Dear Friends and Allies:

The numbers continue to demonstrate a pressing issue: the food crisis is growing, and America’s farmers play a critical role in producing enough food for the future. Farmers must find ways to double agricultural output to feed a world expected to grow to 9 billion by 2050 from 6 billion people today — the equivalent of feeding two more Chinas. At the same time, they must use the land responsibly, minimize the impact on the land and preserve water use.

CropLife America (CLA) recognizes that modern agriculture is part of the solution. Modern agricultural practices, such as the responsible use of crop protection products, are leading the way in innovative technologies, with hundreds of millions of dollars going into research and development. The industry works closely with government agencies such as the U.S. Environmental Protection Agency (EPA) to develop science-based regulatory policies which ensure safe products and consumer confidence. And ultimately, modern agricultural practices result in sustainable farming techniques such as zero-tillage farming, and require less water and other vital inputs.

The professional staff at CropLife America (CLA), along with its member companies, continues to tell this story. Through educating stakeholders, working hand-in-hand with policymakers and regulators, communications outreach, and other plans detailed in our 2010 - 2015 Strategic Plan, CLA strives to build a regulatory environment that supports modern agriculture and its constant advancements.

Some of the recent CLA events which support this common cause included:

• 2010 Legislative Rally on Capitol Hill, where CLA members were able to directly meet with lawmakers and discuss the impact of agriculture in their state;

• 2010 CropLife America and RISE Spring Conference, bringing together professionals involved in the development and regulation of crop protection products;

• The Inaugural National Policy Conference in Washington, D.C., which fostered an insightful discussion of the ethics and broader principles guiding agricultural policy.

We would like to share with you the role that crop protection holds in modern agriculture, and the work that CLA has done to educate the thought-leaders and policymakers on these issues. As America’s farmers continue to maximize their output in a safe and sustainable manner, and meet the needs of a growing world, we must support them in their efforts.

CLA’s members are a vital part of this process and have proven their dedication to helping build a future with modern agriculture. They are heavily invested in the development of new products, with well over $200 million going into R&D for each new crop protection product, and support the development of modern agricultural practices abroad in CropLife Foundation’s Africa Weed Control Project. Our members are making the commitment to ensure food for all.

Through the combined efforts of the CLA staff, senior leadership, member organizations and agricultural allies, we can help support the future of agriculture.

Sincerely,

Bill Buckner
Chairman, CropLife America
President and CEO, Bayer CropScience

Jay Vroom
President and CEO
CropLife America
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Overview

For thousands of years, agriculture has been at the foundation of human development and economic sustainability. Now, today’s farmers find themselves at the intersection of two immense challenges. One is a physical challenge: farmers must find ways to double agricultural output to feed a world expected to grow to 9 billion by 2050 from 6 billion people today – the equivalent of feeding two more Chinas. And they need to do it while making the most of every available acre of land and drop of fresh water. The second is the social challenge of educating the public about the tools and technologies farmers require to meet the world’s physical needs.

As a response to this challenge, farmers turn to modern agriculture. Comprised of innovation, safety and sustainability, modern agriculture provides part of the solution. Through intensive scientific research and robust investment in modern agriculture during the past 50 years, farmers have been able to double food production while essentially freezing the footprint of total cultivated farmland.

CropLife America (CLA) and its members help farmers by pursuing an agenda based on new solutions. CLA advocates for farmers and sheds light on their stories of progress and success they have producing more crops in ways that protect public health and conserve precious natural resources.

Through education and outreach with policymakers, coalition building, strategic communications, and working closely with the regulatory agencies that guide U.S. agriculture, CLA supports farms and farmers. CLA helps farmers produce more crops, protect public health and conserve precious natural resources. And they succeed when the public policy environment enables farmers to successfully do what they do best: grow.

The responsible application of crop protection products – herbicides, fungicides and insecticides – is one more tool in modern agricultural practices. With their knowledge and skill, farmers can help meet the challenges of feeding our future generations.
Stories from the Field – The Face of Agriculture Today

Farmers are always looking forward, and depend upon modern agriculture, innovative technologies and new practices to accomplish their goal of producing food for all.

---[Story from the Field]---

Three Springs Fruit Farm, Using Integrated Pest Management to Do More with Less

The family heritage of Three Springs Fruit Farm in Adams County, Pa., spans 190 years. Now in its seventh generation of family farming, the Wenk family brings a variety of fruits, berries and vegetables to the Washington, D.C. farmers and wholesale markets. The Wenk family farm is committed to using Integrated Pest Management (IPM) practices to grow their products.

