



Fertilizer and Pesticide Authority

Office of the Presidential
Assistant for Food Security
& Agricultural
Modernization



2015

Annual Report

THE COVER

The cover of this Annual Report is inspired by an international report published in the internet and the FPA Management felt that this design can present the elements of this report vividly in a simple yet dynamic manner.

We would like to extend our warmest gratitude to the sources of this design and of the amazing photographs used to fulfill this cover.

Rest assured that these photographs are duly cited at the end of this Report.

Thank you and *Mabuhay!*

The FPA Management

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MESSAGE OF THE *Executive* *Director*

*m*y warmest greetings to all the members of the Fertilizer and Pesticide (FPA) family, including our abled officials and staff, our diligent partners from the Office of the Presidential Assistant for Food Security and Agricultural Modernization (OPAFSAM) and the FPA Board, and our earnest clients and stakeholders from the fertilizer and pesticide sectors.

Several milestones had happened in 2015 after the significant changes brought about by the transfer of the FPA to the OPAFSAM two years ago by virtue of Executive Order No. 165.

One of the unsurmountable successes of the FPA was the implementation of the Civil Service Commission (CSC)-approved Strategic Performance Management System (SPMS) of the Agency, which improved the delivery of services and overall performance of the Agency as a regulatory body.

In 2015, the FPA was able to revive and convene its policy-making and technical bodies, namely the FPA Board and Pesticide Policy Technical Advisory Committee (PPTAC), respectively, which resulted to enhancing the efficiency of FPA functions specifically in the issuance of product registrations and licenses.

Moreover, the operationalization of the Pesticide Analytical Services Laboratory (PASL) Section complemented the existing services being provided by the Fertilizer Analytical Services Laboratory (FASL) Section, thus, the pesticide samples for analysis as a requirement for pesticide registration is now being done by the PASL to ensure that its quality conforms with the prescribed standards.

With these milestones, we would like to extend our gratitude to all our stakeholders and the different institutions, both private and government, who have been with us, providing support and expertise to fulfill our mandate. We hope to have more fruitful endeavors and outcomes through these internal developments and strong inter-agency partnerships.

Thank you and *Mabuhay!*



NORLITO R. GICANA, CESO III
Executive Director

VISION

Improved quality of life for all Filipinos through increased farm incomes, productivity and food production using safe and appropriate fertilizer and pesticide inputs



<http://www.riceoutlook.com/wp-content/uploads/2015/12/rice-1.png>



MANDATE

Assure adequate, safe and affordable supply of fertilizers and pesticides, rationalize the manufacture and marketing of fertilizers, protect the public from risks inherent to pesticides, and educate the agricultural sector on the proper use of these inputs

** The FPA Vision and Mandate were updated and approved by the FPA Board last 23 February 2015.*

FERTILIZER AND PESTICIDE *R*egulation Services

A. PRODUCT REGISTRATION

To ensure effectiveness and safety, fertilizers and pesticides (agricultural) must first be registered and approved by FPA before these products can be distributed in the Philippines. The registrant companies must comply with all the requirements of FPA prior to the approval of the products submitted for registration.

For 2015, FPA has approved the registration of 562 fertilizer and 726 pesticide products and 658 active ingredients.



B. LICENSING OF HANDLERS

Before being authorized to open and run their enterprise, all fertilizer and pesticide (F/P) handlers, such as dealers, distributors, exporters, importers, formulators, indentors, manufacturers, and repackers should have obtained their respective licenses from FPA.

Failure to obtain or renew the license before expiration shall result to the issuance of notices, payment of fines and penalties, and most of all, closure of business.

For 2015, a total of 3,694 licenses were issued by the FPA, of which 1,611 pertains to fertilizer, 879 to pesticide and 1,204 to both F/P.

C. EXPERIMENTAL USE PERMIT

Experimental Use Permit (EUP) is approved by the FPA before any bioefficacy field test is conducted by an FPA Accredited Researcher to generate the data required in the evaluation and registration of F/P products. The total number of EUPs approved in 2015 reached 762 field tests, of which, 259 were for fertilizers and 523 were for pesticides.



D. WAREHOUSE REGISTRATION

Cognizant to the risks and threats imminent in the storage and handling of F/P products, the FPA requires that all F/P warehouses in the Philippines be compliant with the government regulations on the proper storage and handling of these inputs.

