesticides

In order to streamline and expedite the registration of pesticides, Centre for Good Governance (CGG), Hyderabad developed the integrated Web & Mobile based e-Governance Solution of 'Plant Quarantine Management System' (PQMS) and Web based 'Comprehensive Registration of Pesticides'(CROP) and was inaugurated in April 2022. Over the time, various issues regarding the working of CROP portal were encountered by the CropLife India member companies and such issues were highlighted during two rounds of discussions held among CGG, CIBRC experts and industry, the last one being held on 8th August 2022.

The portal improvement is a gradual process and new issues encountered in the CROP portal are regularly highlighted to the CIBRC. A comprehensive list of all such pre-submission, during submission and after submission issues was submitted to CIBRC on 17th May 2023 and again on the advice of CIBRC, a list of 5-6 most important issues was submitted on 21st August 2023 with a request to CIBRC to facilitate a meeting with the CGG experts for early resolution of these most important issues.

14) E Commerce – Insecticides (Amendment) Draft Rules 2021

The E Commerce – Insecticides (Amendment) Draft Rules 2021 were notified on 8th September 2021 and the stakeholders were given the opportunity to provide their suggestions/inputs within 15 days of publication of the draft notification.

The anticipated challenges regarding sale of spurious products, last mile delivery challenges and compliance with Insecticide Act during the online sale of pesticides were deliberated by the e-commerce Task force of CropLife India. On the

basis of discussions, there were some suggestions regarding the concerns. CropLife India also met the nodal officer dealing with this subject in the Ministry and requested him to have a discussion involving industry, e-commerce players and Government so that the operational guidelines vis a vis compliance with Insecticide Act and rules can be done seamlessly.

On 24th November, 2022, Govt. published the notification for online sale of pesticides. It is a welcome move by the Government. However, there are certain gaps in the e-commerce guidelines such as

- (i) ensuring that the user of these pesticides is farmer,
- (ii) post engagement verification of license of the licensee obligation of the e-commerce entity,
- (iii) ensuring that the seller is authorized to sell the product only in the area permitted by the Principle Certificate issued to it by the manufacturer under Rule 10 (4A) of the Insecticide Rules, 1971 and not beyond that,
- (iv) check by the e-commerce entity for B2B sale etc.

CropLife India had submitted its above concerns and suggestions on the said notification to JS (PP) on 22nd December 2022.



15) Deployment of Drones for Application of Pesticides in India

A proposal was made to Government of India after meticulous efforts of CropLife India, CropLife Asia and CropLife International experts. After rounds of discussion in the Ministry of Agriculture, the draft guidelines were released and subsequently, Industry has also submitted the suggestions and recommendations on 2nd November 2021. The inputs and suggestions of the industry were greatly appreciated and accepted by the Ministry. India has emerged as one of the best-case studies in Drone Regulations. The Generic Standard Operational Procedures (SOPs) for Drones were published in November 2021. These SOPs include statutory provisions, flying permissions, operation plan, weight classification, area distance restrictions, overcrowding restrictions, safety insurance, drone registration, piloting certification, air flight zones and weather conditions and all-important aspects for pre-, post and during the operation, as well as an emergency handling plan.

On 20th April 2023, the Crop Specific SOPs for the application of pesticides with Drones for 10 crops viz. rice, cotton, maize, groundnut, pigeon pea, safflower, sesame, soybean, sugarcane and

wheat were released by the Hon'ble Minister of Agriculture and Farmers Welfare, Sh. Narendra Singh Tomar. These crop specific SOPs mostly focused on crop canopy volume, crop growth stages, pesticide concentration, dosage, water volume per hectare, drone height above crop canopy, flight speed and spray discharge rate etc. The experts from CropLife India member companies significantly contributed in the development of Drones related guidelines.



16) Submission to Govt. of India on EU Export ban - Public Consultation directed towards non-EU Stakeholders

In July 2023, EU Commission has launched an open public consultation as part of their initiative to prohibit the “production for export” of hazardous chemicals that are banned in the EU. The target stakeholders for survey included citizens, researchers, businesses including small and medium-sized firms, industry, industrial associations and trade bodies, governmental and non-governmental organizations. A questionnaire survey for Non-EU Stakeholders titled as “Study supporting the impact assessment to ensure that hazardous chemicals banned in the European Union are not produced for Export” was released by EU. An Indicative list of chemicals banned or severely restricted in the EU was also provided as background document to this questionnaire and included agrochemicals.

The EU is one of the regions for manufacturing and export of certain chemicals including crop protection products and these are being imported into India. Moreover, robust regulatory systems including the stewardship measures for use of crop protection products exist in countries even beyond the EU. India for example, has a stringent regulatory body that approves products after thorough regulatory evaluation and considering the agroclimatic/ agricultural needs of the country, which may not be same as EU. Many other non-EU countries approve the products originating from the EU countries after evaluation of their chemistry, bio-efficacy, toxicology and/ or other aspects.

As a proactive approach, CropLife India submitted its representation to the Ministry of Agriculture, Ministry of Environment, Forest and Climate Change and Ministry of Chemicals on 21st July 2023 and requested them to provide their valuable comments through an online survey /

open public consultation process on the EU's initiative to prohibit the production for export of hazardous chemicals that are banned in the EU because as per Rotterdam Convention, a robust mechanism exists in India on the Prior Informed Consent Procedure for import of Certain Hazardous Chemicals and Pesticides. CropLife India highlighted to the Govt. that the proposed prohibition by the EU on the production for export of hazardous chemicals that are banned in the EU is unilateral and unjust. Implementation of the proposal will lead to significant impact on import of certain chemicals / crop protection products into non-EU countries, including India which are used for manufacturing formulations for domestic use and further exports as well.

17) Strategic Regulatory Review and Planning (SRRP) meeting

The SRRP meeting was organized by CropLife Asia during 9-11th May 2023 at Ho Chi Minh City, Vietnam. Dr. Rakesh Kumar, Head- Regulatory Affairs, CropLife India participated in this annual meeting. The main objective of the meeting was to ensure the long-term freedom to operate in the agricultural industry whereby crop protection products are accepted as an integral part of agriculture.

The meeting aimed to build societal trust, increase resiliency of decision-makers, collaborate with stakeholders, be visible in public dialogue, utilize a digital strategy, challenge, and develop strategies for addressing emerging concerns and create like-minded coalitions, amongst other goals. CropLife India shared its country level strategic plan for 2022-24 in relation to India activities and country freedom-to-operate (FTO) challenges. Among the four most common regulatory challenges having impact on the agrochemical business at the regional level, India is among the countries with 2022-2024 goal progression higher than 50% in 2023.