Ben Wenk, the youngest generation of growers on Three Springs Fruit Farm, is proud of his family’s commitment to the responsible use of crop protection products, a spirit which has been in the family for many years. “As far as I can remember, my father would explain that he had to spray, not that he automatically did,” explained Wenk.

The Wenk family uses IPM techniques such as mating disruptors, which they use on nearly all of their apples and 100 percent of their peaches. Another modern practice used by the Wenk farmers is scouting, in which they closely monitor the insect population to determine the peak and most effective time to treat their crops.
CropLife America and its Members: Creating an Environment for Growth

CropLife America plays an important role in the advancement and stewardship of modern agriculture. Through promoting the increasingly responsible, science-driven legislation and regulation of crop protection products, we help farmers do their best to feed a hungry world.

CLA strives to foster dialogue on modern agriculture, its possibilities, and how America can achieve sound agricultural policy. Year-round, we bring together influential thought leaders, policymakers, science professionals and media to discuss the accomplishments of agriculture, what farmers need for the future, and how we can help them achieve their goals.

From staying closely involved in the development of new industry regulations, to building coalitions across the country, CLA’s professional staff represents the needs of America’s growers. The Communications, Government Relations, Legal, and Science and Regulatory Affairs departments are all intricately involved in representing the crop protection industry, CLA members and America’s growers. Through advocating a platform of sound, science-based policy, each department plays an important role.

Communications

The benefits of crop protection products are often misunderstood and overlooked. Educating the figures who shape key legislation affecting agriculture, such as the Farm Bill, is the first step in helping change America’s view on crop protection and understanding of modern agriculture. To begin that change, the communications staff at CropLife America helped organize CLA’s first National Policy Conference in 2010 as a vehicle to initiate public discourse on the issues surrounding modern agriculture and to reach out to policymakers (see page 17).

CLA supports a platform of outreach, education and debate on the many benefits of crop protection products. From industry stakeholders and employees, to the media and Capitol Hill, engaging the audience in a discussion is the first step in sharing the story of modern agriculture. Data demonstrates the impact of crop protection products in helping to feed a growing world, reduce environmental impact, fuel local economies and more. Through consistent outreach to media and key allies, CLA strives to explain the important contributions of the industry, the role of modern agriculture, and the results which benefit all.

Government Relations

As the Obama Administration has stepped up its pace on a broad front of policy issues, the Government Relations staff at CropLife America has led another active year of issue advocacy on behalf of the association and its member companies. The challenges to the crop protection industry are significant — from continuing frustrations on ESA biological opinions, to spray drift and risk assessment proposals, and dealing with new Clean Water Act requirements for pesticide applications, among others.
While legislative activity on pesticides has mostly given-way to signature national issues like health care reform or climate change, continued advocacy of the legislative branch remains the most reliable means of confronting the policy challenges facing modern agriculture.

As CLA considers the work that remains to be done in this calendar year and looks ahead to the 112th Congress, the government relations staff remains committed to working with the legislative and executive branches of our federal and state governments. The CLA staff helps ensure that U.S. agriculture has access to the crop protection tools to assist in the production of food, fiber and biofuels to help our domestic economy, provide for domestic consumption and contribute to the feeding of an expanding global population.

Legal
As part of the effort to represent the needs of farmers across the country, CropLife America remains closely involved in court action and litigation issues affecting the crop protection industry. There are overarching legal issues which could impact all systems of modern agriculture, such as the Clean Water Act or National Pollutant Discharge Elimination System permit, as well as lawsuits by extremist environmental and conservation organizations that threaten farmers every day. The legal team at CLA is involved in the relentless pursuit of addressing these issues and plays a leading role in fighting to allow access to all necessary agricultural tools.

To meet these goals, CLA regularly files amicus briefs, petitions, letters of support/opposition, and comments relevant to specific legal cases affecting our industry. As issues such as the ESA biological opinions or Clean Water Act gathered momentum this year, the legal staff at CLA remained involved and engaged. This level of active legal involvement in the major litigation affecting the crop protection industry ensures that agricultural concerns and rights are heard by those who make policy and govern the industry.

