Did you know...

THAT THE AGROCHEMICAL SECTOR IS ONE OF THE MOST REGULATED SECTORS IN THE WORLD?

Annual Report
2016-2017
CropLife Latin America is an international nonprofit trade organization, representing the Crop Science Industry; it comprises nine companies and a network of associations in 18 countries of the region.

Compañías afiliadas a CropLife Latin America

CropLife Latin America communicates the contributions in favor of agriculture that are conducted by the industry it represents, watches over science-based regulatory systems, for the adequate protection of intellectual property, and promotes good agricultural practices, including proper final disposal of agrochemical containers.

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Did you know...

**RECOGNITION AND TRUST IN MODERN AGRICULTURE ARE KEY TO STRENGTHENING THE AGRICULTURAL POTENTIAL OF LATIN AMERICA**

To produce more in less land, to reduce the environmental footprint of agriculture, to harvest abundant, healthy and safe food with the help of science and technology are some of the pillars of “Modern Agriculture”, which today is transforming much of the Agricultural areas of Latin America.

However, we live in a scenario where modern agriculture is misunderstood and undervalued in large cities and urban areas despite receiving ALL of its benefits on a daily basis. This situation requires those of us who work in the agricultural chain, to act in order to raise awareness and win the trust and recognition of consumers.

If consumers ask which are the controls and regulations of the agrochemical sector, we can categorically inform them that it is one of the most regulated sectors in the world and that they can appreciate and trust the work of the regulatory authorities, which permanently evaluate the registration processes or permission to sell for each product. There are many controls and studies that the authorities in each country demand as support for each pesticide before it reaches the market.

The regulatory agenda for crop protection products has a solid foundation in science, and advances alongside the latest scientific discussions, reflections and findings. It is an arduous and intense work that allows access to new technologies that meet the rigorous security requirements for health and sustainability. In 2016 we emphasize the transparent and constant dialogue that we had with the authorities; these are processes of mutual understanding that result in the introduction of new products developed with state-of-the-art technologies, to meet the demands that farmers need to control pests and ensure safe and high quality harvests.

A challenge for the authorities that today demands more attention is the illegal trade in pesticides. Pesticide smuggling, counterfeiting and adulteration are a growing problem with negative consequences for human health, the environment, the crops and the economy. In 2016 the United Nations Interregional Crime Agency (UNICRI) estimated that at least 15% of the global pesticide trade corresponds to illegal products. It is imperative to combat organized crime effectively, for which coordination between national authorities, agricultural guilds, industry and international agencies is essential.

If the consumer asks what happens to the empty pesticide containers in the field, we can tell him that Latin America is a world leader in the recycling of these plastics, and that in some countries the authorities design post-consumer legislation that gives co-responsibility to the users for the correct disposal of these materials. In 2016 Argentina and Bolivia moved forward with legislative proposals in this area.

Food safety is one of the major concerns of consumers today, and we can give them the assurance that today we have multiple endeavors to promote a better implementation of Good Agricultural Practices in crops of all scales. Today farmers are more aware of the importance of the safety of their harvests as never before in history. In 2016 our training sessions on the responsible use of products for farmers, pesticide applicators and distributors gained greater coverage through partnerships with other organizations. We must add the boom of digital applications for agriculture, whose efficiency is made possible by the increased access to mobile internet in Latin America.

With modern agriculture new development opportunities are opening up for rural communities, for farmers at all levels of production and for consumers who demand abundant, healthy, safe and affordable food.

This task of informing the consumer and gaining their trust has only just begun. Be part of this effort in every conversation and opportunity that you can, become a promoter of modern agriculture as a fundamental socio-economic activity for development.

Join our "El Agricultor Primero" (First Farmer First) Campaign. If not you, who?
Did you know ...

REGULATORY TOPICS IN THE AGROCHEMICAL SECTOR ARE ARDUOUS AND INTENSE; THE AUTHORITIES CONSTANTLY REVIEW THE EVALUATION PROCESSES FOR PLANT PROTECTION PRODUCTS

In 2016 the dialogue and cooperation with the authorities was dynamic and positive, allowing the exchange of concepts to address concerns about regulatory issues.

**Intellectual property**

CropLife Latin America participated in the meetings of the Economic Commission for Latin America and the Caribbean, ECLAC (CEPAL in Spanish), for discussion of a Convention on Transparency, Justice and Citizen Participation in Environmental Decision-Making. The objective is to ensure the three pillars sought by the agreement, while recognizing the intellectual property rights.

**Ecuador, México and Brazil**

consider migrating to electronic records for agrochemical registrations, which is a technological challenge to safeguard intellectual property rights such as industrial secrets.

**Biotechnology**

On Biotechnology issues, CropLife Latin America has an important role in the dialogue between academia, government and industry.