For 2015, the FPA has inspected and approved the registration of 1,067 warehouses all over the country where 611 belongs to fertilizers, 323 to pesticides and 133 to both F/P.



E. ACCREDITATION

As part of the FPA's regulation process, attendance to training and passing the FPA examination are the pre-requisites in the issuance of new license/accreditation. On the other hand, attendance to symposium is required before an accreditation can be renewed.

For 2015, there were 64 trainings conducted/coordinated by the FPA which resulted to the accreditation of 3,403 individuals, to wit:

Type of training	No. of trainings	No. accredited
Accredited Safety Dispenser (ASD)	45	2,395
Accredited Responsible Care Officer (ARCO)	5	240
Accredited Researcher	5	
- Fertilizer		37
- Pesticide		153
Certified Pesticide Applicator		
- Agricultural Exterminator	5	220
- Agricultural Fumigator	4	358
TOTAL	64	3,403



F. PERMITS AND OTHER CERTIFICATIONS

Aside from the issuance of Certificate of Product Registration and License to Operate, the FPA also issues other permits and certification relative to the importation, purchase and use of F/P products.

For 2015, a total of 4,801 permits and certifications were issued broken down as follows:

Type	No. Issued
Value-Added-Tax (VAT) Exemption Certificate (for fertilizer importation)	1,718
Certificate Authorizing Importation of Pesticide (CAIP)	2,958
Permit to Purchase Methyl Bromide (for quarantine pre-shipment)	125
TOTAL	4,801

FIELD MONITORING AND Enforcement

The FPA-Field Units (FUs) which are composed of Regional and Provincial Officers are tasked with the monitoring and enforcement of regulatory policies in the fourteen (14) geographical regions.

For 2015, the FUs have accomplished a total of 12,375 monitoring and inspection activities on different handlers, warehouses, hospitals, field trials and plantations nationwide. They also collected 548 fertilizer samples which were analyzed to determine their compliance with the guaranteed specifications.

Likewise, in our effort to get rid of the banned, adulterated and unregistered pesticides and underweight fertilizers in the market, a total of 66 clean-up drive operations and fertilizer random weighing were conducted in the different regions.

As a result of our regular monitoring and inspection activities, the FPA was able to apprehend 86 establishments which were found to have violated the FPA rules and regulations and accordingly issued the corresponding "Stop Use/Move/Sale" (SUMS) Orders.

In terms of surcharges and penalties, the FPA was able to collect a total of P2.9 million for late renewal of registrations and licenses.



INFORMATION AND Education Campaign



In fulfillment of FPA's mandate to promote the judicious use of fertilizers and pesticides, the FPA-Field Units (FUs) continuously conduct trainings and participate in radio programs to reach farming communities effectively.

FPA also distributes its regular information materials on the use of farm inputs namely, "Gabay sa Paggamit ng Abono" and "Gabay sa Paggamit ng Pestisidyo". These are written in the Tagalog dialect for easier comprehension.

Importantly, the FPA quarterly newsletter "FPA Newswatch" has been revived since 2014 and has produced four (4) issues in 2015. This was being disseminated among all regions and industry partners. To better inform the sector on FPA activities and endeavors, the newsletter is regularly produced and disseminated nationwide.

OTHER IMPORTANT *Activities*

A. LABORATORY SERVICES

Five years since the FPA Laboratory started its operation, the Laboratory Services Division (LSD) has been analyzing various types of fertilizer products being submitted for product registration and for quality monitoring purposes.

Fertilizer products submitted to FPA for new or renewal of its registration are analyzed by LSD to confirm its specifications or guaranteed analysis as claimed by the registrants.

Meanwhile, fertilizer samples collected during monitoring activities of the Field Units are forwarded to LSD for confirmatory analysis to determine the nutrient content of fertilizer products being distributed and utilized across the country.

On the other hand, with the FPA Board's approval of the guidelines on the analysis of pesticide, the LSD started accepting pesticide samples for analysis since October 2015. Initially, the active ingredients are limited to butachlor, chlorothalonol, chlorpyrifos, cypermethrin, deltamethrin, imidocloprid and propanil.

For 2015, LSD had analyzed a total of 771 fertilizer samples and conducted a total of 1,652 laboratory analyses with more than P 2.0 million generated income.