18) Mandatory additional qualifiers in the import/export declaration in respect of certain products

For the purpose of effective avoidance of queries, enhancing efficiency in assessment and facilitation, addressing reasons for delays and aiding policy formulation through a mechanism of more complete import information, the Central Board of Indirect Taxes & Customs, Department of Revenue, Ministry of Finance in consultation with Department of Chemicals and Petrochemicals, Govt. of India issued a draft circular with Annexures in May 2023 to make "Mandatory additional qualifiers in the import/export declarations in respect of certain products". The draft circular made it mandatory at the time of filing import declaration to declare the IUPAC name and CAS number of constituents of chemicals for import under the chapters 28, 29, 32, 38, and 39 of the Customs Tariff Act, 1975, with effect from 01.06.2023. Due to strong representation from the industry associations including CropLife India, the effective date of implementation was deferred to 01.10.2023.

Consequently, a meeting in this regard was also organized by DCPC on 18th August 2023 under the Chairmanship of Sh. Susanta Kumar Purohit, JS (Chem.). After detailed deliberations, the followings points were proposed and included in the minutes of meeting: for proprietary products either CAS number or IUPAC name of the main constituents only may be provided with appropriate document providing proprietorship; for formulations and mixtures, CAS number and IUPAC name of only active ingredient may be declared in bill of entry; in case of biopesticides /

R&D compounds-if not having CAS number and IUPAC details then "Not Applicable" option shall be chosen with providing the reason; the details (CAS number and IUPAC) of chemicals will be masked in bill of entry. It has been decided that a workshop will be conducted by the Department along with Department of Revenue in September to clarify the issues pertaining to subject matter.

19) Ban on 10 insecticides by Punjab Government

The Punjab Government is consecutively putting ad-hoc ban on the pesticide molecules for the last 3-4 years; however, the list of molecules keeps changing. The reason often cited by the Punjab Government is health and safety issue but in reality, the issue more of trade related. Last year in August 2022, CropLife India along with other associations filed a writ petition in Punjab and Haryana High Court. The case is ongoing and the next date of hearing is on 21st September 2023.

This year from 1st August 2023, the Punjab Government published a Gazette notification to ban 10 molecules on basmati rice for 60 days, unlike past few years. In addition to the Gazette notification, the Department of Agriculture, Govt. of Punjab also issued a circular specifying that the ban order of the molecules will be executed as Ban Only for Sale on Basmati Rice for 60 days and for other crops, the sale is allowed with proper records. If a dealer wants to sell these products on any other crop, then the bill/cash memo issued by him should be made to record the name of the crop for which these products are sold in all cases. CropLife India continue to press the need for initiation of Basmati Net in Punjab, which will address the root cause of the issue.



CropLife India Delegation advocating for BasmatiNet at Chandigarh

20. Update and Progress on Operator Exposure Risk Assessment (OpEx)

OpEx is the process of evaluating safety of agricultural spray operators from potential exposure of pesticides. The assessment uses toxicological data and a mathematical model to calculate the exposure to estimate the level of risk a spray operator could face while working in the field.

In August 2022 draft data requirement guidelines were published by CIBRC and OpEx was included as data requirement for registration but in December 2022 when the new data requirement were published by CIBRC, OpEx was not included in the requirement.

To reinforce the discussion and interest on the subject, CropLife India utilized the opportunity of availability of CropLife International experts in Toxicology, Residue and Chemistry during their participation in IUPAC conference held in India from 14-17th march 2023 at Delhi. An interaction meeting was organized between the international experts and CIBRC officials and experts on the subject matter.

CIB experts appreciated the work from CLI to re-start the process. They tried to understand more from the spreadsheet (OpEx CL toolkit) as CLI demonstrated only the output page and interpretation of MOE values. Few CIB experts including Dr. S. C. Dubey, ADG (PP) raised the topic of validation of the risk assessment from Indian conditions and echoed few real studies to be done in India and the result matched with the OpEx tool output to show the suitability in Indian condition.

To carry forward the discussion, it was agreed that a CropLife India OpEx group will be formed and pilot assessment will be done on representative formulations. CropLife India OpEx group will work with the CropLife International experts for preparation of FAQs on CLI OpEx tool and technical document. Thereafter, a technical session will be planned with the regulators to address the concerns related to CLI toolkit. The CropLife India OpEx group is actively working to fulfil the objective of OpEx requirement.



CropLife Experts interaction with CIB&RC officials

CropLife India has been a champion of sustainable agriculture, safe food and safe and judicious use of crop protection products, even during the unprecedented times for farmers' education drive on the use of Personal Protective Equipment and on Safe and Judicious Use of Crop Protection Products, which went into digital mode during lockdown.

CropLife India has been in the forefront by way of sharing inputs, suggestions and best practices in supporting the Government for Progressive Policies for Precision Agriculture and Sustainable Container Management.



STEWARDSHIP

KEY HIGHLIGHTS

CropLife India conducts workshop on "Innovative Technologies in Crop Protection" in Telangana

Adoption of IPM & Kisan Drones in the year of Millets were the focal points

FPOs targeted for effective knowledge transfer and wider outreach

CropLife India, pioneered a workshop on "Innovative Technologies in Crop Protection" in Telangana. The workshop was organized jointly with Foundation for Agriculture Sustainability and Transformation (FAST) and CropLife India. A demonstration of Kisan Drones and its advantages in agriculture along with discussion on importance of Millets for Producer & Consumer, were integral part of the workshop.

The workshop was held in Warangal on 17th February 2023; **Mrs. Usha Dayal**, District Agriculture Officer, Warangal; being the Chief Guest. Dr. Damodhar, Principal Scientist, RARS,



Warangal; Mr. Ramchander Rao Jojula, Asst. Director of Agri (R), FAST Associate; Mr. P. Sarangam, Asst. Director of Agriculture (R), Consultant-NFSC and Jaypal Reddy, Farmer Leader, Warangal, addressed the gathering. Apart from them, present on the occasion were national awardee farmers, officials of FAST, Scientists of Krishi Vigyan Kendra and Extension Officers, Farmer Producer Organizations (FPOs), CropLife India member companies and other



