



FERTILIZER AND PESTICIDE AUTHORITY

ANNUAL REPORT 2017

Building Pillars of Partnerships for
Growth and Productivity



MESSAGE FROM THE EXECUTIVE DIRECTOR

The year 2017 marks the 40th year of FPA's creation under Presidential Decree 1144. For forty years, FPA has remained steadfast in its commitment to deliver what it is mandated to deliver to the Filipino people: to assure an adequate, safe and affordable supply of fertilizers and pesticides, to rationalize the manufacture and marketing of fertilizers, to protect the public from risks inherent pesticides and to educate the agricultural sector on the proper use of these inputs.

The FPA has been upholding the four-pillar paradigm which strongly knits the four pillars of the Philippine fertilizer and pesticide industry, namely the 1) FPA, 2) stakeholders, 3) academe and 4) farmers.

With this new paradigm, the FPA has been able to effectively implement its general functions on licensing of handlers; import control; product quality and adherence to safety; institutionalization of product stewardship program; fertilizer product registration; pesticide product registration; public information; and development.

More so, the fulfillment of FPA's mandate and functions is guided by the strategic thrusts on a) fertilizer and pesticide regulation, b) education/product stewardship, c) harmonization with international standards, and d) good governance. These thrusts have paved the way for improved delivery of frontline regulatory services and strengthened the implementation of monitoring and enforcement activities in the field.

Policy revisions and implementations and participation to global conventions also had taken the FPA to the next level as these initiatives enabled the agency to improve its operations and services as well as its competency towards global standards alignment and recognition.

This report contains the significant accomplishments of the FPA this year. Let me emphasize some of those achievements.

First, we have augmented our human resource by fast-tracking the hiring of new employees. This strategy has resulted in the intensified monitoring and enforcement activities and enhanced education and information dissemination campaigns reaching more stakeholders in the process. The number of visits to establishments has improved by 23 percent and the products monitored have increased exponentially by 88 percent. The number of ASD training almost doubled and the number of participants increased by 106 percent.

Second, we have made tremendous efforts towards improving our internal processes and frontline services. These have hastened the issuance of licenses, permits and certifications. For instance, the number of fertilizer product registration has improved by 41 percent and permits and licenses released increased by 48 percent. Furthermore, the number of pesticide product registration increased by 10 percent and the permits issued improved by 29 percent. In the regional and provincial field offices, the number of processed licenses for F/P handlers increased by 70 percent.

Third, as part of FPA's good governance strategy, FPA is now ISO-aligned and the Fertilizer Regulations Division is in its initial stages of achieving the ISO 9001:2015 QMS Certification. Moreover, FPA released the Revised Citizen's Charter, in compliance with the Anti-Red Tape Act (ARTA) of 2007. Most importantly, FPA is compliant with the directive of the President under the Executive Order on Freedom of Information (EO No. 2 series of 2016).

But beyond these accomplishments, there is still a lot of work to be done. Rest assured that FPA will continue to work hard to achieve its vision of improved quality of life for all Filipinos through increased farm incomes, productivity and food production using safe and appropriate fertilizer and pesticide inputs.

We are grateful for this opportunity to serve the Filipino people.



WILFREDO C. FOLDAN
Executive Director

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List of Abbreviations

AI	Active Ingredient
ARCO	Accredited Responsible Care Officer
ARTA	Anti- Red Tape Act
ASD	Accredited Safety Dispenser
CAIP	Certificate Authorizing Importation of Pesticide
CO	Capital Outlay / Central Office
CPA	Certified Pesticide Applicator
CPAP	Crop Protection Association of the Philippines
EO	Executive Order
EUP	Experimental Use Permit
FASL	Fertilizer Analytical Services Laboratory
FIAP	Fertilizer Industry Association of the Philippines
FOCU	Field Operations Coordinating Unit
FPA	Fertilizer and Pesticide Authority
FPTAC	Fertilizer Policy Technical Advisory Committee
FRD	Fertilizer Regulations Division
GAS	General Administration and Support
LSD	Laboratory Services Division
MB	Methyl Bromide
MOOE	Maintenance and Other Operating Expenses
PASL	Pesticide Analytical Services Laboratory
PCO	Pest Control Officer
PD	Presidential Decree
PIPs	Plant-Incorporated Protectants
PMID	Planning, Management and Information Division
PPP	Pest-Protected Plants
PPTAC	Pesticide Policy Technical Advisory Committee
PRD	Pesticide Regulations Division
QMS	Quality Management System

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OUR VISION

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

OUR MANDATE

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

Legal MANDATES

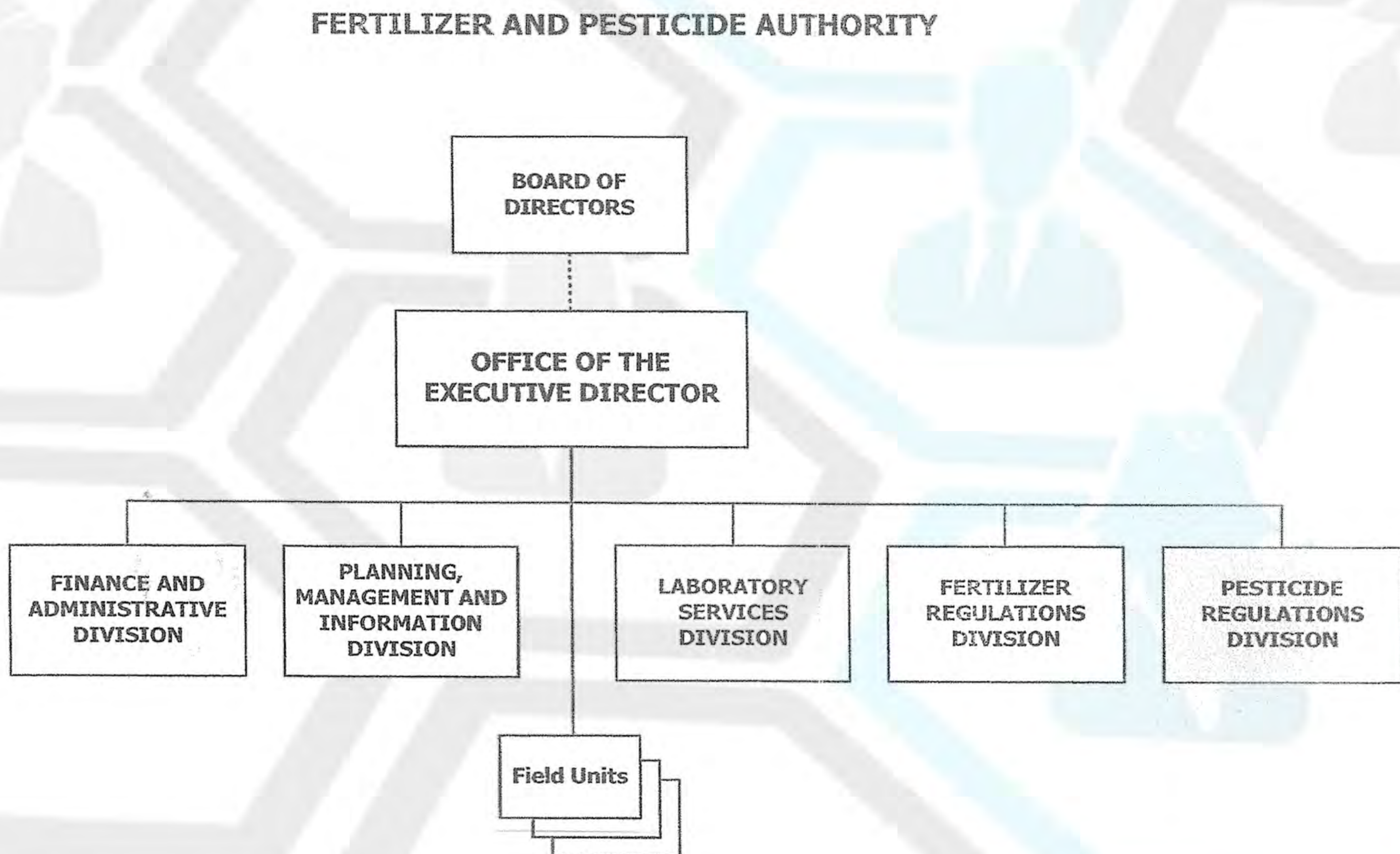
Presidential Decree No. 1144

Creating the Fertilizer and Pesticide Authority

Executive Order No. 165 series of 2014

Transferring the National Food Authority, National Irrigation Administration, Philippine Coconut Authority, and Fertilizer and Pesticide Authority to the Office of the President.

Organizational Framework



* Approved Organizational Structure Under Executive Order No. 366



Highlights of Accomplishments



Fertilizer Regulations

The Fertilizer Regulations Division (FRD) handles the processing of applications for fertilizer product registration, both new and renewal, and issues licenses to new agricultural handlers.