Science and Regulatory Affairs
Sound science and innovative technologies are the backbone of modern agriculture, and provide growers with the tools they need. The crop protection industry develops these new tools, beginning with scientific research from inside the lab to final product label, thus executing each of the many rigorous steps to meet regulatory requirements. As such, CropLife America encourages an open dialogue and collaborative work with the U.S. government and agency officials at EPA, USDA and state regulatory offices.

This begins with a strong relationship with these offices, fostered by the Science and Regulatory Affairs department at CLA. Serving as the voice of the crop protection industry, CLA promotes the advancement of sound, science-based regulation from within the government agencies.

An embodiment of this is the CLA/RISE Spring Conference. This annual conference provides a dynamic exchange of the latest information to assist the industry in not only providing effective products, but helping to ensure their safety for the environment and consumers. Through engaging and insightful discussions about the science and policies affecting the development, use and regulation of new products, government and industry work together and ensure future innovation.
CropLife America Members: Investing in the Future

CropLife America’s member companies play a critical role in helping to sustain the human, economic and environmental health of our nation. Our members provide the growers with innovative products and technology that allows them to produce the safest, highest quality, most abundant and affordable food, energy and fiber supply on the planet. Further, these organizations offer consumers safe and effective products that protect the public from pests, disease and potential epidemics.

Our members represent virtually all of the developers, manufacturers, formulators and distributors of plant science solutions for agriculture and pest management in the United States.

Product Research and Development

CropLife America’s member organizations work tirelessly to share the accomplishments of modern agriculture. Through dedicating time, money and resources to working closely with the EPA and other federal and state regulatory agencies, they deliver the safest and most effective products for farmers. From initial research to the final product label with instructions for use, CLA’s members devote the time and effort needed.

In February 2010, CLA released a new study of research and development for the crop protection industry showing a nearly 40 percent increase in investment expenditure over the past decade in the discovery, development and registration of new pest and disease prevention products in the U.S. and Europe.

The Phillips McDougall study reported that discovery and development for new crop protection products reached an average of $256 million per new product introduced in 2005-2008, a 39.1 percent increase over 2000. During the same timeframe, the cost of taking a product through developmental stages increased to an average of $146 million, nearly double the amount in 2000. The greatest increase was identified in the costs of field trials which rose over 115 percent in 2005-08 to an average of $54 million.
Providing the Tools
In addition to investing heavily in the development of new, more effective and cutting-edge products, CropLife America’s members play a critical role in providing these tools to farmers across the country. Growers in the U.S. depend upon access to the newest products, training on responsible application and use, and ultimately a successful crop. The distributors of these products help farmers to add to their toolbox and reach their goal. CLA members are also constantly re-inventing and improving older products using innovation in product formulation, improved application technology, and better user training programs to name just a few areas of this key development area.

Modern Agriculture for All
On almost all African smallholder farms, modern agriculture is simply not an option. Those who most feel considerable impact are the women and children who spend the most hours in the field, weeding and working to protect crops from invasive pests. Women represent 90 percent of all handweeders and dedicate nearly half of their time to the demanding work. Yet crop yields still suffer due to wrongly timed and insufficient weeding, with yield losses averaging 30 percent.

In 2008, the CropLife Foundation (CLF) developed the Africa Weed Control Project, a field project based in Malawi and Kenya. This unique program was a joint venture between CLA, CropLife International and CNFA. The parties helped demonstrate the value of herbicides, currently used in less than 5 percent of African agriculture, by utilizing products donated by CLA members, incorporating an agridealer network maintained by CNFA in Malawi and Kenya and providing training to smallholder farmers in the proper application of herbicides.
In December 2009, the Crop Protection Research Institute (CPRI), the research unit of CLF, released a report highlighting the differences made through the practical and safe use of crop protection products on these farms. Scientific literature has consistently documented that herbicides would more effectively control weeds, leading to a 90 percent reduction in hand weeding and opportunities for women farmers to pursue additional educational, business and family opportunities. CPRI issued a conservative estimate that the use of herbicides could reduce hand weeding labor by 24 billion hours and result in a 40 million ton increase in crop yield.

As part of the project, CLF partnered with CNFA and a number of the developers and manufacturers of crop protection products. These organizations planted research plots in Malawi, Kenya and Tanzania which drew over 3,000 farmers to witness the results of herbicide use first-hand. Maize plots treated with herbicides produced a 26 percent increase in crop yield, with a reduction of 150 hours per hectare in handweeding. In addition, the cost of herbicides was 50 percent lower than the cost of handweeding labor.
The Molatore family, pest control advisors, California

Pest control advisors (PCA) are a critical component to the safe use and management of pesticides. Farmers rely on PCA’s professional expertise to ensure they are following best possible pesticide management practices.