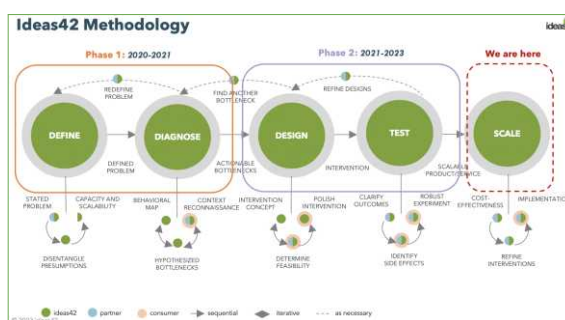
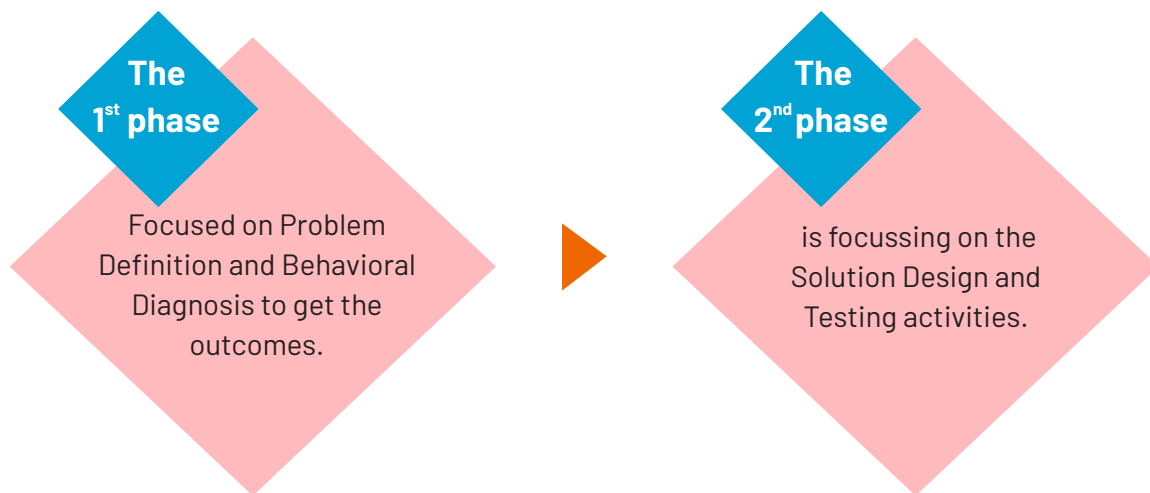
PPE Behavioral Change Project in India

A PPE Behavioral Change Project in India was jointly commissioned by CropLife International, CropLife Asia & CropLife India.

Ideas42, a global agency was commissioned to conduct a behaviour change analysis of how farmers are responding to messaging on the use of PPE in India. The work builds on a previous project that were carried out in three states, Maharashtra, Andhra Pradesh and Punjab; to raise awareness.

India was chosen as a pilot considering Freedom To Operate (FTO) challenges while the primary objective was to identify the core issues so that the programs be modified for effective technology transfer.

The project was designed & divided into 2 phases.



Communication Intervention:

Evolved messaging approach - Messages moved from awareness regarding each element of basic PPE to strengthening intention to protect themselves to need and purchase of nitrile gloves emphasizing the discount coupon (Design 2) as incentive, following a **systematic calendar**.

Messaging calendar:

No.	Topic	Farmer	No.	Topic	Farmer
1	Introduction message on reading labels	Message (Image format)	8	Safety slipping from CropLife India contacted in regional languages	Video
2	Inform about basic PPE, use with all tasks/strategies	Message (Image format)	9	Promotion Message for discount coupon offer	Message (Typed format)
3	Focus on clothes	Message (Image format)	10	Last few days left for discount coupon offer	Message (Typed format)
4	Behavioring PPE spend as investment	Message (Image format)	11	Announcement Video with clicker safety theme in regional languages	Video
5	Awareness poster on Gloves	Poster	12	Nitrile gloves can be washed and used message	Message (Typed format)
6	Gloves provided at retailers message	Message (Typed format)	13	Basic PPE information visual	Back side of coupon image
7	Focus on Boots	Message (Typed format with image of boot)	14	Farmer and doctor testimonial	Video

Sample Messages:

Messages were shared in various formats including videos, photos, images typed messages and posters.



Discount Coupon Intervention:

- Coupon offering Differential discount was offered to farmers to encourage early purchase rather than procrastinating on it.
- Coupons were designed in regional language highlighting basic PPE elements and periodic behavioral messaging served as reminders for farmers during promotion.

Coupon Design:



Container Management in India

CropLife India and its members are committed towards safe and responsible use of crop protection products and its disposal in a sustainable manner to protect the farmers and environment.

Establishment of an efficient and sustainable Container Management System requires strong support of the Government and coordination amongst multiple stakeholders. It is not feasible for Agriculture Input Industry alone to take up all the tasks by itself.

In light of the above, the Container Management task force of CropLife India with the support of CropLife International has been working on advocating CL India's position, which highlights the need for mapping roles of each stakeholder in the value chain for a sustainable empty pesticide container management ecosystem. A [Roadmap for Sustainable Management OF Empty Pesticide Containers in India](#) Position Paper on same was circulated to all the stakeholders.

CropLife India is in the forefront for policy consultations and proposing road map for sustainable management and possible re-classification of EPC as non-hazardous.

CropLife India Women's Day Celebration

CropLife India celebrated the International Women's Day by an event – “नारीत्व का उत्सव” on 06th March 2023 at Abohar, Fazilka district of Punjab.

The objective of the celebration was to recognize the invaluable contribution of women farmers in agriculture and economic development. International Women's day special program “नारीत्व का उत्सव” provided a platform to these women farmers where they were felicitated for their hard work & achievements in agriculture. From seed sowing to harvesting, women are part of almost all activities, yet sadly their access to resources is less than male farmers. The event focused on inspiring these women to produce safe & healthy crops by using genuine crop protection products, judiciously use them & good knowledge of IPM. Women shared their achievements, experiences & challenges during the event that they faced on the field as farmers.



The program was organized with the help of EFFORT, implementing NGO partner of CropLife India at Abohar, district Fazilka, Punjab.

Around 200 Women Farmers & Girl Students participated from the nearby villages of Fazilka. The participation received from different departments such as District Administration, Education, Agriculture, Women & Child Development, Women help line, Legal Service team for this special day so that the women participants could be benefitted with the presence of key dignitaries.