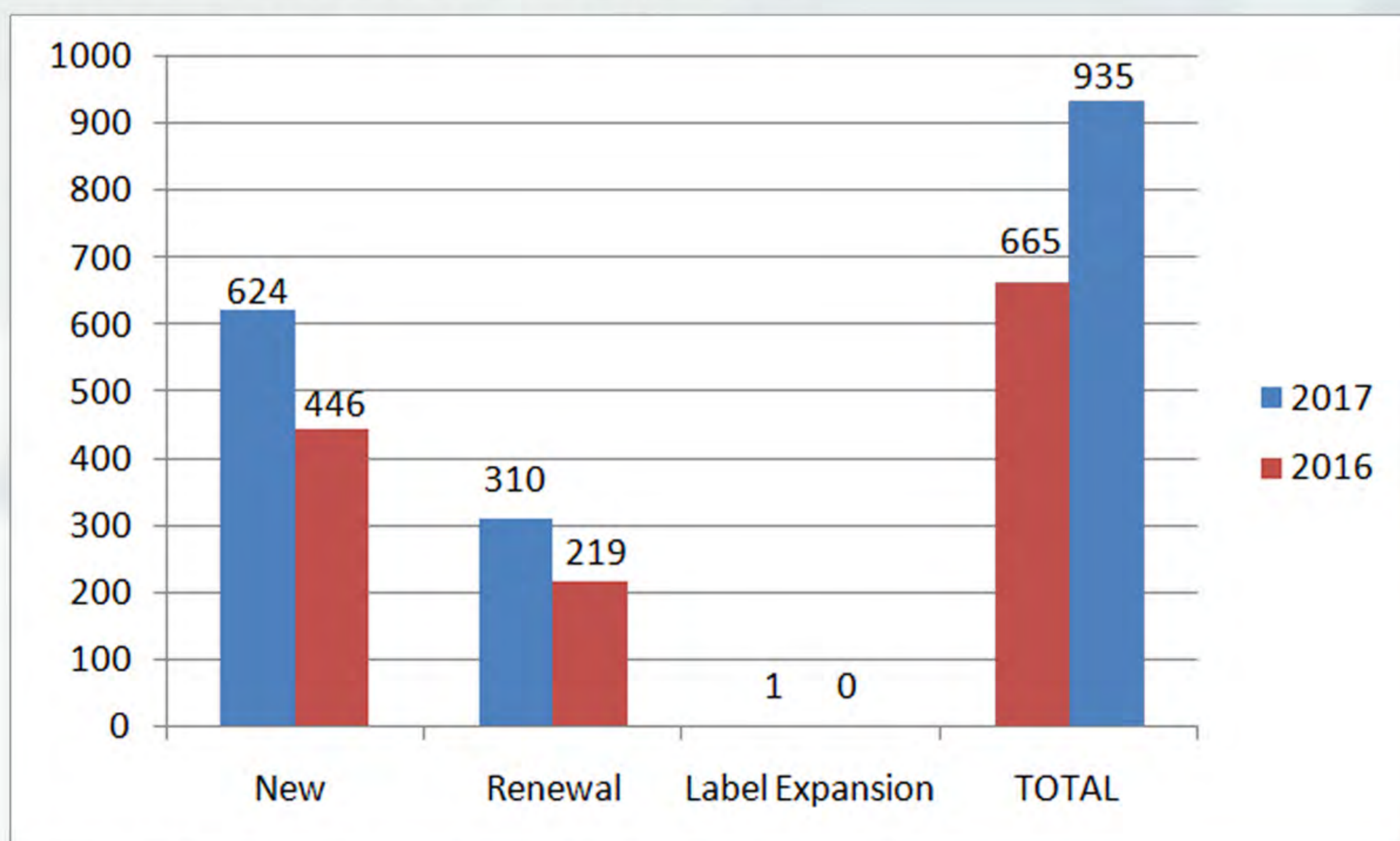
As mandated under Presidential Decree 1144, no fertilizer product, raw materials and ingredients for fertilizer, both imported and locally produced can be released in the market without registering them with FPA. As such, importers, distributors, exporters, manufacturers, bulk blenders, and processors should register their products with the agency.

The registration of these commercially processed fertilizers is mandated by law to give greater assurance that the quality of fertilizer products is maintained within specified standards.

For 2017, a total of 935 product registration certificates were issued by FRD from 665 last year or an increase of 41 percent. The number of registered new fertilizer products increased by 40 percent and renewals similarly increased by 42 percent [see **Figure 1**].



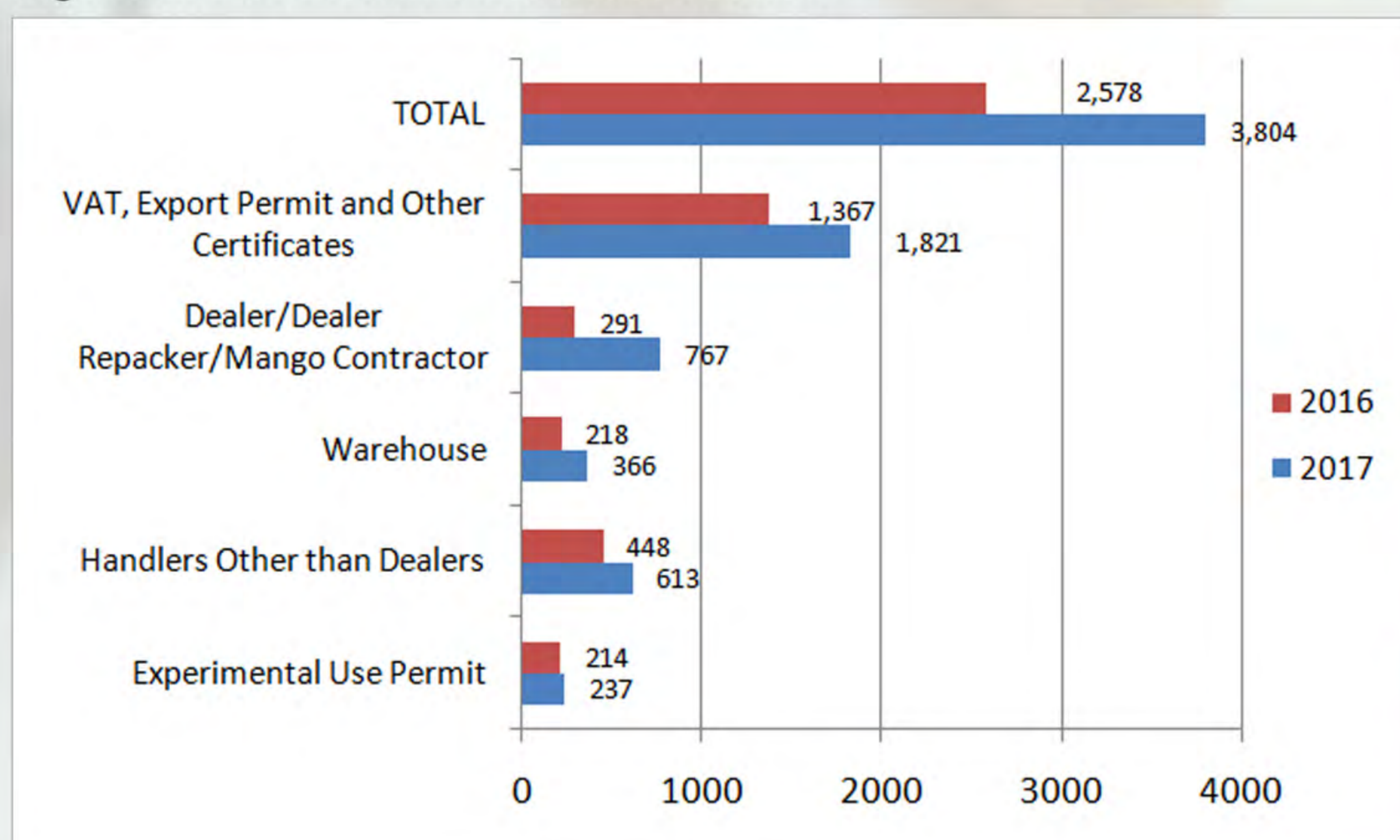
Figure 1: Fertilizer Product Registration



Source: 2017 Accomplishment Report, Fertilizer Regulations Division

In addition, a total of 3,804 permits and licenses were issued by FRD for the year or an increase of 47 percent from last year. In particular, permits and licenses issued to dealers/dealer-repacker/mango contractor increased by 163 percent, the highest increase among the permits and licenses issued by FRD [see **Figure 2**].

Figure 2: Permits and Licenses Issued



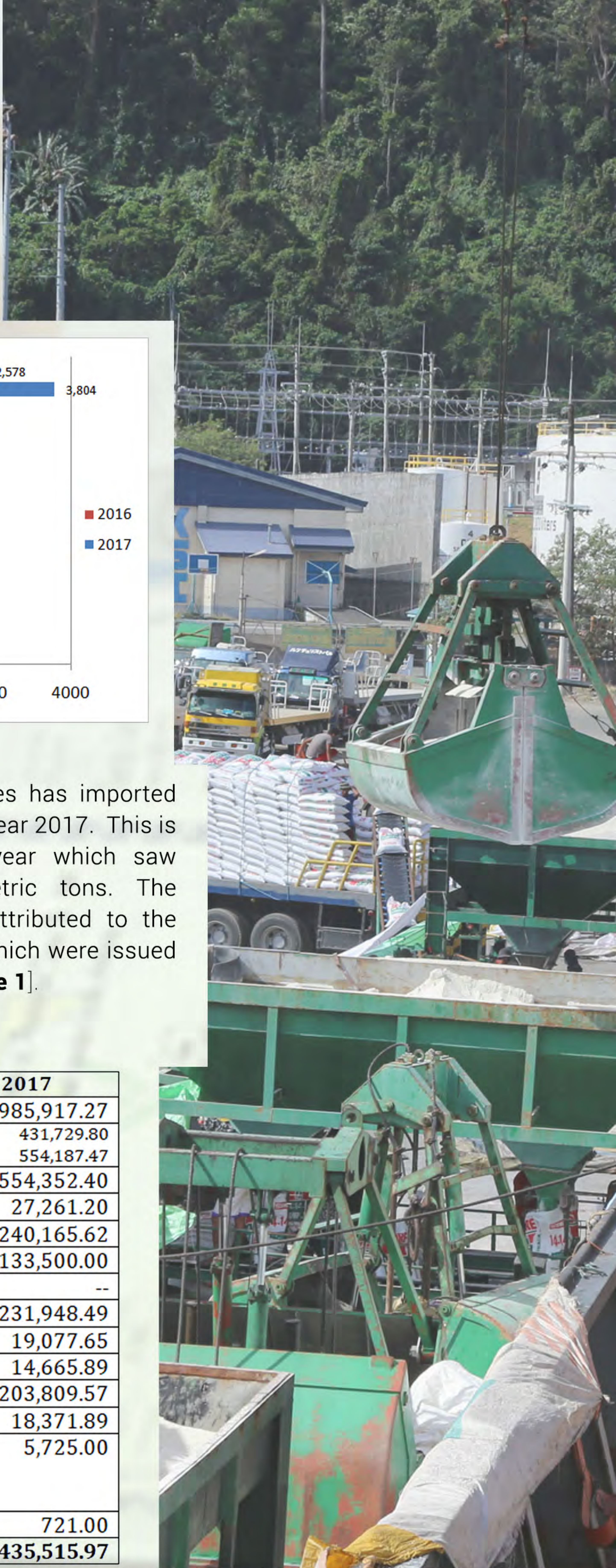
Source: 2017 Accomplishment Report, Fertilizer Regulations Division

In terms of fertilizer imports, the Philippines has imported 2,435,515.97 metric tons of fertilizer for the year 2017. This is an increase of 8.2 per cent from last year which saw importation pegged at 2,250,519.34 metric tons. The increased demand for fertilizers can be attributed to the increasing number of dealers or importers which were issued permits and licenses by the agency [see **Table 1**].