The discussion of scientific criteria is important in light of the emergence of topics such as Synthetic Biology, New Methods of Genetic Improvement and Risk Assessment in national and international forums, such as the Meeting of the Parties to the Convention on Biological Diversity and the United Nations Cartagena Protocol on Biotechnology Safety.

**Regulatory agenda**

After four years of work, the Costa Rican authority undertook a thorough reform of the registration system to allow for its modernization, efficacy and efficiency. The reform is expected to end the almost 10 years in which it was impossible to register new molecules, leaving the country behind in the provision of technology and tools for the farmer.

The Andean Community General Secretariat (Secretaría General de la Comunidad Andina) progressed in the process of updating the Andean Technical Manual, with new topics such as the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and Equivalence.

In Colombia the National Environmental Licensing Authority (Autoridad Nacional de Licencias Ambientales, ANLA) with the support of Procultivos-ANDI, published the document Guidelines for Risk Assessment in Birds.

CropLife Latin America and CropLife International supported the local association, ANDEF in the public consultation on toxicological evaluation convened by the National Health Surveillance Agency (Agencia Nacional de Vigilancia Sanitaria, ANVISA) in Brazil. It is expected that the proposed regulations provide a balance between the correct application of science and the protection objectives of the regulatory agency.

These were some of the central themes of the more than 10 workshops held throughout the region during 2016:

**Academic agenda**

Rotterdam Convention

Codex Alimentarius

Pesticide specifications and equivalence

Protection of Test Data, Confidential Information and Business Secrets

Biotechnology
Did you know ... behind a pesticide support and a rigorous regulation process there is research, scientific regulation process

Investment to guarantee the:
- Environmental security
- Agronomy efficacy
- Toxicological safety

11,3 years Research and Development
USD 286 million investment
Only 1 of 159 molecules reaches the field.*

Scientists from different disciplines participate working in:
- Toxology
- Chemistry
- Bioefficacy
- Environmental

It is a High Risk process

They perform multiple tests to ensure efficiency, efficacy and safety of the product.

The companies present the safety and efficacy data required by the authorities in each country.

They design the best formula, define the manufacturing process and choose the appropriate packaging.

Once the product is ready, the registration procedures are initiated to obtain the permit to sell the product in each country.

Research and Development

The authorities assess each product

+120 STUDIES

Check the efficacy to control the pest, weed or disease for which it was designed.

Evaluate the safety for health and the environment.

Authorize specific uses in agriculture for each product.

The authorities can review the registration at any time and ask for new information.

The authorities monitor the use of the product.

The Industry participates in the training on Responsible Use and drives final disposal programs for empty pesticide containers.

Did you know ...
THERE ARE MULTIPLE EFFORTS TO TRAIN IN THE
RESPONSIBLE USE OF PESTICIDES IN LATIN AMERICA

CuidAgro® and CampoLimpio™ are two stewardship programs for farmers to improve agricultural practices related to the use of personal protection equipment, responsible use of pesticides and proper management of empty pesticide containers.

The programs are implemented by CropLife Latin America’s network of associations with the active participation of farmers, distributors and authorities.

968 people were trained using CropLife Latin America’s e-learning free courses.

Since their launch to date, more than 11,000 people have taken one of the four courses available on the website.

Virtual Courses

4,968

www.cropifelia.org

Biological Beds, Life Cycle of a Pesticide, CampoLimpio Program and the course on the International Code of Conduct for Pesticide Management are the courses available in Spanish and Portuguese.

Post-consumption duties

The CampoLimpio program began two decades ago as a voluntary industry initiative; today it is regulated in Brazil, Colombia and Ecuador with legal provisions giving responsibility to farmers, distributors, industry and the authorities.

In 2016 Argentina and Bolivia advanced in that direction.

400 thousand TONNES of empty containers destined for correct elimination

Through the Campo Limpo System, Brazil reaches this historic milestone after 15 years of work, of the participation of the entire agricultural chain and of the leadership of the National Institute for Processing Empty Containers, inpEV.

21 new collection centers

In 2016 the Associations expanded the coverage of the CampoLimpio program with the construction of more Collection Centers. Bolivia, Honduras, Uruguay, El Salvador and Ecuador are among the countries that launched new centers.

Alliances

HONDURAS
AHSAFE - USAID
This initiative that seeks to alleviate extreme poverty in Honduras includes the training of master trainers and farmers in Good Agricultural Practices to increase productivity. For the small scale growers, a healthy and productive crop makes the difference between a life in prosperity and a life in poverty.

+164,000
direct beneficiaries in 2016

EL SALVADOR: APA – Clinton Foundation
This alliance promotes the education and the development of business skills for farmers, that allows them to market their harvests directly and in many cases to get better profit margins.