“ प्रकृति हम सभी के भरण-पोषण के लिए पर्याप्त है,
लेकिन वह हमारे लालच को पूरा नहीं कर सकती है ”

PILOT PROJECT ON RESPONSIBLE USE OF CROP PROTECTION PRODUCTS & ANTICOUNTERFEIT (RU & ACF) IN AGRA DISTRICT (UP) PHASE - 1



भारत में अभी भी लगभग 60 फीसदी जनसंख्या कृषि से प्रत्यक्ष-अप्रत्यक्ष तौर पर जुड़ी है और यह देश के सकल घरेलू उत्पाद में 17 फीसदी का योगदान देती है। जनसंख्या के मामले में हम दुनिया में अग्रणी हो चुके हैं और 2030 तक हमें डेढ़ अरब आबादी को खिलाने के लिए कृषि क्षेत्र को और अधिक उन्नत, और अधिक कारगर बनाना होगा। अब दूसरी 'हरित क्रांति' की जरूरत महसूस हो रही है। कोविड-19 के बाद की दुनिया में विश्व खाद्यान्न एवं पोषण का 'दर्शन' भी बदल रहा है।

कीटनाशकों का समुचित और उत्तरदायित्व पूर्ण उपयोग:

कृषि-उद्योग को बढ़ाने में कृषि-रसायन का बहुत महत्वपूर्ण योगदान है। कीटों और खर-पतवारों के साथ यह बीमारियों को नियंत्रित करता है, गोदामों में सम्यक खाद्यान्न प्रबंधन करता है।

कीटनाशकों के उत्तरदायित्वपूर्ण उपयोग का अर्थ होता है:

- कीटनाशकों का ऐसा उपयोग जो पर्यावरण को दूषित नहीं करे और उसे संरक्षित भी करे
- उपयोगकर्ताओं के लिए खतरा नहीं पैदा करता है
- उपभोक्ताओं के स्वास्थ्य के लिए उत्तम है, सम्यक कृषि-उत्पाद मुहैया करता है



कीटनाशक किसी भी वैसे उत्पाद को संदर्भित करता है जिसका उपयोग कृषि, उद्योग और घरों में रखे खाद्यानों में कीटों और बीमारियों के प्रबंधन के लिए किया जाता है।

कीटनाशकों का व्यवहार अभी समुचित तरीके से सीखना और सिखाना एक महत्वपूर्ण मुद्दा है। हमारी जरूरत है कि कृषक समुदाय को शिक्षित और प्रशिक्षित किया जाए, उन्हें कुशल बनाया जाए ताकि वे सही औजार, उभरते तकनीक (AI & IOT, Drones & Apps), विधि और विचार का उपयोग कर 21वीं सदी के अनुरूप कृषि करें और सुरक्षित खाद्यान्न उपजा सकें। इसके साथ ही खाली हुए कीटनाशकों के डिब्बे या संबंधित पदार्थों का कचरा भी सुरक्षित तरीके से निपटा सकें। साथ मिलकर नई व उपयोगी अद्यतन जानकारी सीखना और पुरानी बातें भूलना ही सबसे बड़ी कुंजी है।



आगरा पायलट प्रोजेक्ट

किसानों को शिक्षित और प्रशिक्षित करने के लिए आगरा जिले में एक पायलट प्रोजेक्ट शुरू किया गया है। आगरा जिले के चुने हुए गांवों में खरीफ के मौसम में यह परियोजना शुरू की गई है, जो रबी के सीजन में जारी रहेगी। यह परियोजना आगरा जिले के छह प्रखंडों (जगनेर, अकोला, बिचपुरी, फतेहाबाद, शमशाबाद और फतेहपुर सीकरी) के पांच-पांच गांवों में चल रही है। पहले चरण में इस परियोजना के क्रियान्वन के बाद गुणात्मक और मात्रात्मक परिवर्तन का अध्ययन किया जा रहा है। इस चरण में अध्ययन के दौरान आए परिणाम को अलीगढ़ और मुजफ्फरनगर जिले के चुने गए गांवों में लागू किया जा सकता है।

क्रॉप लाइफ इंडिया

खेती में फसल संरक्षण के जरिए उत्पादन और उत्पादकता को बढ़ाने के लिए किसानों को जागरूक, प्रशिक्षित, शिक्षित और संवेदनशील करना समय की मांग है और ये काम क्रॉप लाइफ इंडिया की ओर से किया जा रहा है।

कीटनाशकों का छिड़काव कब करना और कब नहीं करना चाहिए:

- कीटनाशकों के डिब्बों के उपर लगे लेबल के रंग क्या बताते हैं
- कीटनाशकों का भंडारण कहां करना चाहिए
- कीटनाशकों के खाली डिब्बों (कंटेनर) का निस्तारण कैसे किया जाना चाहिए
- कीटनाशकों का उपयोग कटाई से कितने अंतराल पूर्व नहीं करें, ताकि उत्पादों में उनके अंश नहीं या नगण्य हों
- कीटनाशक मानव शरीर में किन अंगों से प्रवेश करते हैं
- छिड़काव उपकरण का रखरखाव कैसे करे
- व्यक्तिगत सुरक्षा उपकरण यानि पीपीई किट (छिड़काव का पोशाक) का सही तरीके से उपयोग करना

परियोजना का उद्देश्य

हमारा उद्देश्य कृषक समुदाय को जागरूक, संवेदनशील, शिक्षित बनाना है ताकि फसल-सुरक्षा से जुड़े उत्पादों का वह उचित उपयोग कर सकें और कीटनाशकों का समुचित इस्तेमाल कर सकें। हम चाहते हैं कि मॉडल क्लस्टर का निर्माण कर किसानों को अग्रिम बातों के लिए प्रशिक्षित कर सकें-

- सही और सटीक कीटनाशक का चुनाव और पर्याप्त मात्रा की जानकारी
- समेकित कीट प्रबंधन (IPM) बताना, ताकि कीटनाशकों का यथोचित उपयोग ही हो
- सतत विकास के लिए पारिस्थितिकी संतुलन की जानकारी
- लेबल निर्देशों को पढ़ना और उनका पालन करना
- सही उपकरण और सुरक्षा गियर का उपयोग करना
- सही हैंडलिंग और छिड़काव प्रक्रिया और विधि का उपयोग करना
- खाली कंटेनरों और कचरे का उचित निपटान करना

रणनीति और दर्शन

हमारी टीम कार्यान्वयन की प्रक्रिया को समन्वित और शैक्षिक दृष्टिकोण से पूरा करती है। इसमें हितधारकों की मैपिंग, उनकी संलग्नता भी शामिल है। यह किसानों के स्तर से लेकर शीर्ष स्तर पर नीति-निर्धारकों तक हमारी पहुंच को पारिभाषित करता है।

प्रशिक्षण मॉड्यूल, पोस्टर और पैम्पलेट का वितरण, गांवों में बैठकें, घर-घर जाकर लोगों से मुलाकात, दीवार पेंटिंग, सांस्कृतिक कार्यक्रमों के जरिए किसानों, खुदरा विक्रेताओं और डीलरों को जागरूक किया जा रहा है। इसमें स्कूली बच्चों और कॉलेज के छात्रों का भी सहयोग लिया जा रहा है।