Three generations of the Molatore family in California work as PCAs and they embrace the key role they play in helping farmers grow better crops and increase yields. The Molatores have developed long-term relationships with the farmers they serve and have become an essential resource for the newest information and innovations related to crop protection. When they are examining fields and recommending ways to manage pests – whether it’s determining how to avoid pest damage or if treatment is even needed – the Molatores are ultimately trying to help farmers get a better return on their investment and pass on those returns to consumers.

“I take immense pride in what my family and I do. When you help farmers, you’re really helping everyone because we all rely on them. Farmers make sure we never have to worry about where our next meal will come from,” says John Molatore.
About Crop Protection and Its Role in Modern Agriculture

Crop Protection is...Innovative
To feed an ever growing world, modern agriculture allows farmers to produce both an abundant and affordable supply of food. Through the use of crop protection products, farmers can do exponentially more.

- With research and investment, modern agriculture has helped farmers double the production of food calories since 1960, while essentially freezing the footprint of total cultivated farmland. Innovative crop protection technologies have helped farmers substantially limit the effects of productivity-robbing weeds, insects and diseases.

A century ago, one American farmer produced food for 2.5 people. Today, a single farmer can feed more than 130 people.1 This kind of progress also underscores how the innovative backbone of modern agriculture helps protect crops through intensive scientific research, robust investment and breakthrough technology.

Innovation is the linchpin that supports productivity, safety and sustainability. It also enables people, including farmers and their families, to live better lives. The convergence of new techniques and technologies allow farmers to maintain a much better work/life balance than the farmers before them, as well as produce more and better food.

Continual innovation is critical to produce safe and effective products and provide high-quality food and fiber worldwide amid evolving agricultural threats. Indeed, crop protection ranks among the most research-intensive industries. Companies within the crop protection sector invest about 12 percent of their revenue in research and development (R&D).

Significant progress still must be made. 40 percent of potential crop production still remains lost to weeds, pests and disease. The use of land, water and resources must be held in check. And farmers again must double their yield to meet the demands of a growing and changing world. Only through innovation will farmers get the technologies they require to produce more crops, protect public health and conserve precious natural resources.

Crop Protection is...Safe
Producing safe food and protecting natural resources is the goal of modern agriculture. Millions of lives are at stake. Through intensive research, regulatory guidance and a commitment to stewardship, crop protection plays an important role in agriculture safety.

- The agriculture industry works closely with government agencies and other organizations to ensure that farmers have access to the technologies required to support modern and safe agriculture practices.

- Today’s farmers are supported by education and certification programs that ensure they apply modern agriculture practices and that all inputs are used with care and only when required.

1 The World Factbook, CIA
High-profile food recalls in recent years have raised consumers' awareness about their food. Food safety, of course, applies to several important elements. It pertains to the safety of humans and animals; the environmental protection of crops from diseases, pathogens and pests; and national and economic stability. It instills trust – the most critical goal of all – and confidence.

With so many lives at stake, modern agriculture’s goal is to produce a safe, as well as abundant and affordable, food supply, with each priority assuming critical importance. As such, crop protection ranks among the most highly regulated industries. CLA’s member companies work closely with regulatory bodies such as the EPA to ensure the highest standards of safety.

Crop protection products undergo more than 120 health, safety and environmental tests – a development, review and registration process that requires eight to 10 years – to ensure their safety and effectiveness. The price tag for such safety: more than $100 million in developing health, environmental and safety data for each successful product.

Ensuring food safety requires constant diligence, but that attentiveness is essential. Through the time and effort invested into crop protection products, consumers can trust in their food.

Crop Protection is... Sustainable
Modern agricultural practices, including the use of crop protection products, enables farmers to meet the three goals of sustainability: conserve and protect natural resources; meet the food and fuel needs of a growing population; and be financially viable for both growers and consumers.

• New technologies produced by the crop protection industry are necessary to provide farmers with the tools and resources needed to reduce their environmental footprint and to make farming more sustainable.
Innovative products and other modern agricultural practices have given rise to trends like conservation tillage, a farming process which helps prevent land loss erosion, water pollution and enhances carbon sequestration.