B. METHYL BROMIDE (MBr)

FPA strictly monitors the usage of MBr in consistent compliance to the Montreal Protocol. The monitoring system on consumption of MBr has been institutionalized through Administrative Order No. 17 issued by the Department of Agriculture (DA) on August 16, 2010.

As of December 31, 2015, there are 36 handlers of MBr in the Philippines of which, one is Distributor, two are Importer-Distributor, one is Importer-Distributor-Pest Control Operator (PCO), and the remaining 32 are licensed PCOs.

The FPA has issued a total of 125 permits to purchase MBr within the year. Likewise, a total of 54,226 tin cans were utilized in the quarantine pre-shipment as required by the importing countries.

C. MANILA BAY

In compliance with the Supreme Court Decision under G.R. No. 171947, the FPA together with other government agencies involved in the 2011-2015 Medium Term Operational Plan for Manila Bay Coastal Strategy (OPMBCS) were enjoined to clean, rehabilitate and preserve the Manila Bay from industrial and agricultural wastes. The objective of the mandamus is to reduce pollution loading by 2017 in order to classify the water quality as Class SB, wherein water can be used for fishing, swimming and other recreational activities. To attain the objective, the FPA within its mandate, conducted trainings on the proper use, handling and effects of fertilizers and pesticides in human and environment. The participants were composed of farmers and fishermen from the province of Laguna, Pampanga, Rizal, Cavite, Bulacan and Bataan.

In its third year of implementation, eight (8) trainings were conducted as follows:

Date of Training	Place	No. of Participants
March 17, 2015	Jala Jala, Rizal	50
June 23, 2015	Mabitac, Laguna	50
June 24, 2015	Los Banos, Laguna	50
July 9, 2015	Maragondon, Cavite	50
August 26, 2015	Kalayaan, Laguna	50
October 7, 2015	Sasmuan, Pampanga	50
November 12, 2015	Kawit, Cavite	50
December 9, 2015	Tarnate, Cavite	50

Likewise, water samples were analyzed to determine the fertilizer and pesticide contents such as nitrate, total phosphorous, zinc, nickel, chromium, copper, lead, pH, total organochlorine pesticide and orthophosphate. For 2015, twelve (12) water samples were collected in Laguna, Rizal, Cavite and Pampanga with 174 parameters of chemical analyses obtained from the collected water samples. The results of water analyses are shown below:

Collection of water sample	Result of Laboratory Analysis		Conclusion	Recommendation
	Heavy Metals	Pesticide Concentration		
Pila, Laguna Jan. 20, 2015	Lower than the allowable limit and the same are not detectable	Lower than the allowable limit and the same are not detectable	No contamination of heavy metals and organochlorine pesticides	
Sta. Cruz, Laguna Jan. 20, 2015	Below the allowable concentration except for NH ₄ -N		High level of NH ₄ -N can be attributed to the excessive use of nitrogenous fertilizer	Further collection and analysis of water sample in the area should be done
		Lower than the general effluent standards	No contamination of organochlorine pesticides	
Tramo River, Tanza, Cavite Feb. 11, 2015	Below the allowable concentration except for NH ₄ -N and lead		High level of NH ₄ -N can be attributed to the use of nitrogenous fertilizer and the wastes from livestock raising and aquaculture	
		Total organochlorine and orthophosphate pesticides are below the general effluent standards	No contamination of organochlorine pesticides	
Sabang River, Tanza, Cavite Feb. 11, 2015	Below the allowable tolerable limit			
		The amount of orthophosphate is high	Can be attributed to the heavy use of industrial chemicals	
Kalayaan, Laguna (1 st round) Apr. 24, 2015	Below the allowable lower limit except for copper and lead		Can be attributed to the human activities in the area	2 nd round of water collection and analysis
		Total organochlorine is low while the total orthophosphate is high	Can be attributed to the heavy use of industrial chemicals	
Kalayaan, Laguna (2 nd round) Apr. 24, 2015	Result of NH ₄ -N is high		Can be attributed to the improper application of nitrogenous fertilizer	
		The level of total orthophosphate is higher compared with the effluent standard	Can be attributed to the heavy use of this kind of pesticide	