नवीनतम तकनीक के बारे में भी कृषकों को बताने की योजना है, जिसमें वर्गीय प्रशिक्षण और प्रदर्शन भी शामिल है, ताकि वे कीटनाशकों का सही भंडारण, प्रयोग और निस्तारण सीख सकें।

हितधारकों की पहचान और संलग्नता

सबसे पहले प्रोजेक्ट टीम ने हितधारकों की पहचान की है और फिर उनको अपने साथ विभिन्न गतिविधियों में शामिल किया, ताकि कीटनाशकों के सफल और सुरक्षित उपयोग को वे सीख सकें। क्राफ़ लाइफ इंडिया और एन रुद्रा इस कार्यक्रम को चयनित प्रखंडों और गांवों में कर रही है।

इसके अलावा लक्षित गांवों और समुदायों में किसानों, किसान संगठनों, किसान उत्पाद संगठनों (एफपीओ), कृषि-उत्पाद डीलर्स और रिटेलर्स, व्यापार समूह, गांव पंचायत, स्व-सहायता समूह, स्कूली बच्चों के साथ जिला कृषि विभाग, जिला कृषि अधिकारी, कृषि आयुक्त और निदेशक वगैरह से मिलना, उन्हें संवेदनशील करना और कार्यक्रम के बारे में जानकारी देना और स्थानीय मीडिया समूहों को जोड़ना भी शामिल है।

यही गांव और इलाके क्यों ?

आगरा जिले के जिन इलाकों में हम काम कर रहे हैं, वे देश में सर्वाधिक कीटनाशक इस्तेमाल करने वाले इलाकों में से एक हैं। चिह्नित इलाकों में मुख्य तौर पर आलू, सब्जियों और मिर्च, बैंगन, शिमला मिर्च वगैरह की खेती होती है। आगरा की मिट्टी की उर्वरकता कम से बेहद कम की ओर है। नकली और विषैले उत्पाद भी यहां खूब प्रचलन में हैं। आगरा में कृषि महाविद्यालय भी है।

एन रुद्रा के पास स्थानीय संपर्क और पहुंच है, इसलिए स्थानीय नेतृत्व की पहचान, चयन में आसानी होती है और हमें मास्टर ट्रेनर चुनने और बनाने की सहूलियत है। आगरा के कृषि-संकुल होने की वजह से हमारी यह परियोजना एक लिटमस टेस्ट है कि हम कीटनाशकों और खेती के बारे में कितना कुछ बदलाव ला पाते हैं, हालिया वर्षों में यह एक बड़ा पैमाना, बड़ी कसौटी होगी, जिस पर किसानों और कीटनाशकों को हम परख सकेंगे।

सुरक्षित कृषि उत्पाद की परंपरा: हम अपनी परियोजना के बाद इन सवालों के आधार पर खुद का मूल्यांकन करना चाहेंगे:

- हमारी ट्रेनिंग से किसानों के जीवन में क्या कुछ बदलाव आया ?
- क्या इस ट्रेनिंग से किसानों को फसल को सुरक्षित रखने में मदद मिल पाई ?
- हमारी ट्रेनिंग से किसानों के फसल पर लागत खर्चों में कमी आई ?
- क्या इस ट्रेनिंग से किसान अपनी उपज को और बढ़ा सके ?
- क्या इस ट्रेनिंग से पहले कीटनाशक से संबंधित सुरक्षा नियम जेहन में आता था ?
- क्या ट्रेनिंग से पहले कीटनाशक खरीदारी करते समय नकली और असली में पहचान का खयाल आता था ?
- किसान कीटनाशकों की खरीदारी के समय डिब्बों के लेबल के रंगों का कोई संज्ञान लेते हैं ?
- इन प्रश्नों के आधार पर हुए मूल्यांकन से ही आगे की रणनीति और यात्रा तय होगी।

हमारा प्रयास: स्वस्थ किसान, सुरक्षित खाद्यान्न, सतत् कृषि विकास

कीटनाशकों का उत्तरदायित्व पूर्ण उपयोग

9 आसान चरणों का पालन करें



1 जब जरूरी हो केवल तभी कीटनाशकों का इस्तेमाल करें। कीटनाशकों को खरीदने से पहले किसी जानकार से सलाह ले लें और अधिकृत विक्रेताओं से ही खरीदें।



2 जब कीटनाशक लाएं तो सुनिश्चित कर लें कि उनका भंडारण लोगों, जानवरों और खाद्य पदार्थों से दूर हो।



6 खाली कीटनाशक कंटेनरों को छिड़काव टैंक में तीन बार धोएं। इसके बाद कंटेनर में छेद कर दें ताकि उसे पानी या खाद्य पदार्थ के लिए इस्तेमाल न किया जा सके। काली पानी से धुले हुए कंटेनरों को करीबी स्वीकृत संग्रहण स्थान ले जाए।



3 जब कीटनाशकों का भंडारण करें तो यह सुनिश्चित कर लें कि वे अच्छे हवादार और तालाबंद स्थान पर रखें गए हैं।



7 कीटनाशकों का छिड़काव करते वक्त हमेशा व्यक्तिगत बचाव के उपकरण पहनें और केवल बिना रिसाव करने वाले उपकरण ही इस्तेमाल करें। सुबह सुबह या देर शाम को जब हवा का दबाव कम हो तो छिड़काव करें। छिड़काव करते वक्त न तो कुछ खाएं, पिएं न ही धूम्रपान करें।



4 उत्पाद के लेबल और पर्चों को ध्यानपूर्वक पढ़ें और निर्देशों का पालन करें।



8 पानी के श्रोतों के नजदीक कीटनाशकों का छिड़काव न करें। कीटनाशकों का दुरुपयोग करके या खाली डिब्बों को मैदान में यूँ ही फेंककर पर्यावरण को प्रदूषित न करें।



5 छेदों और नलियों के ठीक तरीके से काम करने के लिए स्प्रेयर की नियमित जांच करें। दवाई मिलाते या भरते समय व्यक्तिगत बचाव के उपकरण अवश्य पहनें।



9 कीटनाशकों का छिड़काव करने के बाद पानी के श्रोतों और पर्यावरण की रक्षा करते हुए छिड़काव के उपकरणों और व्यक्तिगत बचाव उपकरण को पहले धोएं फिर स्नान करें और साफ कपड़े पहनें। सभी उपकरणों को अलग अलग और सुरक्षित तरीके से रखें।



दुर्घटनावश संदूषण के मामले में, उस स्थान को धोएं और लेबल के अनुसार प्राथमिक चिकित्सा दें। फिर पीड़ित व्यक्ति को नजदीकी चिकित्सा केंद्र ले जाएं और उत्पाद का लेबल अपने साथ लेकर जाएं।



The CropLife India's Advocacy & Communication Committee, intends to elevate the engagement with Stakeholders on a wider and deeper level; to become a proactive participant in key policy dialogues. We hope to expand our breadth & depth by reaching out to all stakeholders including politicians, policy makers, civil society amongst others, both at Centre and State level; through enhanced communication & outreach including media.