Table 1: Fertilizer Importation by Volume

GRADES	2016	2017
Urea 46-0-0	1,051,120.57	985,917.27
Prilled	566,167.29	431,729.80
Granular	484,953.29	554,187.47
21-0-0	492,249.90	554,352.40
25-0-0	19,171.00	27,261.20
16-20-0	173,894.25	240,165.62
18-46-0	84,046.64	133,500.00
16-44-0	32,510.00	--
14-14-14	158,375.39	231,948.49
15-15-15	14,829.84	19,077.65
16-16-16	7,809.20	14,665.89
MOP 0-0-60	207,151.50	203,809.57
Calcium Nitrate	4,608.38	18,371.89
Calcium Ammonium Nitrate	3,782.68	5,725.00
Potassium Nitrate	970.00	721.00
Total	2,250,519.34	2,435,515.97

Source: Fertilizer Regulations Division



Pesticide Regulations

The Pesticide Regulations Division is in charge of pesticide product registration, licensing and issuance of permits. Registration of products is important to ensure the safe use of pesticides and protect human and animal health and the environment from their detrimental effects.

Similar to fertilizer registration, no pesticide shall be imported, manufactured, formulated, repacked, distributed, delivered, sold, or offered for sale, transported, delivered for transportation or used unless it has been duly registered with FPA.

For 2017, there is a total of 1,826 product registration certificates issued or an increase of 10 percent from last year. The largest increase came from new registration of formulated products which grew by 34 percent [refer to **Table 2**].



Table 2. Pesticide Product Registration

		2016	2017	% Inc/(Dec)
New Registration	Product	337	453	34
	AI	324	313	(3)
	Total	661	766	16
Renewal	Product	518	520	0
	AI	463	519	12
	Total	981	1039	6
Label Expansion		13	19	61
TOTAL		1,655	1,826	10

Source: 2017 Accomplishment Report, Pesticide Regulations Division

There is less than 1 percent increase in the renewal of formulated pesticide products while new registration increased by 34 percent. On the other hand, the renewal of active ingredient registration surged by 12 percent while new registration of the same decreased by 3 percent [see **Figures 3 and 4**].

There were 5,167 permits, certifications, and licenses issued by the agency for the year 2017 or an increase of 29 percent from last year. There was a substantial increase in permits issued for dealership whose number improved by 128 percent this year. The import permits (CAIPs) for pesticide products both for formulated and active ingredients increased by 17 percent [see **Table 3**].

Issuance of Permits to Purchase Methyl Bromide (PPMB)

The issuance of permit to purchase methyl bromide is covered under the Revised Guidelines for Methyl Bromide Transactions under Memorandum Circular No. 03 series of 2017. For 2017, there were 68 permits to purchase methyl bromide issued as against 105 for 2016. The decrease is attributed to the extension of validity of the permits from one month to six months from date of issuance. The processing of said restricted pesticide is being handled by the Planning, Management and Information Division (PMID). For next year, the processing of such applications will be transferred to the Laboratory Services Division.

Figure 3. Registration of Formulated Products

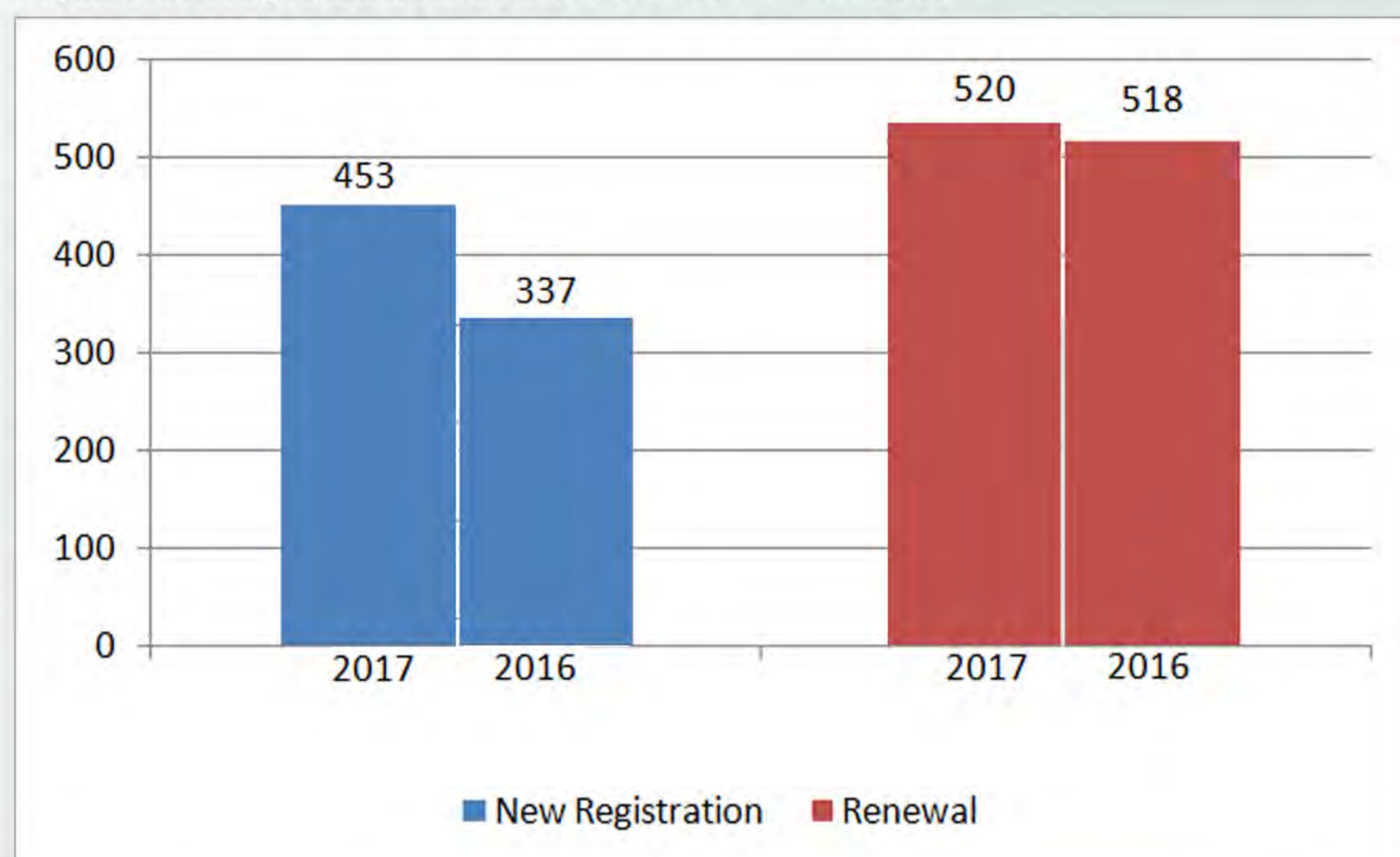


Figure 4. Registration of Active Ingredients

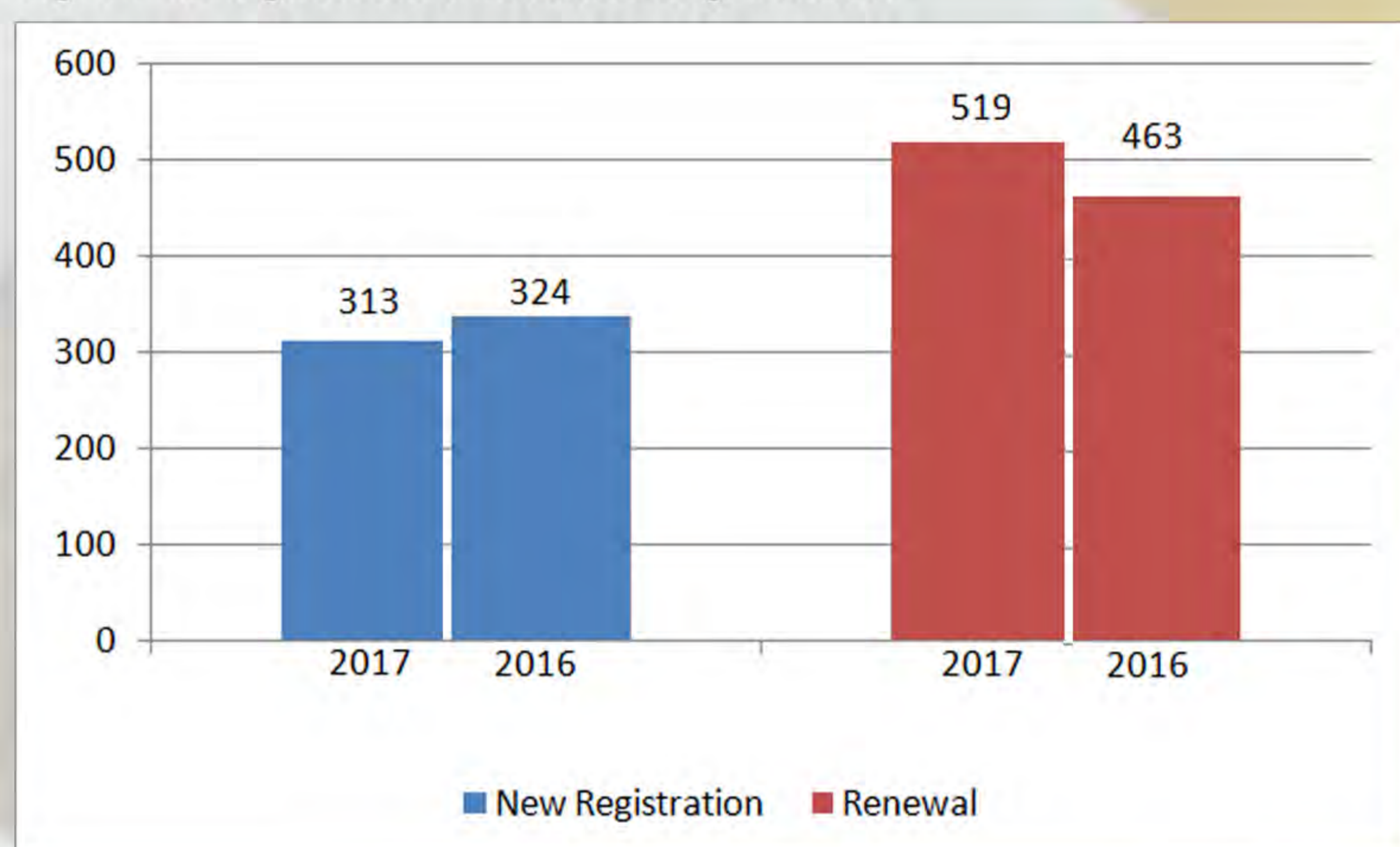


Table 3. Permits and Licenses Issued

	2016	2017	% Inc/(Dec)
EUP	365	607	66
CAIPs	2,873	3,374	17
Handlers	320	356	11
Dealership	176	401	128
Warehouse	135	218	61
Pest control operator	42	56	33
Other certifications and licenses*	81	155	91
TOTAL	3,992	5,167	29

Source: Pesticide Regulations Division; the figures include both new and renewal

*This includes licenses for new fertilizer repacker processed by PRD in compliance with Memo Circulars 6 and 7 series of 2017.