For farmers, the land is their livelihood and their legacy. They listen to nature; touching the soil, checking their crops and scanning the sky. So who besides farmers better understands sustainable agriculture – the delicate ecological balance of conserving the precious land and water resources so deeply critical to their success?

Farmers know the facts about our dwindling natural resources and increasing demand for food. Experts forecast the demand for agricultural goods will double by 2050 to sustain three billion more people than today’s 6.5 billion. Farmers hear that grain-producing land per capita will shrink by 2030 to just a third of what it was in 1950. They read the predictions that in just a decade, they will need 17 percent more water than is available to feed the world.

With these concerns, farmers turn to modern agriculture for solutions including the development of innovative crop protection and production technologies. Farmers benefit by using these technologies to grow and harvest more crops with less fertilizer, pesticides and fuel. They expect that with these sustainable practices, future generations of growers will expand their production to supply the world with sufficient food while also serving as environmental stewards.
Leon Corzine, corn and soybean grower, Illinois

Leon Corzine, a corn and soybean grower in Illinois, credits new technologies with allowing his family to produce an increased crop yield using inputs – including crop protection, fertilizer and water – more efficiently.

In part through the use of new crop protection technologies on his farms, Leon has increased productivity by more than 40 percent in the past 10 years. New innovations have also allowed him to produce a higher quality product in a more environmentally-friendly way by reducing the amount of water, fertilizers and crop protection products used in the farming process. And new techniques, like conservation tillage, enable him to protect his soil from erosion that can rob his fields of precious nutrients and moisture. That’s good for his crops and helps protect local water supplies.

“Our mantra is to leave the farm in a better way than we found it, for the next generation,” says Leon. “We do a lot of things to look to the future and what we need to do, not only in product development but also in how our farming practices are going to fit into that . . . we continue to increase our efficiencies and I see more of that coming in the future; probably faster than it did in the past. Which is a great thing, we are getting that investment in agriculture that we truly do need.”
The Future of Food

A Future of Challenges

People unfamiliar with agriculture often imagine an idyllic vision of the countryside when they think of the farmer in his fields, without much of a realistic understanding of the constant innovations necessary to grow the affordable and abundant food staples we all rely on. The data proves that changes and advancements need to be made in agriculture, from food production to distribution, to meeting the challenges of a growing world. But this outlook assumes our politicians are making the urgent decisions and key policy actions to meet the future nutritional needs. Unless the right decisions are made today, the world’s single most important undertaking — to increase agricultural productivity on existing arable and degraded land — is impaired.

For many actively engaged in the sector, agriculture often seems assailed from all sides. Extremist environmental groups advocate for policies that would significantly decrease productivity. Animal rights groups push an agenda that is typically based on emotion rather than science. Opposition to the use of modern agricultural technology — chemicals in crop protection products, hormones, antibiotics and other treatments, and to biotech-modified plants and animals — has encouraged an agenda that often hinders scientific advances, narrowing options to improve productivity. At the same time, pressure on available crop land is increased and in some cases, environmental problems are worsened.

National Policy Conference

Recognizing the need for an open dialogue, and to encourage debate and mobilize political will, CLA initiated its first annual National Policy Conference in 2010. The purpose of the inaugural event: to bring together leading experts in the fields of agriculture, food safety and security to offer highly diverse perspectives and engage on all issues facing modern agriculture. The end goal: to start answering the necessary questions, ensure that key decisions on investment and policies to eradicate hunger are solved, and that solutions are implemented effectively.

Participants of CLA’s National Policy Conference demonstrated that the overwhelming policy issue for the next three decades is without question how resources and production will be allocated to stimulate global productivity growth. Opinions naturally varied on the best approach from the diverse crowd of participants. But all panelists considered the many factors influencing the future of agricultural policy, such as the current global outlook for enormous growth in demands for food, fuel and environmental protection, increasingly severe resource limitations, and the need for accelerated productivity, all agreed the global challenge must be addressed by innovative ideas and collaboration across political borders.
The Need for Policy Answers

And it couldn’t come at a better time. Only two years after passage of The Food, Conservation and Energy Act of 2008, also known as the U.S. Farm Bill, agricultural stakeholders are already thinking about the Farm Bill’s expiring authority in 2012 and the need to lay the groundwork for the next Farm Bill in the 112th Congress.