Virtual Conference – EU Green Deal

CropLife India, along with **CropLife International**, **CropLife Europe** and **CropLife Asia** organized a Virtual Conference on **EU Green Deal - Insight on the European Green Deal Policies and their impact on Indian Agriculture**. The conference held on Tuesday, April 25, 2023 at 01:30 – 03:30 PM India time; was attended by over 150 delegates.

The **Welcome Address and introductory remarks** was shared by **Mr. Anil Kakkar, Vice Chairman, CropLife India**.

Mr. Siang Hee Tan, Executive Director, CropLife Asia shared an overview about how **CropLife supports farmers** across the world and especially in Asia.

The Introduction to the **EU legal framework; Factors affecting agricultural productivity outside EU/India & international trade in agricultural commodities – MRLs & Import Tolerances, mirror clauses, the Chemical Strategy for Sustainability, New Breeding Techniques** was shared by **Ms. Priscila Quaini Jacobitz** and **Mr. Łukasz Woźniacki, CropLife Europe**.

ADVOCACY & COMMUNICATIONS



A **Panel Discussion** was held which was Moderated by **Mr. Duke Hipp, Director - Public Affairs & Strategic Partnerships, CropLife Asia**. The Panellists were -

- ❖ **Dr. Kaushik Banerjee**, Director, ICAR-National Research Centre for Grapes - 'Perspective of the Indian Grapes Exports and GrapeNet'
- ❖ **Dr. Rakhtim Pal**, Principal Scientist and Head, Tocklai Tea Research Institute - Perspective of the Indian Tea Industry
- ❖ **Mr. P. P. S. Pangli**, President, Borlaug Farmers Association for South Asia - Farmers Perspective - India

A brief about the role of CropLife in Empowering Agriculture for Global Food Security and Safety was shared by Ms. Nevena Hristozova, CropLife International. The CropLife International Resources and E-Learning Tools for Farmers, Producers, Regulators and Industry to Support Free Trade and Agricultural Productivity was shared and can be accessed [here](#).

The Question & Answer Session witnessed an active participation from multiple stakeholders including Tea and Grape farmers.



VIRTUAL CONFERENCE

EU GREEN DEAL

INSIGHT ON THE EUROPEAN GREEN DEAL POLICIES AND THEIR IMPACT ON INDIAN AGRICULTURE

April 25, 2023 (Tuesday)

01:30 - 3:30 PM India



SPEAKERS...



Dr. Kaushik Banerjee
Director
ICAR-National Research Centre for Grapes
Pune, Maharashtra



Dr. Rakhtim Pal
Principal Scientist and Head
Tocklai Tea Research Institute
Jorhat Assam



Mr. P. P. S. Pangli
President
BORLAUG Farmers
Association for South Asia



Mr. Anil Kakkar
Vice Chairman
CropLife India



Mr. Siang Hee TAN
Executive Director
CropLife Asia



Mr. Durgesh Chandra
Secretary General
CropLife India



Ms. Wibke Meyer
Director-Regulatory Affairs
CropLife International



Mr. Lukasz Woźniacki
Senior Manager Trade &
Anti-Counterfeit CropLife Europe



Mr. Duke Hipp
Director-Public Affairs & Strategic
Partnerships, CropLife Asia



Ms. Priscila Quaini Jacobitz
Senior Government Affairs Manager
CropLife Europe



Ms. Nevena Hristozova
Regulatory Affairs Coordinator
CropLife International



Mr. Joydeep Chakraborty
Head - Communications, CropLife India
Moderator

CropLife India Joint Committee Meeting

The CropLife India Joint Committee Meeting – 2023 was held on **29th March 2023** at Hyderabad.

Dr. K. C. Ravi, Chairman, CropLife India, welcomed and thanked all the committee members for participating in Joint Committees Meeting. All the committees are working cohesively to address the key concerns of the crop protection sector. The Joint Committees' meeting is now an Annual Affair and this is the first physical meeting after the pandemic. In the last Virtual Meeting held in 2021 witnessed the presence of 40 members from across the committees; wherein all members agreed for enhanced coordinated approach.

CropLife India advocates for better policies in the crop protection sector of the country and in order to achieve the same in a multi-stakeholder scenario; handles the issues with the help of committees. These committees are drawn from our member companies, with varied talent pool, who align for common cause. The Committees are –

- ❖ RAG(Regulatory Affairs Group)Committee
- ❖ Advocacy & Communications Committee
- ❖ Stewardship and Anti-Counterfeiting Committee
- ❖ Legal Committee
- ❖ State Affairs Committee



CROPLIFE INDIA @ CROPLIFE ASIA AGM

CropLife India participated in the CropLife Asia AGM; which after a gap of four years, was organized as an in person event; for three days; in Singapore. The event witnessed the presence of the leadership team of CropLife International led by **Ms. Emily Rees, President & CEO**; **Mr. Robert Hunter, Chief Operating Officer**; **Ms. Laurie Goodwin**, Vice President, Public Affairs and Communications and **Mr. Christoph Neumann, Vice President**, Regulatory Policy and Stewardship; CropLife Asia Board Members; regional CropLife representatives and multitude of senior thought leaders across industries.

Day One – CropLife Asia Agricultural Symposium 2023 - Safeguarding our Food Systems: From Farm to Table

The Day began with an immersive dive into the various present and upcoming issues concerning the agricultural issues by **Mr. Alexander Berkovskiy, President, CropLife Asia**.

While the day witnessed multiple discussions, the following two **Panel Discussions**, need **a special mention**.

The **Panel Discussion on The Politics of Food: Political & Geopolitical Impacts to Food Security, Sustainability and Systems Resilience**, moderated by Mr. Duke Hipp, CropLife Asia and the Panelists were-

- ❖ Angela Sapp Mancini, Partner, Head of APAC Markets, Control Risks
- ❖ Amb. Michael Michalak, Regional Managing Director and Sr Vice President – US-ABC
- ❖ Dr. Yu Sheng, Professor – China Centre for Agricultural Policy, School of Advanced Agricultural Studies, Peking University (online)



- ❖ **Gunvant Patil**, Farmer Leader and Member, Shetkari Sanghata, India Farmer's Union

The Panel Discussion on **The Asian Farmer Perspective Navigating the Changing Landscape**; which was moderated by **Dr. Tan Siang Hee, Executive Director, CropLife Asia** and the Panelists were –

- ❖ Adriel Dave "AD" Alvarez, Farmer, Philippines
- ❖ Nisha Solanki, Woman Drone Pilot (recorded)
- ❖ Juca Lacsina, Co-founder, GOEden (Agricultural Start-up)



CROPLIFE INDIA'S JOURNEY ON SOCIAL MEDIA

CropLife India's social presence was activated in September 2017 with the vision to gain voice-share in what has become the primary destination for news and updates for audiences across a variety of issues and topics.