Field Operations, Enforcement and Monitoring

The Field Units (FUs) are the operating arms of the agency tasked with the direct implementation of plans and programs in accordance with Presidential Decree 1144 and the relevant policies, procedures and standards. As of today, FPA is present in 16 regions and 70 provinces in the country.

The major activities in the field are the following:

1. Licensing of fertilizer and pesticide handlers
2. Registration and Monitoring of F/P Warehouses
3. Monitoring and Inspection of Establishments and Products
4. Enforcement
5. Education, Training and technical assistance
6. Dialogue with Stakeholders



There was a slight increase of 2.6 percent in the number of license applications processed by the field units for fertilizer and pesticide handlers from 1,901 this year compared to 1,852 in 2016. However, Licenses endorsed to CO dramatically increased due to the issuance of permanent License numbers separately for fertilizer and pesticide handlers. [see **Table 4**].

Table 4: Licensing and Registration Activities

	2016			2017		
	1st Semester	2nd Semester	Total	1st Semester	2nd Semester	Total
Licensing of F/P Handlers	980	852	1,832	1,339	562	1,901
Registration of F/P Warehouse	326	324	650	351	134	485
Endorsement to CO	249	347	596	1,382	1,436	2,818
TOTAL	1,555	1,523	3,078	3,072	2,132	5,204

Source: Accomplishment Reports for 2016, 2017, PMID

Note: In July 2017, Memo Circular 6 and 7 series of 2017 was issued mandating for a separate processing of fertilizer and pesticide for F/P dealers. Thus, such dealer will be endorsed separately: one for fertilizer and another one for pesticide. In 2016, there is only one endorsement for both.

The monitoring of establishments and products was intensified in 2017 with the number of visits to establishments increased by 23.2 percent. On the other hand, products monitored have also increased exponentially by 87.7 percent. The monitoring resulted in 484 notices of violations issued and 194 SUMS issued all over the country [see **Table 5**].

Table 5: Monitoring of Establishments and Products Nationwide

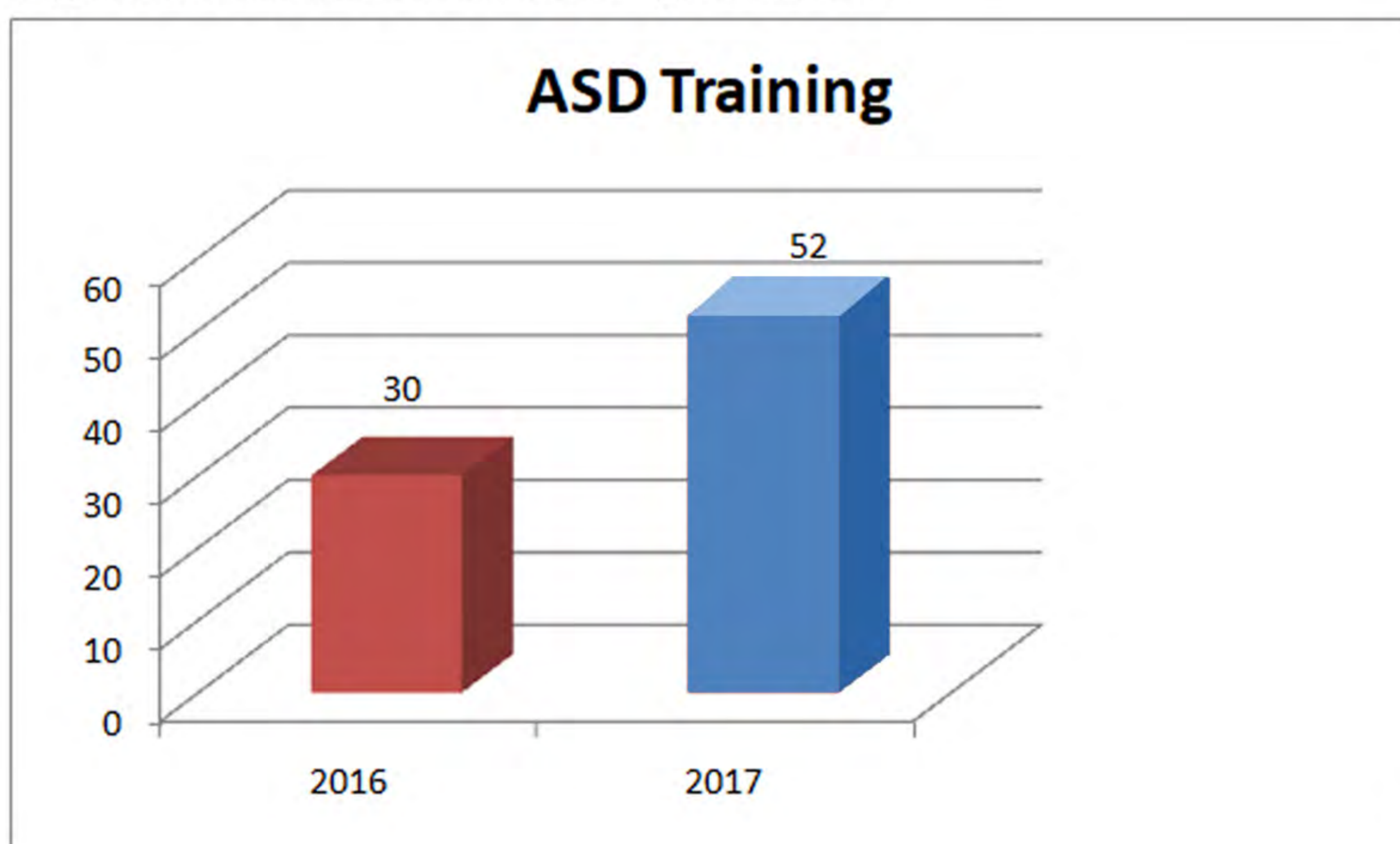
	2016		2017	
	Accomplishment	Remarks	Accomplishment	Remarks
Establishments	14,174	234 Notice of violations and 142 SUMS issued	17,468	484 Notice of violations and 194 SUMS issued
Products	2,570		4,825	

Source: Accomplishment Report 2016, 2017, PMID



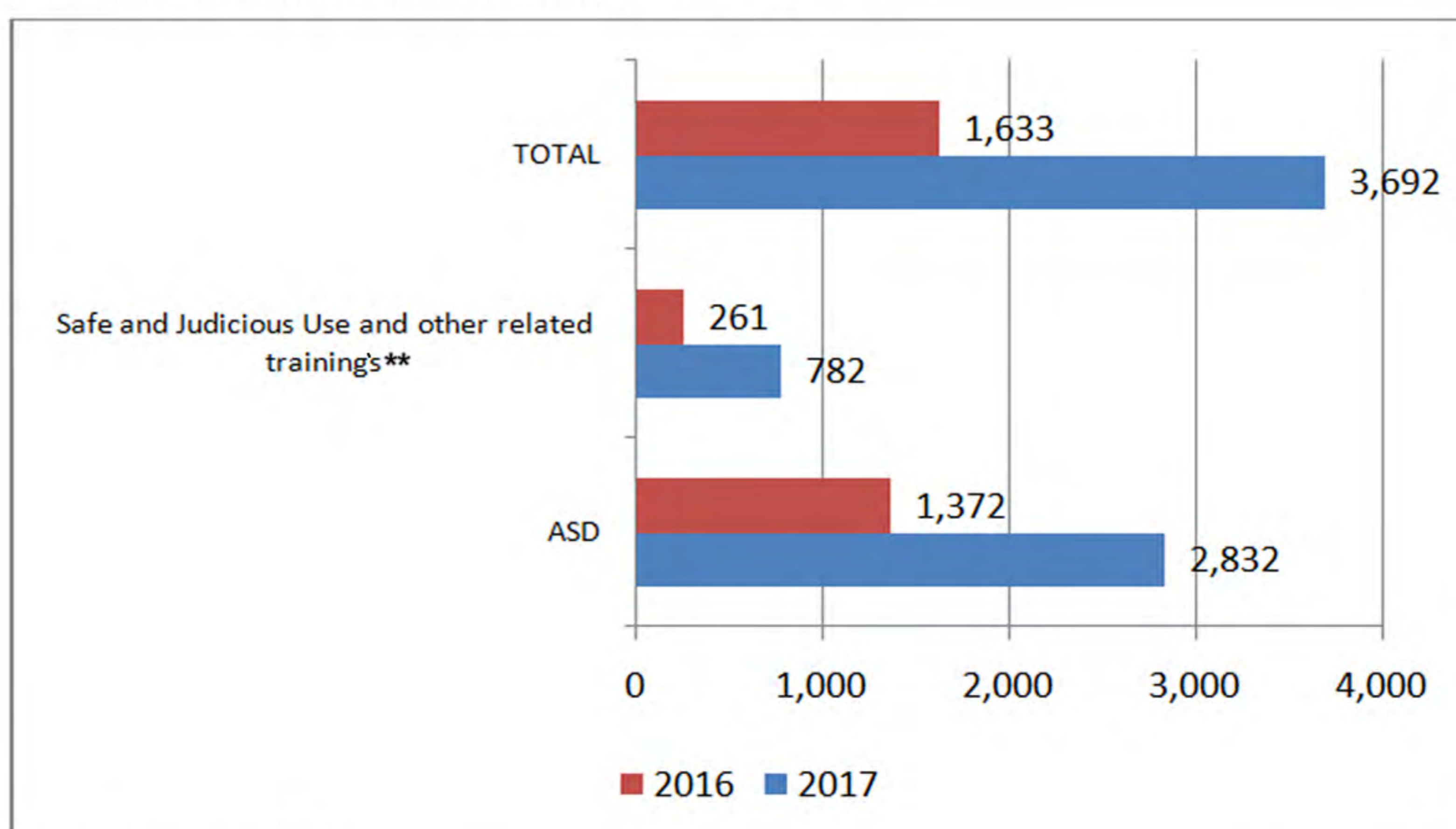
Figure 5: Education and Training Activities

There were 52 ASD trainings conducted for 2017 or an increase of 73 percent from 2016. This means that on the average, each region conducts at least 3 ASD trainings a year for 2017 from 2 ASD trainings conducted per region last year [see **Figure 5**].



The number of participants who attended the Safe and Judicious use of Pesticide and other related Trainings and Accredited Safety Dispensers trainings more than doubled in 2017, or an increase of 126.1 percent. In particular, the participants who attended the ASD training more than doubled from 1,372 in 2016 to 2,832 in 2017 [see **Figure 6**].