+12,000
small scale growers benefited

ARGENTINA: CASAFE - Ministry of Agroindustry
With a new training model this alliance focused on the training of small tobacco producers. At the Demonstration Days it was shown live how to make secure and timely applications.

+26,500
people trained in 2016
### Negative effects of illegal trade in pesticides

Illegal trade in crop protection products is a growing problem; it includes smuggling, counterfeiting, adulteration and the sale/purchase of stolen or unregistered pesticides.

- **Affects farmers and their crops.**
- **Impacts international trade.**
- **Discourages investment in Research and Development.**

It is a real hazard that affects health and the environment.

#### Learn about the Strategies of organized crime gangs

The United Nations Interregional Agency against Crime, UNICRI, published in 2016 a guide to understanding and combating illegal trade in pesticides, highlighting the following strategies used by scammers:

1. They ship the components of the products separately in small packages.
2. The illegal pesticides are assembled, packaged or re-packaged for their distribution at the country of destination.
3. They use a separate distribution service to send marks, labels and empty containers.
4. They permanently change routes to hide the origin and destination of the products.
5. They use fraudulent shipping documents. They are flexible and adaptable criminal organizations.
6. They use in their favor the absence of universal standards for adequate documentation to evidence the legality or registration in specific markets.
7. They take advantage of the fact that illegal trade in pesticides is considered of minor criminal and financial importance.

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Did you know ...

INFORMATION AND COMMUNICATION ARE KEY SO THAT CITIES UNDERSTAND THE TECHNOLOGIES THAT ARE USED IN THE FIELD

DIGITAL ECOSYSTEM

CropLife Latin America promotes dialogue with different audiences and sectors of society. In 2016 it strengthened its digital ecosystem with the creation of two new portals: Plaguicidas.info (Pesticides.info) and El Agricultor Primero (Farmer First), targeting the urban public with the aim of generating greater familiarity with modern agriculture and agro-technologies.

We are present in 9 social network accounts between Facebook, Twitter, Instagram and YouTube. On Facebook we concluded the year with more than 200 thousand followers.

REACH OF

275 thousand
PEOPLE PER MONTH.

Our readers come mainly from Mexico, Colombia, Venezuela, Guatemala and Argentina.

Already there are more than 95,000 followers on Facebook and 20,000 activists who have committed to this initiative and who fulfill in their day to day, at least one of the commitments promoted by the campaign.

EL AGRICULTOR PRIMERO (FARMER FIRST) is an initiative that seeks to claim and promote the importance of the role of the farmer as a food supplier in the city.

More than 250 attendees and 400 people connected by internet participated in the IX International Forum of CropLife Latin America and the Cámara de Sanidad Agropecuaria y Fertilizantes, CASAFE, in Buenos Aires, Argentina.

In the framework of the forum, CropLife Latin America presented an award to the Bolsa de Cereales de Buenos Aires (board of grain trade) for its Red de BPA (GAP Network) initiative, which aims to generate information, inter-institutional dialogue and cooperation among the main actors in the agro-industrial chain.

CropLife Latin America also participated in more than six events, symposia and forums, with presentations on the agricultural potential of Latin America, in Mexico, the Dominican Republic, Costa Rica, Panama and Argentina.

TOPICS ADDRESSED DURING THE FORUM

- Latin American Economic Outlook
- The agricultural potential of the region
- Innovation
- Biological Beds
- Aerial applications in Brazil

Learn about the role that science and technology play in agricultural production.

Prevent food waste and contribute to hunger reduction and food security.

Advocate so that young people train and educated themselves on agricultural matters; in their hands is the future of humanity.

Invite your friends and family to understand the relationship that exists between the farmer and the food that comes daily to their table.

Before paying your purchase, think of everything the farmer had to do so that his products are in the fruit and vegetable section of the supermarket. What would you do without them?

Do not forget that the work of the farmer is crucial to meet the food demand of the growing world population.

Join
ADULTERATED PESTICIDES
DO NOT EXPOSE YOURSELF

Trade in adulterated pesticides is a growing problem. Illegal pesticides have not been evaluated or authorized; if you use them you put at risk your health, your harvest and the environment.

PURCHASE ONLY LEGITIMATE AND REGISTERED PESTICIDES.

IF YOU HAVE INFORMATION ABOUT THE SALE OF ILLEGAL PRODUCTS, CONTACT THE RELEVANT NATIONAL AUTHORITIES OR OUR NETWORK OF ASSOCIATIONS.

www.croplifela.org

Only purchase products from authorized distributors or Ag services dealers.

Be suspicious of offers or discounts from strangers.

Acquire products that are approved and/or registered in the country, with labels in the national language.

Request an invoice that includes the correct detail of your purchase.