Many of the same issues that garnered focus in the 2008 Farm Bill, such as conservation, energy, specialty crops, continued farmer access to technology including crop protection innovation, will no doubt be at the core of the future 2012 Farm Bill. Access to modern agricultural technology will be fundamental to cost-effective farming. Farmers aren’t able to efficiently produce enough food at low cost unless they have access to the best innovative technology available to modern agriculture. For our food, fuel and fiber production to stay apace with demand, things will have to change. The future need demands it.

Continued open debate on the array of influences and perspectives, will help shape agricultural policy, and we can help provide solutions in a world where more than 25,000 people die each day from malnutrition.
Appendix

Issues Allocation – Half Year 2010

CropLife America’s strategic plan of issue priorities allows the association to plan and monitor where CLA resources are allocated and determine priority issues on a monthly basis. Tracking these topics, and the time spent on each, helps identify emerging issues as well as prevent “mission creep.”

The following chart demonstrates the major issues CLA staff dedicated time to managing as part of its business plan during the first half of 2010.

Crop Protection Market Overview

In 2009, the world market for crop protection products is estimated to have decreased by 6.5 percent to reach approximately $38 billion, according to data from market research firm Phillips McDougall. Among the factors affecting the crop protection market in 2009 were weather-related delays for planting and harvesting in both the United States and European Union, and reduced demand following a global economic downturn along with subsequent reduced access to credit for farmers and distributors.

Over the last five and 10 years, market growth has been led by the fungicides sector, a trend that reversed in 2009. Sales of fungicides fell by 6.5 percent in 2009, while sales for herbicides saw a reduction of 8.2 percent. The smallest market reduction was recorded by the insecticides market which declined by 2.7 percent, benefitting from new product introductions and expansion of the seed treatment sector.

Over the next five years, herbicides are expected to lead market growth, while new products should sustain a positive market for insecticides. The fungicide sector is expected to experience modest growth with increases generated from new product introductions and a further expansion of the seed treatment sector.

Major Issue Management

Crop Protection Market Overview

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Affiliate Organizations

CropLife Foundation
The CropLife Foundation (CLF or the Foundation) is a not-for-profit organization, which actively conducts educational outreach programs advancing sustainable agriculture and the environmentally sound use of crop protection products, promoting product stewardship through certification and training programs and funding scientific research into modern agricultural practices. By working with industry, farmers, private and public researchers, and educators, the foundation aims to identify both the problems as well as the appropriate solutions toward establishing a sustainable, environmentally sound, and economical global agriculture. CLF’s non-advocacy research organization, the Crop Protection Research Institute (CPRI), informs the public discussion surrounding pest management policy through a focus on the economic analysis of agricultural pests, pest management, and pesticide use and regulation in the U.S.

RISE
RISE (Responsible Industry for a Sound Environment), since 1991 a principal partner of CropLife America, is the national not-for-profit trade association representing producers and suppliers of specialty pesticides and fertilizers. RISE and CropLife America’s strong partnership and common objective to advocate for our members on behalf of the equitable and science based regulation of pesticides, provides a strong, unified voice for our members and the pesticide industry.

CropLife International
CLA is a leading association member of our global federation, CropLife International [CLI]. CLI represents the plant science industry via regional and national associations in 91 countries. This vital network allows us to reach out to stakeholders, develop dialogue and form partnerships across borders, creating physical and virtual synergies that allow for international advocacy on policies essential to U.S. agriculture and farm exports and benefiting our industry, customers, and consumers alike.

Ag Container Recycling Council (ACRC)
The ACRC is a non-profit organization that safely collects and recycles plastic crop protection product containers. The ACRC is fully funded by member companies and affiliates that formulate, produce, package and distribute crop protection and other pesticide products.

AgGateway
AgGateway is a consortium of businesses serving the agriculture industry formed for its members companies to share information electronically in the agricultural and food supply chains. It helps member companies efficiently address current and future challenges in traceability, increasing government regulation and aids member companies in achieving supply chain cost savings.