Collection of water sample	Result of Laboratory Analysis		Conclusion	Recommendation
	Heavy Metals	Pesticide Concentration		
Los Banos, Laguna (1 st round) Apr. 24, 2015	Below the allowable concentration except for NH ₄ -N and copper			2 nd round of water collection and analysis
		Total organic chemical parameters for pesticides are non-detected whereas the amount of orthophosphate is high	Can be attributed to the heavy use of industrial chemicals	
Los Banos, Laguna (2 nd round) Sept. 14, 2015	Below the allowable concentration except for NO ₃ -N which is above the allowable level of concentration		Can be attributed to heavy fertilization and human activities in the area	
		Total organochlorine is non-detected while the amount of orthophosphate is 0	Can be attributed to the use of industrial chemicals	
Maragondon, Cavite Sept. 30, 2015	Total organic chemical parameters and orthophosphate are low		Can be attributed to the characteristics of the selected sampling area. The samples were collected far away from farming area.	2 nd round of water collection in farming area
Mabitac, Laguna Sept. 14, 2015	Total organic chemical parameters and orthophosphate are low		Can be due to low fertilizer and pesticide usage in the place where water sample was collected	
Jala Jala, Rizal Sept. 21, 2015	Total organic chemical parameters and orthophosphate are low		Can be due to low fertilizer and pesticide usage in the place where water sample was collected	
Sasmuan, Pampanga Dec. 3, 2015	Total organic chemical parameters and orthophosphate are low while the chromium ranges bet. 1 to 300 mg/kg in soil; 5 to 800 µg/liter in sea water; and 26 µg/liter to 5.2 mg/liter in rivers and lakes		Can be due to the erosion of chromium-containing rocks which can be distributed to nearby areas due to volcanic eruptions	

D. FPA BOARD MEETINGS

Since December 2014, the FPA Board was revived and has been meeting regularly from then on to address pertinent issues on relative to regulations, safe use, and other related regulatory aspects as per the Agency's mandate.

For 2015, the FPA Board has met seven times and accordingly approved eight Board Resolutions, to wit:

Board Resolution	Subject
No. 1, Series of 2015	Banning of Endosulfan
No. 2, Series of 2015	Creation of Technical Working Committee on Increase of F/P Fees
No. 3, Series of 2015	Approving the Fertilizer Registration and Technical Evaluators
No. 4, Series of 2015	Approving the Pesticide Registration and Technical Evaluators
No. 5, Series of 2015	Approving the Adoption and Implementation of the United Nations Institute for Training and Research (UNITAR) – Globally Harmonized System for Classification and Labelling of Chemicals
No. 6, Series of 2015	Approving the Proposed Implementing Guidelines on the Conduct of Various Physico-Chemical Analyses in the Pesticide Analytical Services Laboratory Section of the Laboratory Services Division
No. 7, Series of 2015	Approving the Regular Schedule of the FPA Board Meetings
No. 8, Series of 2015	Approving the Proposed Schedule of Fees and Charges for Additional Laboratory Services



E. STRATEGIC PERFORMANCE MANAGEMENT SYSTEM (SPMS)

The SPMS was initially implemented in 2015 by the FPA, which was a result of the CSC's approval in November 2014 of its initial implementation and the regular seminars and trainings conducted in collaboration with the OPAFSAM and the CSC. The key reportorial outputs of the SPMS are the Office / Division / Individual Performance Commitment and Review (OPCR / DPCR / IPCR), which reflect the success indicators, accomplishments, ratings, and final grades of the officers and staff of the Agency. The main goal of the SPMS is to align all functions from the top management down to every individual in fulfilling the mandate of the Agency.

Meanwhile, the CSC finally approved the FPA-SPMS through FPA Officer Order No. 08 Series of 2015, of which a copy was published in the FPA website.



F. WEBSITE MAINTENANCE

Regular maintenance of FPA website (www.fpa.da.gov.ph) includes updates on 1) weekly prices of fertilizers and pesticides, 2) licensed handlers, 3) invitations to bid, 4) vacancies and announcements, 5) FPA issuances and other important information.

To institutionalize a corporate online identity for all government websites through a standard design, navigation and content, the FPA website was improved and re-established in 2015 in accordance to Government Website Template Design (GWTD) guidelines issued by the Information and Communications Technology Office of the Department of Science and Technology (DOST) through the iGovPhil Project.

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