Figure 6. Number of Training Participants*



Source: PMID

*These were the participants who were issued by PMID with certificates of attendance

**For Safe and Judicious use data, only covers Region VI



Field Operations Coordinating Unit (FOCU)

FOCU is critical to the operations of the various regional and provincial field units of FPA. This unit primarily provides the technical and logistical assistance to the various field officers including but not limited to consolidation of reports, records management, communications, and financial claims. It also coordinates trainings for field officers and provides assistance in GAP certification from BAPFS.

For 2017, FOCU has initiated the territorial configuration of the regions, drafted the Field Operations Manual, and compiled the F/P Product label for distribution to the regional offices.

Other Activities in the Field

Field personnel are also proactive in sharing updates on FPA by being available during media interviews including radio guestings.

The Field Unit officers also coordinate and present during ARCO trainings, Symposia, CPA Fumigators and Agricultural Exterminators trainings conducted by the training associations.

The Field Units also conduct dialogues with stakeholders and other relevant government agencies in order to strengthen enforcement and compliance with PD 1144 and its relevant rules and regulations issued by FPA.

The Field Units also monitor the prices of fertilizer and pesticides. For 2017, there were 12,254 dealers monitored vis a vis 3,693 in 2016 or an increase of almost 400 percent. On a quarterly basis, the FPA has also visited government hospitals and monitored 50 poisoning cases for 2017 as against 27 in 2016.

Quality Control and Laboratory Services

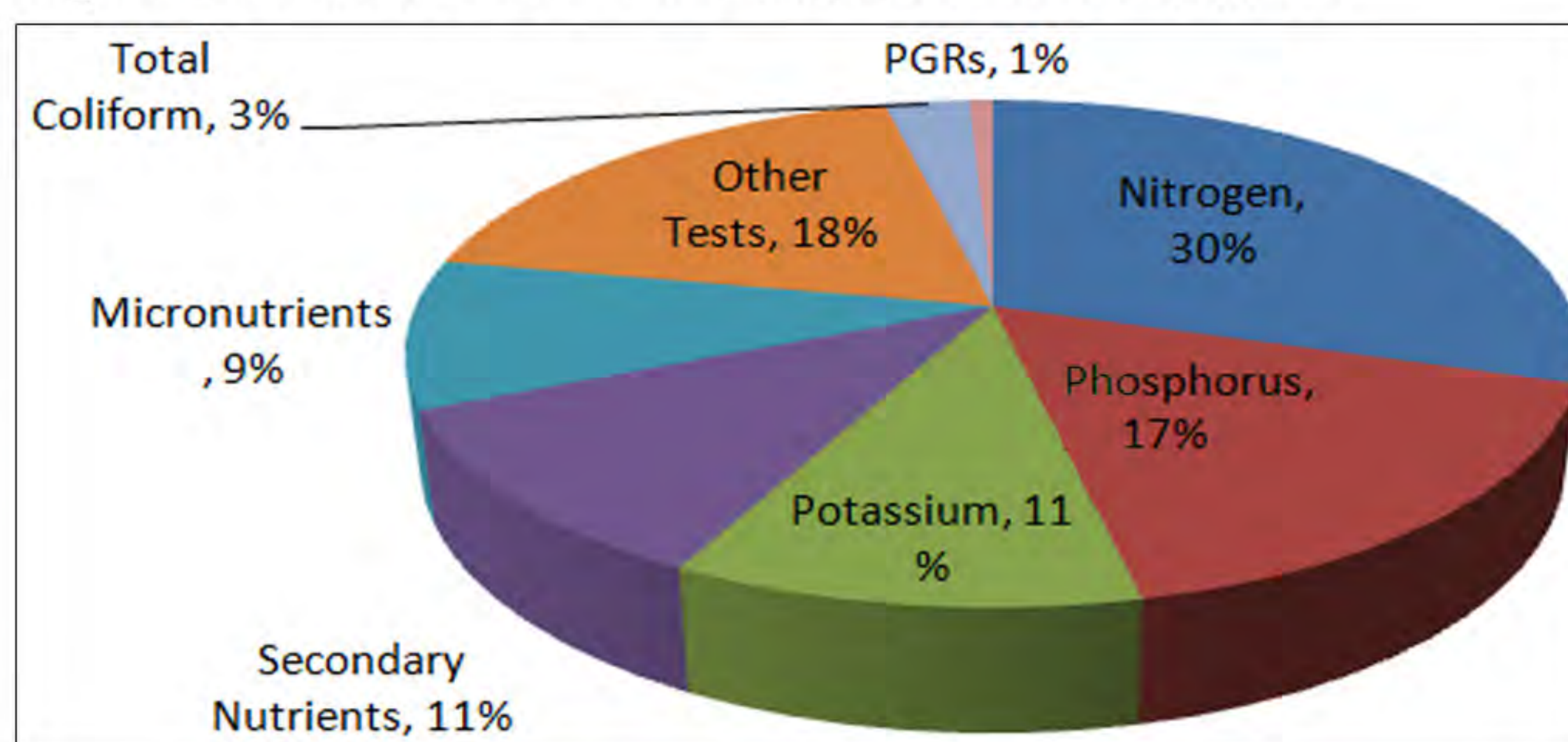
For 2017, The Laboratory Services Division continues to provide support to the FPA's regulatory functions, specifically on product registration and quality monitoring, through the conduct of laboratory analyses on various fertilizer and pesticide products.



The Fertilizer Analytical Services Laboratory (FASL) Section have received and analyzed a total of 900 samples, wherein 727 samples were for product registration purposes and 235 samples for quality monitoring purposes.

It has exceeded last year's performance by 15 % in terms of volume of sample received and analyzed. This year also marked the beginning of the operation of its Microbial Unit which further strengthens the quality control measures for fertilizers by ensuring low coliform contamination in these agricultural inputs. Overall, FASL Section was able to analyze a total of 2,751 test parameters [see **Figure 7**].

Figure 7: Number of Test Parameters for Fertilizer



In terms of its performance, the Pesticide Analytical Services Laboratory (PASL) Section is at par with FASL's performance. A total of 237 pesticide samples were received and analyzed, wherein 217 samples were for product registration purposes and 26 samples for quality monitoring purposes. With its full operation and a total of 255 test parameters analyzed, the PASL Section has almost doubled its 2016 performance. The profile of pesticide analyses conducted based on pesticide use as well as other tests conducted is presented in **Figure 8**.

Figure 8: Number of Test Parameters per Pesticide Type

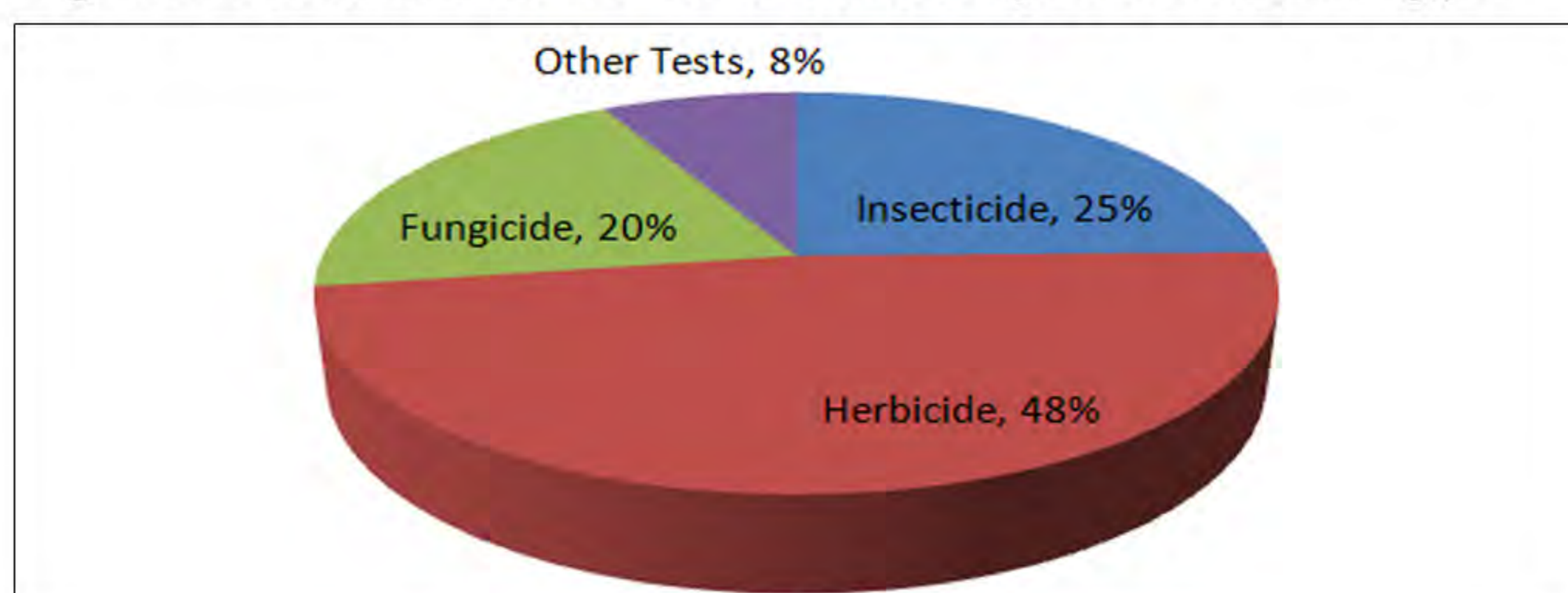




Table 6: Laboratory Test Results Released

	2016			2017		
	Registration	Monitoring	Total	Registration	Monitoring	Total
Fertilizer	738	101	839	706	208	914
Pesticide	123	0	123	201	27	228
TOTAL	861	101	962	907	235	1,142

Source: Accomplishment Report 2016, 2017, PMID
Notes: a. Test results released means the laboratory report has been completed/finalized
b. There was no pesticide sample for monitoring that was received, sorted, nor analyzed by LSD for 2016.

Moreover, there is a 9.0 per cent increase in the fertilizer tests results released for 2017 compared to 2016 and a 85 per cent increase for pesticide. The rise in numbers is manifested by a corresponding rise in the number of sample products submitted for monitoring purposes [see table 6].

Such increase in LSD’s performance can be attributed to its strengthened human resource wherein chemists, a biologist and an administrative assistant were hired in 2017. The remaining eight (8) available government plantilla positions in LSD were filled.



Trainings, Public Information, and Accreditation

Accreditation Activity

A total of 3,009 individuals have been accredited and issued accreditation cards by the agency which amount to a 29.6 percent increase vis a vis 2016 figures. The largest increase came from ASD whose number increased by 44.6 percent. Eleven examinations were administered in different parts of the country as a requirement for accreditation and issuance of licenses. Both the processing of the accreditation cards and the administration of examination are being handled by PMID's Information Unit. [see **Table 7**].