We began with the posting of updates of the on-ground events on stewardship and then graduated to designing our Social Media calendar. In this duration, CropLife India has gained 80,008 Impressions on LinkedIn alone. We have extensively disseminated our posts across various groups to garner more views and Engagement. Tagging our partners across posts has also increased post shares. For YouTube we have adopted a robust strategy to improve the number of Subscribers, the YouTube channel link is shared across maximum posts with a 'Subscribe' call-to-action.

In the first step of the campaign, we conducted a semantic and thematic analysis of existing content archives and extracted keywords that would help us target the right kind of audience.

We identified the CropLife ecosystem and followed and engaged with their posts. We then researched the most relevant content and scheduled new posts from CropLife India at an optimized time of the day for maximum reach and even engineered its frequency.

The top-performing posts are reposted for maximum optimization of our content and resources. Our approach has yielded the below reach and impact.

MILESTONES

(September 2022–August 2023)

CropLife India earned **1,36,997** total Impressions/Reach and more than **4000+** visits across social media platforms.



8,907
Total Impressions
3,415
Engagement
289
Tweets



4,541
Page Reach
1,142
Profile visits
282
Posts



40,341
Account Reach
516
Profile Visits
282
Posts



80,008
Impressions
2,418
Visitors
282
Posts



3200
Views
29.5 hr
Watch time
63
Videos

Croplife India Newsroom

ROADMAP

GROWTH OF AGROCHEMICALS IN "AMRIT KAAL"

India's agro-chemical industry has come a long way in past 75 years and with right policy and enabling environment the sector holds promise for a flourishing future in next 25 years.

In the last five years, the crop protection market in India has grown at a CAGR of 8.5%, with the market growing to INR 24,570 crores in 2021 from INR 19,270 crores in 2017 and is expected to reach a level of INR 35,500 crores by 2027. Government of India has termed the next 25 years as the "Amrit Kaal". For the agro-chemical sector partnerships and imple-

mentation would be the key to realize its potential. There is need to engage with all stakeholders to ensure a predictable, science based policy and regulatory regime for further enhancing the ability of the crop protection sector to make our farmers and Indian agriculture sustainable — to which CropLife India is committed.

Pursuit Towards Greener Chemistries

The crop protection industry has been contributing significantly to not only enhancing productivity but also to the sustainable growth of Indian agriculture. Agrochemicals have enabled India to tackle national crop emergencies like control of *Phalaris minor* weed in wheat, *Heliothis armigera* bollworm in cotton or brown plant hopper insect pest in rice over the years.

The R&D based crop protection indus-

try has been launching new molecules with increased efficacy and reduced application rates over time. The application rates, in the case of insecticides such as organo-phosphates (malathion, chlorpyrifos, etc) and carbamates (carbaryl, aldicarb, etc) during the 1960s and 1970s were as high as 1000–3000 grams of active ingredient per hectare. By the 80s, with the advent of carlip and synthetic pyrethroids, the rates came down to 50-500 grams per hectare. From the 90s to the early 2000s, there was further advancement through moderate toxicity chemicals like triazoles and neonicotinoids, having dosages of 25-200 grams per hectare. Since the mid-2000s, the active ingredient application has fallen to well below 100 grams; in some cases — such as sulfonylureas and diamides — it is as less as 4 grams per hectare. The pursuit towards greener chemistries continues and the industry is well aware of its responsibility to reduce the environmental footprint.

Indian Agrochemical Sector

The notion that India consumes a lot of agrochemicals is another misconception around Crop protection industry. While the global average consumption of pesticides is 3 Kg/Ha., India consumes only 0.3 Kg/Ha. In contrast, China consumes 13.08 Kg/Ha, Japan 11.8 Kg/Ha., and Brazil 4.7 Kg/Ha. In fact, Indian agriculture productivity per hectare is very low because of unavailability of newer and better technology chemicals.

Another critical aspect is that while there are 1175 molecules available globally, only 318 are registered in India. A further breakdown reveals that only about 75 molecules and their combinations are being used to protect 140 million hectares of diverse Indian agricultural crops.

While the global average consumption of pesticides is 3 Kg/Ha., India consumes only 0.3 Kg/Ha

About the AUTHOR
Durgesh Chandra
Secretary General - CropLife India



ROADMAP



The US, EU and Brazil have around 450-750 approved molecules. Even country like Vietnam has more than 500 registered molecules.

These statistics indicate the fact that our farmers have limited choice to fight against the ever-increasing host of pest and diseases. Therefore, it is imperative that the industry is provided an enabling environment to bring newer and greener chemistries for the benefit of the farmers.

Policy Initiatives for a Vibrant Indian Agrochemical Sector

There is a need for a predictable science-based policy and regulatory regime for building a robust manufacturing base in the country.

Registration Timelines – Internationally, time required to register products is much less as compared to India. There is an imminent need to look at the registration timelines and bring it in line with international norms without compromising on the safety and efficacy and sustainable aspects. All registration categories under section 9(3) for molecules to be introduced first time in the country should be given priority. New molecule introduction needs to be encouraged and facilitated. There is a need to adopt Global Best Practices.

Minor Changes legislation - At present any minor changes to the recipe is like a new registration and leads to enormous delays. Internationally minor changes are

The R&D based crop protection industry has been launching new molecules with increased efficacy and reduced application rates over time.

allowed without the need for elaborate data requirements all over again. India should also allow minor changes without the requirement of large amount of data.

Upgradation of Labs - India should implement Organization for Economic Co-operation and Development (OECD) requirements in letter and spirit and encourage data generation under Good Laboratory Practice (GLP). Peer review on toxicological data should be adopted by India similar to the pattern adopted by OECD member countries. Government should avoid any hasty decision to ban or a policy environment restricting use and introduction of new molecules.

It also needs to ensure that there is adequate duration of protection of regulatory data for the first-time registrants. This will enable them to not only recoup some of their investments but also steward the product properly. A period of exclusivity is granted by countries across the world for first time registrants in accordance with the WTO and TRIPS guidelines. In fact, it would ensure "Innovation Protection" and

would encourage more discoveries in India leading to creating a robust manufacturing base.