CropLife America State and Regional Partners
CropLife America also includes a number of state and regional partners in its network, counting more than 40 state and regional associations and organizations among its allies in promoting and advancing modern agriculture.
CropLife America Board of Directors as of August 2010

Bill Buckner (Chairman of the Board), Bayer CropScience
Jeffrey Allison, United Phosphorus, Inc.
Steve Barwick, GROWMARK, Inc.
Jim Blome, Valent USA Corporation
Neal Butler, KMG Chemicals, Inc.
David Cassidy, Tessenerlo Kerley, Inc.
John Chrosniak, DuPont Crop Protection
Keith Conrad, Monsanto Company
William Culpepper, SePRO Corporation
Steve Gullickson, MGK
Vern Hawkins, Syngenta Crop Protection, Inc.
Stanton Howell, Dow AgroSciences, LLC
Gregory Johnson, Fine Americas, Inc.
John Juvenal, Tenkoz, Inc.
Andrew Lee, Sipcam Advan
Bill Lewis, Arysta LifeScience North America Corp.
Richard Martin, PBI/Gordon Corporation
Darryl Matthews, Nufarm Americas, Inc.

Mike McCarty, Helena Chemical Company
Gregory McDaniel, Chemtura Corporation
Nevin McDougall, BASF Corporation
Marcus Meadows-Smith, AgraQuest, Inc.
Douglas Nelson (Secretary), CropLife America
Martin Petersen, Cheminova, Inc.
Steve Peterson, Gowan Company
Rod Schroeder, Winfield Solutions, LLC
Robert Shockey, Drexel Chemical Company
Peter Supron, Scotts Miracle-Gro Company
David Tretter, Crop Production Services
Ulrich Trogele, Ph.D., FMC Corporation
Roger Underwood, Becker Underwood, Inc.
Dan Vradenburg, Wilbur-Ellis Company
Jay Vroom (Ex-Officio), CropLife America
Rob Williams, Makhteshim Agan of North America, Inc.
Eric Wintemute, AMVAC Chemical Corporation

CropLife America Senior Management Team

Doug Nelson, EVP, General Counsel & Secretary
Bill Kuckuck, EVP & COO
Beau Greenwood, EVP, Government Relations & Public Affairs

Dr. Barb Glenn, VP, Science & Regulatory Affairs
Rex Runyon, VP, Media Relations and Stewardship
CropLife America Members and Affiliates as of August 2010

- ABG an Adayana Company
- AgroQuest, Inc.
- AgriCapital Corporation
- AgriMarketing Magazine
- AgroFresh, Inc.
- AMVAC Chemical Corporation
- Arent Fox, LLP
- Arysta LifeScience North America Corp.
- Asmark Institute
- BASF Corporation
- Battelle
- Bayer CropScience
- Becker Underwood Inc.
- Bergeson & Campbell, P.C.
- Beveridge & Diamond, P.C.
- BMO Capital Markets
- Canyon Group LLC
- Cheminova, Inc.
- Chemtura Corporation
- Compliance Services International
- Conn & Smith, Inc.
- Crop Data Management Systems, Inc.
- Crop Production Services
- Crowell & Moring, LLP
- Dintec Agrichemicals
- dmrkynetec
- Dow AgroSciences LLC
- Drexel Chemical Company
- DuPont Crop Protection
- Eka Chemicals, Inc. (an Akzo Nobel Company)
- Estes, Inc.
- Exponent, Inc.
- Faegre & Benson, LLP
- Fine Americas Inc.
- FMC Corporation
- Gordon & Rees, LLP
- Gowan Company
- GROWMARK, Inc.
- Helena Chemical Company
- Intrinsik Environmental, Inc.
CropLife America Members and Affiliates Continued

• Isagro USA, Inc.
• ISK Biosciences Corporation
• J. Oliver Products, LLC
• Keller & Heckman, LLP
• K-I Chemical U.S.A. Inc.
• Kincannon & Reed
• KMG Chemicals, Inc.
• Latham & Watkins, LLP
• Makhteshim Agan of North America, Inc.
• McKenna Long & Aldridge LLP
• MGK McLaughlin Gormley King Company
• Mitsui & Company USA, Inc.
• Monsanto Company
• NAMPAC
• Nichino America, Inc.
• Nisso America Inc.
• Nufarm Americas, Inc.
• PBI/Gordon Corporation

• RiceCo LLC
• SePRO Corporation
• Schertz Aerial Service, Inc.
• Schirm USA, Inc.
• SipcamAdvan
• Steptoe & Johnson LLP
• Syngenta Crop Protection, Inc.
• Technology Sciences Group Inc.
• Tenkoz, Inc.
• Tessenderlo-Kerley, Inc.
• Tide International
• The Scotts Miracle-Gro Company
• United Phosphorus, Inc.
• Valent USA Corporation
• Vance Publishing
• Wilbur-Ellis Company
• Winfield Solutions, LLC
• XS, Inc.