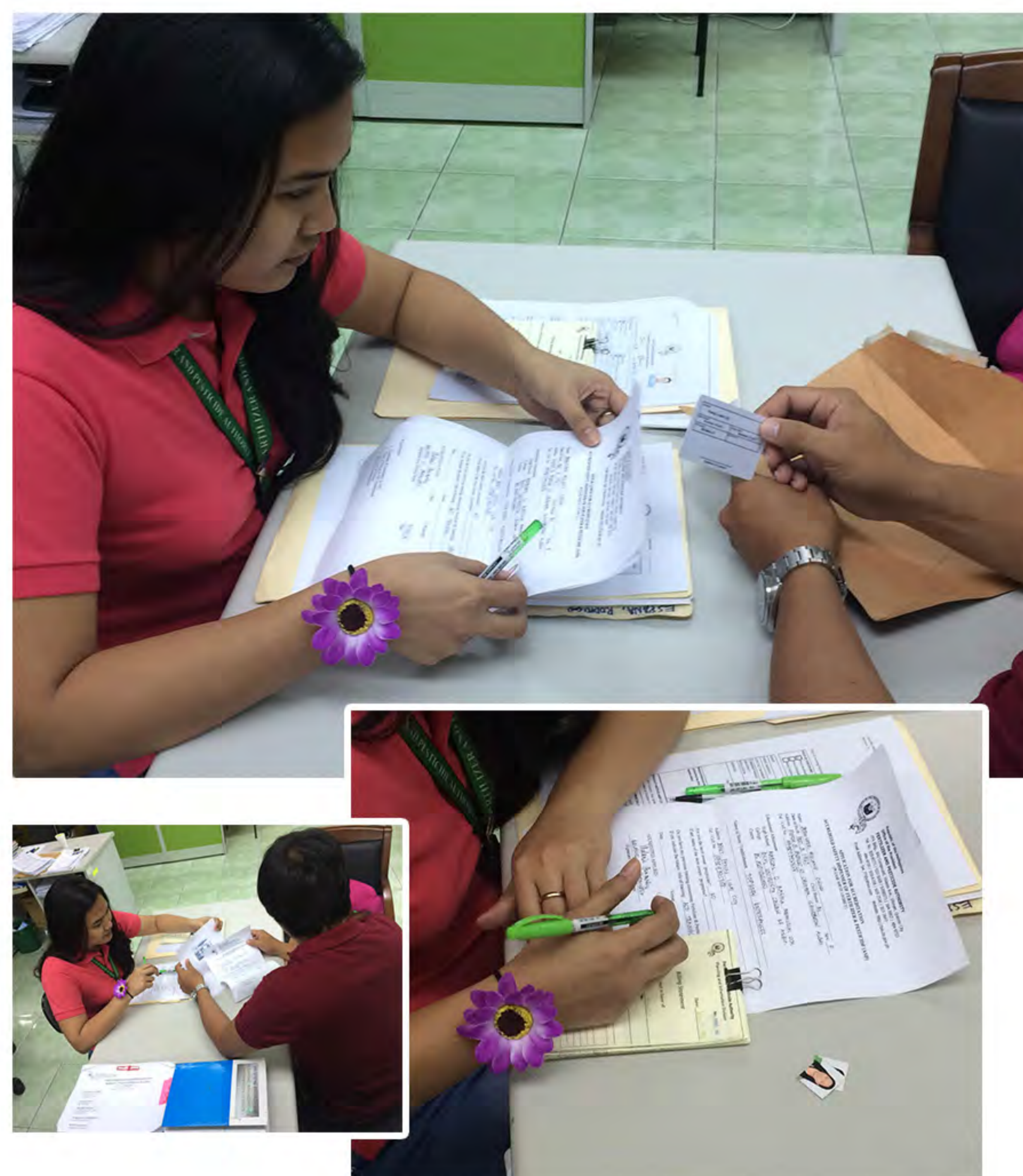


Table 7. Accreditation Activity

	2016	2017
ARCO	226	202
ASD	1,427	2,064
CPA (Agricultural Exterminator)	182	265
CPA (Agricultural Fumigator)	287	295
Fertilizer Researchers	31	46
Pesticide Researchers	96	137
TOTAL	2,249	3,009

Trainings

The trainings for ASD are being conducted by FPA's regional and provincial field units. The rest of the trainings such as ARCO, CPA, and Researchers are being conducted by FPA in partnership with four trainings associations namely: Philippine Association of Entomologists (PAE), Philippine Association of Certified Pesticide Applicators (PACPA), PMCP Foundation Inc., (PMCPFI), and Philippine Association of Professional Fumigators, Inc. (PAPFI). For the whole year, these associations have conducted 10 trainings all over the country.



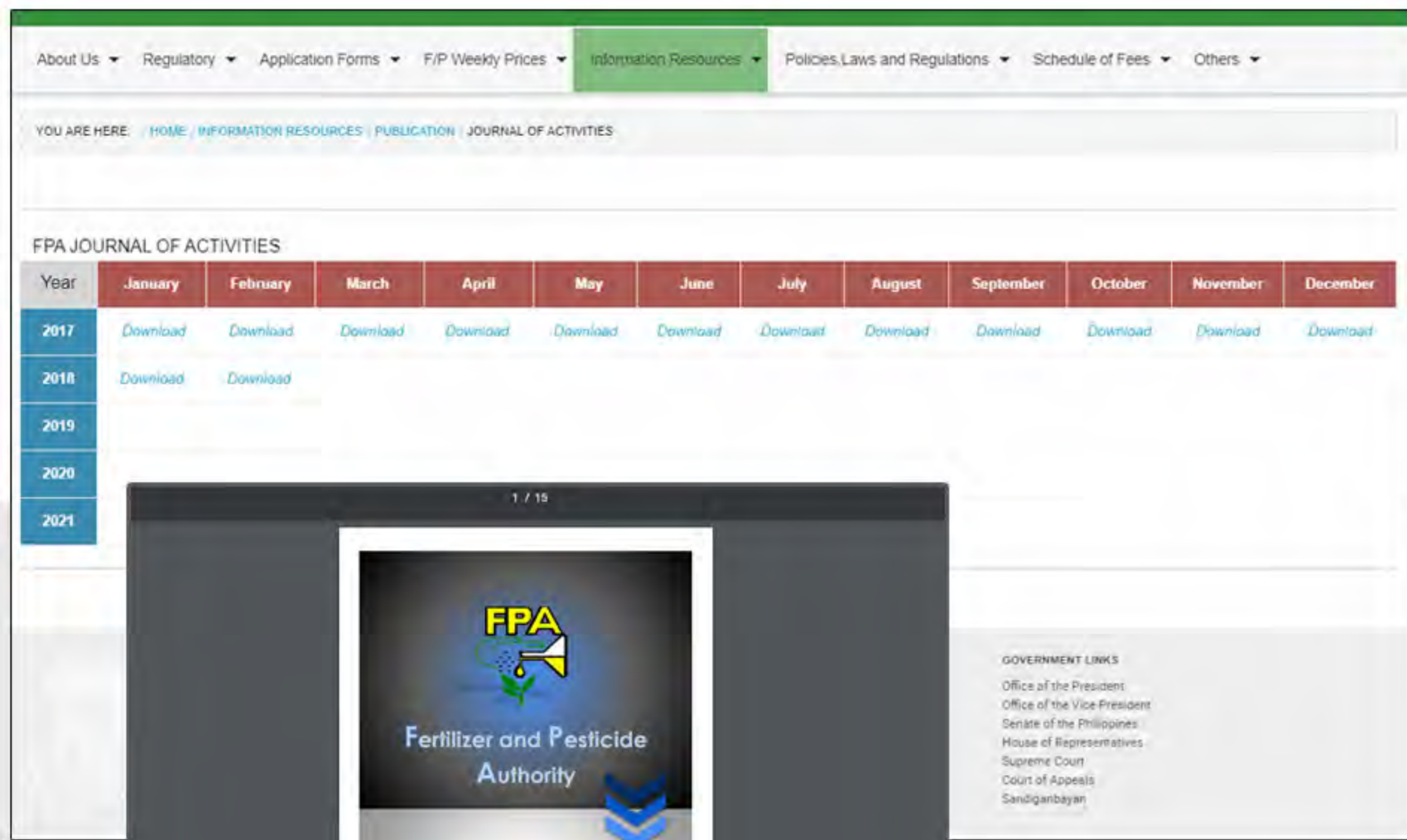
Public Information

FPA has reproduced 2,564 ASD Manuals which were distributed by the regional field units as primary reading material during the conduct of ASD trainings. Likewise a total of 4,565 informational materials like komiks, FPA primer, at Gabay sa Paggamit ng Abono at Pestisidyo were reproduced and distributed to the regions. Aside from these, additional informational materials were produced this year namely: (a) Primer for Banned and Restricted Pesticide and (2) Brochure of PD 1144. [see **Table 8**].



Table 8. Informational Materials Distributed

	2016	2017
ASD Manuals	1,057	2,564
Komiks, FPA Primer, Gabay sa Paggamit ng Abono at Pestisidyo	3,053	4,565
TOTAL	4,110	7,129



Prices of selected fertilizer and pesticide products are monitored by the operational units and posted at the FPA website. The fertilizer prices are monitored on a weekly basis while that of pesticides are monitored on a quarterly basis. Please refer to Annexes B and C for said 2017 prices.

The **FPA Journal of Activities**, which is published every month, captures the various activities of the agency for the sake of transparency. This is a continuing endeavor of Office of the Executive Director and PMID's Information Unit. It is also published in the FPA's website.