It is pertinent to mention here, if farming was not already difficult, with crops having to compete with 30,000 species of weeds, 3,000 species of worms and 10,000 species of plant-eating insects the newer and more complex pests like Fall Army Worm (FAW) and locusts combined with climate change are threatening the very existence of farming. In addition, bugs, molds and rodents threaten farmers' post-harvest and the Crop Protection products are the only solution that can prolong the life of crops and prevent post-harvest losses.

With support of the central and state governments, focus on new technologies as well as an enabling environment, Crop protection industry will surely witness its Amrit Kaal.



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Innovative Technologies in Crop Protection - workshop conducted by CropLife India in Telangana

CropLife India conducts workshop on "Innovative Technologies in Crop Protection" in Telangana

ANI | Updated: Feb 20, 2023 18:21 IST

Warangal (Telangana) [India], February 20 (ANI/NewsVoir): CropLife India, an association of both Indian and Global R&D driven crop science organizations, and the leading voice of the plant science industry in India, pioneered a workshop on "Innovative Technologies in Crop Protection" in Telangana. The workshop was organized jointly with Foundation for Agriculture Sustainability and Transformation (FAST) and CropLife India. A demonstration of Kisan Drones and its advantages in agriculture along with the discussion on the Importance of millets for producers & Consumer, were integral part of the workshop.

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CropLife India's 42nd AGM: "The Biggest Challenge for Humankind is to Conserve Soil"

One of India's top events in the agriculture industry took place in the heart of the capital today. Besides organizing its 42nd Annual General Meeting, CropLife India has also organized the national conference on 'Sustainable Growth of Agriculture for Self-Reliant India' at Hyatt Regency in New Delhi.

Binita Kumari Updated 28 September, 2022 5:51 PM IST



Budget 2023-24: CropLife India Urges Govt. to Reduce High GST Rates on Agrochemicals

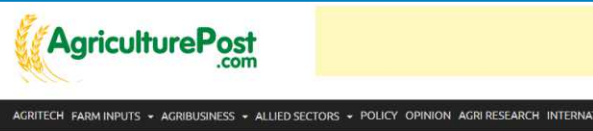
CropLife India urged the Indian government to implement a science-based, progressive and predictive regulatory regime, for the sector to achieve its true potential.

Shruti Kandwal Updated 27 January, 2023 2:40 PM IST



To increase the income of the farmers, agriculture reforms are necessary at this time, and Budget 2023–24 would be an impending step.

Budget 2023: In order to increase the emphasis on Innovation and Research & Development, which would help the farmer, CropLife India, an organization of 16 R&D-driven crop science companies, recommended the government: follow a uniform basic customs tariff of 10% for both technical raw materials and formulations; provide a 200% weighted deduction for R&D expenses involved by agrochemical industries, and lower the GST on agrochemicals from 18% to 12%.



CROP PROTECTION

Women's Day: CropLife India trains women farmers on responsible usage of agrochemicals

March 7, 2023 - by Agriculture Post - 1 Comment



The event focused on inspiring these women to produce safe and healthy crops by using genuine crop protection products and detecting counterfeit, spurious, substandard and unregistered agrochemicals

CropLife India, an association of R&D-driven crop science organisations, celebrated Women's Day with an event – "मारील का उत्सव". The objective of the celebrations was to recognise the invaluable contribution of women farmers in agriculture and economic development. Training on safe and responsible usage of

CropLife India suggests provisions for ag in national budget



23 Jan 2023 - Crop Science | Headline Analysis

Agrochemical industry association CropLife India has put forth a range of suggestions for the Indian government. It recommends that the proposals be incorporated into the national budget, which is to be unveiled on February 1st, with an eye on improving farmers' incomes and achieving overall sectoral growth.

Customs duty

Rejecting the proposal to raise the basic customs duty on pesticide formulations from 10% to 30%, the association suggests that a uniform basic customs duty of 10% be followed for technical raw materials as well as formulations. It notes that restrictions on the import of formulations would prevent the use of safer and newer agrochemicals in the country, adding that a hike in duties would have a "huge impact" on the final pricing, besides affecting the affordability for smallholder farmers.

GST

CropLife India reckons that the goods and services tax (GST) levied on agrochemical products should be lowered from 18% to 12%, which would be aligned with other agriculture inputs. The group anticipates the move lowering the prices of agrochemicals, adding that the measure would help farmers in doubling their incomes through enhanced savings.

Furthermore, it has urged the government to allow businesses to adjust the input credit of one state against the tax payable situation in another state, as GST is a central levy. CropLife India also notes that a business should be allowed to claim a refund on input credit in case it ceases operations because of reasons related to changes in government regulations.

Technology and R&D

The association says that the government should focus on promoting domestic innovation and providing new technology to farmers, adding that there should be a 200% weighted reduction on research and development expenses borne by agrochemical players. It feels that such incentives should be handed to businesses that have assets valued within a certain threshold.

CropLife India has also raised the issue of drone use and urged the government to declare a 50% subsidy on domestic procurement and maintenance costs of drones, their batteries, and other components.

Referring to the government's recognition of the agrochemical industry as a "champion sector" of the economy, CropLife India's secretary general, Durgesh C Sharma, comments that Indian regulatory processes must comply with the international ecosystem if the country is to become a global manufacturing and supplies hub. Implementation of a "science-based, progressive and predictive regulatory regime" is a must for the sector to thrive, he adds.

CropLife India workshop focuses on farm drones



24 Feb 2023 - Crop Science | Headline Analysis

Agrochemical industry association CropLife India and Hyderabad, Telangana-based non-profit agricultural stewardship organisation Foundation for Agriculture Sustainability and Transformation (FAST) recently conducted a workshop in the state. The programme focused on crop protection technologies and included a demonstration of 'kisan drones' (farmer drones), besides discussions on its advantages in farming operations.

The event was marked by representatives from the government underlining measures taken to facilitate the use of agricultural drones, with CropLife India calling for concerted efforts from relevant stakeholders for widespread adoption of the technology. CropLife India's secretary general, Durgesh C Sharma, noted that demand for customised drone-as-a-service models is likely to rise by "leaps and bounds", adding that the association's members are exploring avenues for expedited adoption of farm drones.

The workshop also involved the distribution of mini-personal protective equipment (PPE) kits for safe use of crop protection products.





National Conference on
"Sustainable Growth of Agriculture for Self-Reliant India"

CropLife India Engagement



Progressive
Regulation



Stewardship



Anti Counterfeiting




Policy Advocacy




Communications
& Outreach



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