2017 WEEKLY RETAIL PRICES					
JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
January 03-06, 2017	February 06-10, 2017	March 06-10, 2017	April 03-07, 2017	May 02-05, 2017	June 05-09, 2017
January 09-13, 2017	February 20-24, 2017	March 13-17, 2017	April 10-14, 2017	May 08-12, 2017	June 12-16, 2017
January 16-20, 2017	February 27 - March 03, 2017	March 20-24, 2017	April 17-21, 2017	May 15-19, 2017	June 19-23, 2017
January 23-27, 2017		March 27-31, 2017	April 24-28, 2017	May 22-26, 2017	June 26-30, 2017
January 30 - February 03, 2017					
JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
July 03-07, 2017	August 07-11, 2017	September 04-08, 2017	October 01-05, 2017	November 05-09, 2017	December 03-07, 2017
July 10-14, 2017	August 14-18, 2017	September 11-15, 2017	October 08-12, 2017	November 12-16, 2017	December 10-14, 2017
July 17-21, 2017	August 21-25, 2017	September 18-22, 2017	October 15-19, 2017	November 19-23, 2017	December 17-21, 2017
July 24-28, 2017	August 28 - September 01, 2017	September 25-29, 2017	October 22-26, 2017	November 26-30, 2017	December 24-28, 2017
July 31 - August 04, 2017					

• April - June, 2017 (PESTICIDE PRICES ONLY)
 • July - September, 2017 (PESTICIDE PRICES ONLY)
 • October - December, 2017 (PESTICIDE PRICES ONLY)



Requester	Company	Address	Subject	Region	Code	Date
	National Printing Office		Request For Quotation (Printing Of Two Leaflets - Gabay Sa Abono - Gabay Sa Pestisidyo)	NCR	082017-42	2009-04-29
			Special Order No. 95 Series Of 2017 Subject: Addendum: Special Order No. 91, Series Of 2017 Re: Attendance To The Lecture On Legal Procedure For Regulatory Officers Cum Seminar-Workshop To Standard	OED	082017-306	2009-04-29
	De Pestors Pest Mgt. & Consultants	Olongapo City	BPI Certification & Disposition Report (April - June 2017) Log Book (Feb-March 2017)	Region III	082017-43	2009-04-29
			Memo: For: ALL Subject : Request Of Posting Journal Entries In Social Media Using Ther #Fpajournal2017 Hashtag	OED	072017-87	2009-04-29
			PRD - Accomplishment Report (June 2017)	PRD	082017-31	2009-04-29
			Permit To Purchase Methyl Bromide From System Approach Pest Management Services C/O Ms. Lorna Japon	FAD	092017-219	2009-04-29
			OTR (July 2017) - DMD - LCJ - DBP - EJR - JLT	FAD	082017-32	2009-04-29
Evangeline Aboyo		Negros Occ.	Fertilizer Researcher	Region VI	082017-31	2009-04-29
			Special Order No. 99 Series Of 2017 Subject : Designation Of Ms. Julietta B. Lansangan As OIC Of The FPA	OED	092017-93	2009-04-29
			Note Of Dir. WCR - Please Give Me The FI, Data 1, Tariff/Duties/All Taxes For Importation Of F/P 2, Furnished Products, Bulk Or Few	OED	082017-32	2009-04-29
			IPCR - Lorna Japon (January-June 2017)	PMID	082017-38	2009-04-29
	First Industrial Pest Control	Laguna	Request For Permit To Purchase MB (20 Boxes) BPI Certificate (Jan.-Oct. 2017)	Region IV-A	012018-189	2009-04-29
			IPCR - J. Tabilan (January-June 2017)	PMID	082017-39	2009-04-29
			Request For Designation (Quotation) OF FPA	CPA		2009-04-29
Sabrina A. Caborubias	KJJ Store	Agusan Del Sur	ASD			
Edgardo Valencia	Stanphil Corporation	Makati City	CPA-F			
Josefina N. Dueñas	Pixa Corporation	Muntinlupa City	CPA			
Rogeto B. Justo	Acjem Indi Hanpower & Gen. Services Inc.	Makati City	ARCO			
Juan Miguel A. Delos Reyes	Safe T Con Pest Control Safety & Environmental Services	Valenzuela City	CPA			
Joselito U. Aquino	SSPEX Sanitation Systems	Mandaluyong City	CPA-F			
Nicola Ana T.	El John M Pest Control	Iloilo City	CPA-F			

IT and **D**atabase. Five (5) database programs were developed and currently being maintained. These are: ARCO Database, CPA-Fumigators Database, Handlers Database, and Database for Special Orders and Other Official Documents. Moreover, there is also a database on Fertilizer and Pesticide Registration Reference Numbers. Based on our database there are 8,369 handlers all over the country.

Planning Activities



The **Planning, Management, and Information Division (PMID)** handles the planning and assessment activities of the agency. For 2017, PMID coordinated three planning workshops namely:

Table 9. Planning Workshops Conducted

Activity	Date
A. National Planning-Workshop	February 28 to March 2
B. Mid-year Performance Assessment	July 25 to 26
C. Year-end Performance Assessment	December 11 to 14

A. National Planning-Workshop



B. Mid-year Performance Assessment



C. Year-end Performance Assessment



The FPA upholds the four-pillar paradigm as a unifying strategy to build stronger stakeholder partnerships among the four pillars of the fertilizer and pesticide industry namely: (1) farmers, (2) industry, (3) academe, and (4) FPA itself.

a. Fertilizer Policy Technical Advisory Committee or FPTAC. This is a recommendatory body composed of scientists and experts in the field of plant nutrition to discuss various fertilizer issues and concerns. For this year the committee has met thrice and their ongoing project among others is the revision of the Blue Book.



c. For this year, the Executive Director has been in different parts of the country to dialogue with farmers, FPA handlers and industry associations (FIAP, CPAP, CropLife) to get their sense of the issues and to come up with solutions to their immediate problems and concerns.



d. The Product Stewardship Program is an ongoing company-based program to ensure that the products are handled properly and the workers are protected during the formulation, storage, transit, application and disposal of pesticides.



e. The Balik Basyo Program is a new initiative in partnership with pesticide companies and industry associations. Used pesticide bottles are returned to the dealers and area distributors which in turn deliver them to the companies. The purpose of this program is to reduce the impact of environmental hazard caused by stray bottles. This is now being implemented in the Cordillera Administrative Region and Region IX.

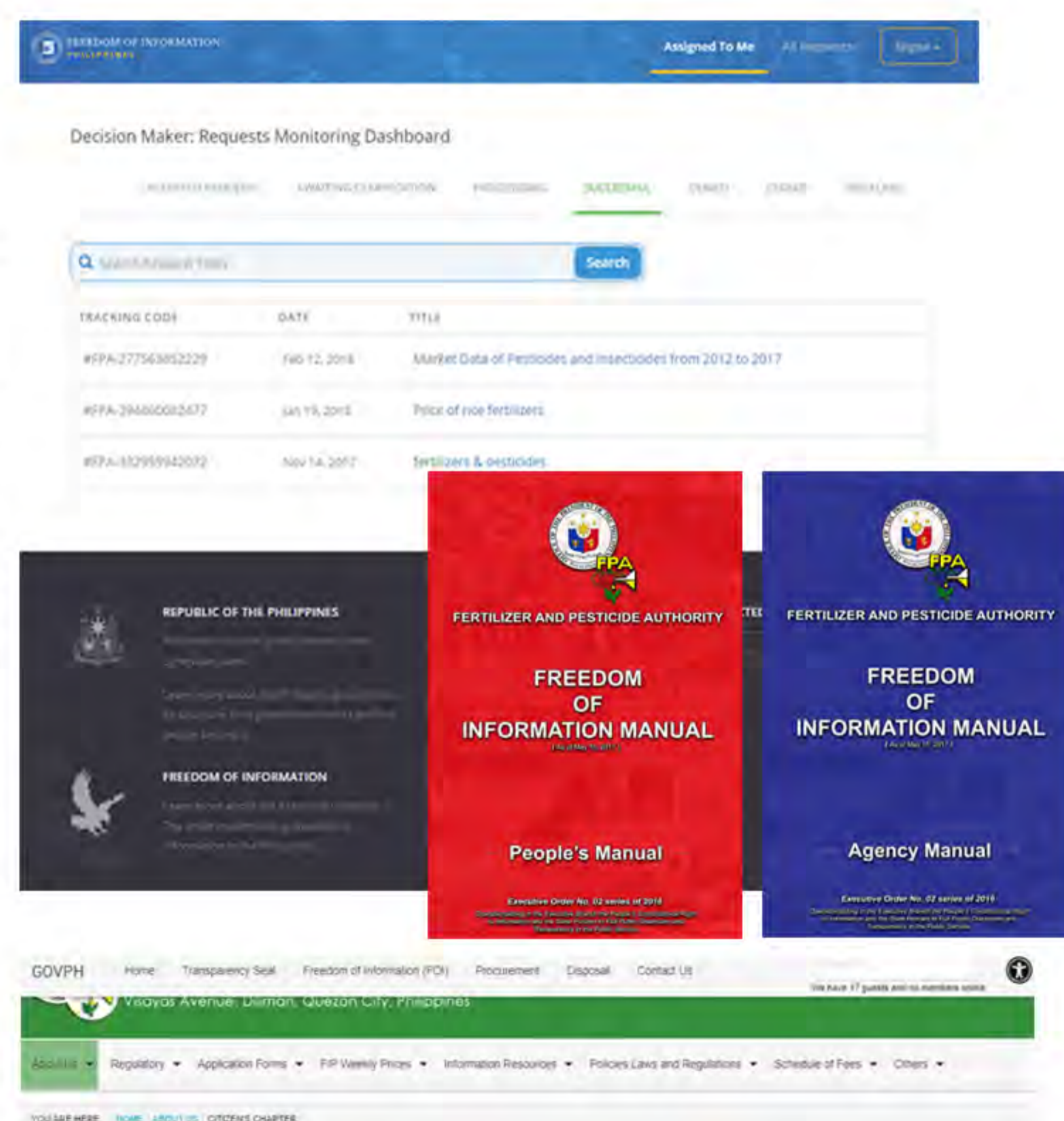


Institutional Capacity and Good Governance

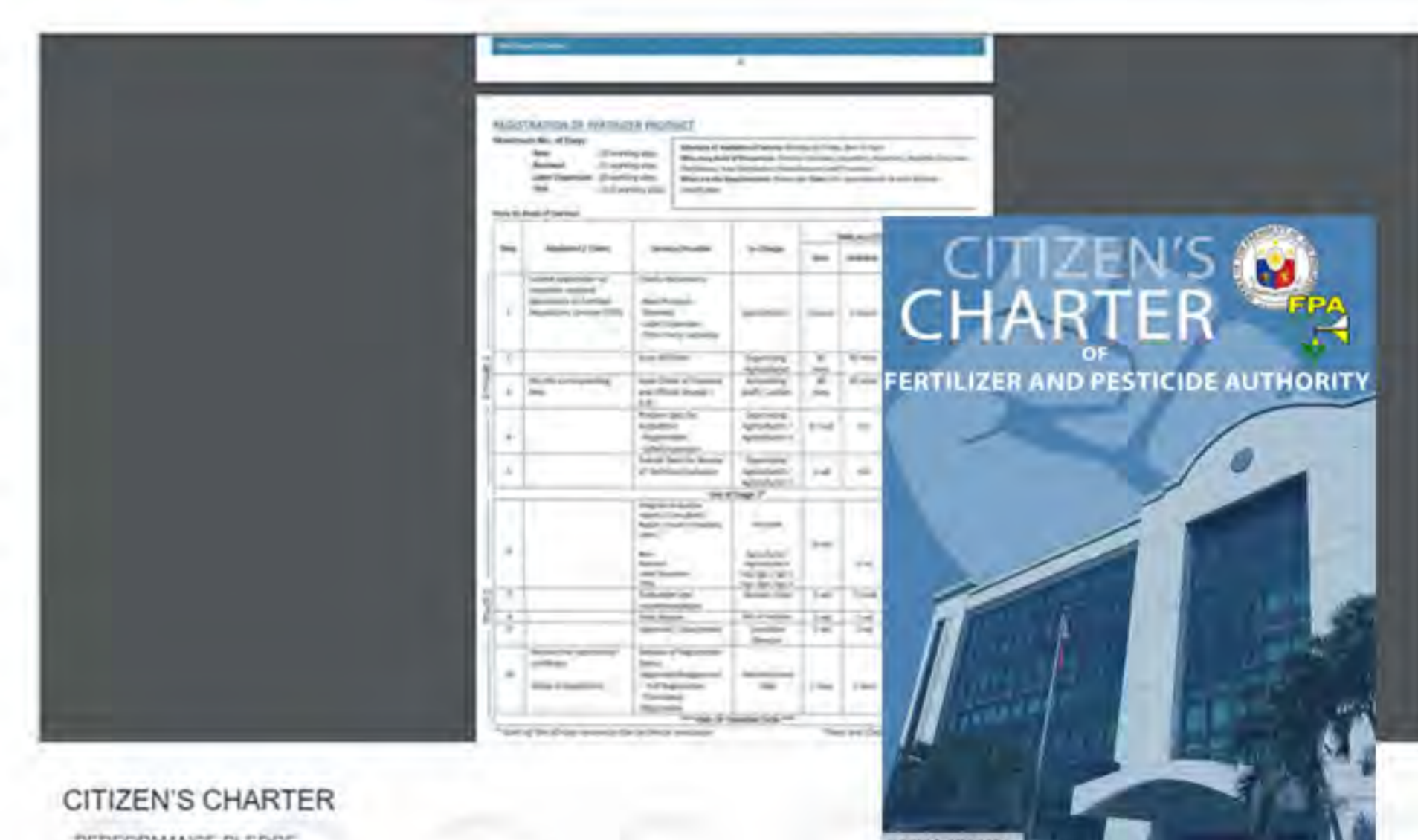
a. In compliance with governmental laws and regulations, the agency has embarked on an ISO 9001-2015 Quality Management System Certification program for the Fertilizer Regulations Division's product registration and licensing activities. QConsult, Inc., a consultancy firm helping the agency in this process was tapped for this purpose, wherein four (4) Pre-certification training activities were conducted. These are: 5S Awareness, Risk Assessment, Internal Audit, and Quality Good Housekeeping. With the joint efforts of all concerned, the FPA has become ISO aligned.



b. The agency is also compliant with the directive of the President under the Executive Order on Freedom of Information (EO No. 2 series of 2016). The Receiving Officer and the Decision Makers were identified. Both the FOI and the People's Manuals are already available to the public. For this year a total of 85 FOI-related requests of which three (3) were made through the FOI portal of the Presidential Communications Operations Office and the rest came through the official email of the agency.



c. In compliance with Republic Act No. 9485 otherwise known as the Anti-Red Tape Act (ARTA) of 2007, the agency released its Revised Citizen's Charter. This is a product of the Citizen's Charter Review Committee which updated, reviewed and streamlined the operations, processes and timelines to serve as a basis of FPA's service commitments to the public. This Revision is part of this administration's commitment to uphold transparency and good governance in public service.



d. Capacity-building for Employees

Human Resource is the most important asset of any organization. The success or failure of such organization depends largely on the commitment and motivation of the people within it. For this year, FPA has issued a total of 75 appointments of which 44 were original appointments, 12 were transfer appointments, 16 were promotions and 3 were re-employments.

The Civil Service Commission recognized the FPA for achieving Maturity Level 2 in the Recruitment, Selection and Placement as a result of FPA's determination to promote people excellence and efficient public service.

In order to upgrade the knowledge and skills, employees participated in several trainings, seminars, conferences and exposure activities here and abroad. Some of the major activities participated in by FPA employees are:

International Conferences and Workshops

1. Basel Convention of Transboundary Movements of Hazardous Wastes and Their Disposal, Geneva, Switzerland, 26 April to 6 May 2017.
2. Food Testing Proficiency Testing Workshop, Beijing, China, 17-20 October 2017.
3. 30th Session of the Asia and the Pacific Plant Protection Commission, Rotura, New Zealand, November 2017.
4. International Workshop to Promote the Harmonization of MRL Setting Process in the Asian Region, Tokyo, Japan, 6-10 February 2017.
5. Regional Workshop on Application of the FAO Pesticide Registration Toolkit, Beijing, China, 29 May to 03 June 2017.
6. Harmonization of Maximum Residue limit Setting Process, Bangkok, Thailand, 6-10 November 2017.
7. Banana Market in 2020: Challenges and Opportunities, Miami, Florida, 02 October 2017.



Food Testing Proficiency Testing Workshop
18-19 October, 2017



Photo of Participants with the President of CAIQ, Director General of Bureau of Import and Export Food Safety-AQSIQ, Director General of Department of International Cooperation-AQSIQ and Deputy Secretary General of CNAS



Photo of all participants after the workshop with Dr. Yukiko Yamada and Dr. Machiko Saka





Local Conferences and Workshops

1. EU TRTA 3 Workshop on the Evaluation of Laboratories of the Department of Agriculture and Proposed Laboratory Policy
2. Setting-up of One-Stop Laboratory Services for Global Competitiveness
3. Regulatory Impact Analysis(RIA)Public Consultation
4. Seminar on Plant Breeding Innovations and RNAi Technology
5. Exploring Micro-XRF and Total Reflection-XRF Technique
6. Training of Trainors on PhilGAP Certification
7. 5th National Congress of Philippine Agriculturists Association
8. Technical Legal Assistance Project to Support the Phils.in the Implementation of the ITT
9. Baliwag Water District Pilot and Demonstration Activity
10. Workshop on Non-Tariff Measures Identification and Classification for the Purpose of Linking the Philippine Nation Trade Repository to the ASEAN Trade Repository
11. Inspectors Training on PhilGap Certification
12. IABPI Methodology and Tradenet Platform
13. Seminar on Globally Harmonized system (SGHS) "Complying to chemical management Regulation of sustainable chemistry"
14. Peer learning in the Philippines of Myanmar Department of Agriculture Regulators and Good Agricultural Practices (GAP) extension services
15. 8th EWG meeting on ASEAN
16. FOI Know More: Moving towards Enhanced Standard of transparency Conference
17. Seminar-Workshop on General Accepted Record keeping Principles



FPA-organized seminars / workshops

1. Orientation/Reorientation on the FPA Implementing Policies for Registration and Licensing held on November 8-10, 2017
2. Lecture on Legal Procedure for Regulatory Officers cum Seminar to Standardize Enforcement of PD 1144 held on August 30-31, 2017.
3. Orientation/Re-orientation for New and Existing Employees held in May 2017.
4. Cash management Seminar for special Collecting and Disbursing Officers held in October 2017.
5. IT Skills Assessment held in September 2017 (in cooperation with the Department of Information and Communications Technology)
6. The agency also underwent an accreditation on Recruitment, Selection, and Placement in March 2017 conducted by the Civil Service Commission.



Manila Bay Clean-up Drive

FPA participates in the government consortium led by the Department of Environment and Natural Resources (DENR) and the Metropolitan Manila Development Authority (MMDA) to rehabilitate, restore, and conserve Manila Bay and its tributaries. This is in response to the Supreme Court's continuing mandamus directing relevant agencies to clean Manila Bay.

In particular, FPA's role includes: (1) Analysis of waste water samples coming from fertilizer and pesticide plants; and (2) conduct of information dissemination.

For this year, FRD which is at the helm of this project, has conducted seven (7) clean-up drive training and information dissemination activities for farmers in the following areas along Manila Bay:

- Teresa, Rizal – August 30, 2017
- Macabebe, Pampanga – August 11, 2017
- Pilar, Bataan – August 5, 2017
- Victoria, Laguna - March 28, 2017
- Calauan, Laguna – March 29, 2017
- Liliw, Laguna - September 5, 2017
- Nagcarlan, Laguna – September 6, 2017



Other Policy and Program Updates

Memorandum Circular No. 10 series of 2017

On 18 July 2017, FPA issued MC No. 10 series of 2017 or the Guidelines for the Registration of Plant-Incorporated Protectants (PIPs), in Pest-Protected Plants (PPPs) and other pesticidal substances derived from other biotechnology. The purpose of such issuance is to ensure that PIP products are safe to the public.

Laboratory Recognition Program

As part of the efforts to increase accessibility of laboratories nationwide conducting analysis of fertilizers and pesticides, the FPA has promulgated the Memorandum Circular No. 05, Series of 2017 or the "Guidelines for the Implementation of the Fertilizer and Pesticide Authority (FPA) Laboratory Recognition Program." As of the end of this year, there were two (2) laboratories which were recognized by FPA namely: SGS Philippines Inc. and the Bureau of Soils and Water Management in Cagayan de Oro City. FPA plans to increase the number of recognized laboratories to achieve the desired goal of increased accessibility.

Memorandum Circular No. 14 series of 2017

Under this issuance, traditional inorganic fertilizers produced from raw materials whose major nutrients (NPK) are known to be completely available to the plants are now exempted from generating bio-efficacy data. This does not cover, however, liquid fertilizers and traditional fertilizers with added micronutrients.



Gender and Development (GAD)

Under the Magna Carta of Women (Republic Act 9710), all agencies of government are mandated to adopt gender mainstreaming as a strategy to promote women's human rights and eliminate gender discrimination in their systems, structures, policies, programs, processes, and procedures.

True to its mandate, the FPA-GAD Focal Point System (FPA-GADFPS) has initiated various programs and activities to integrate gender awareness and gender sensitivity in the workplace. For this year, the FPA-GADFPS organized three activities namely:

- a.) Celebration of the Women's Month – March 2017
- b.) Gender Advocacy and Training – 27 July 2017
- c.) 18-Day Campaign to End Violence Against Women – November 2017.

The FPA employees appreciated the conduct of these activities for it raised their consciousness about gender and gender equality issues.

A separate social media account is being utilized by FPA-GADFPS to advocate and share news and stories about gender and human rights.

COA commends FPA on its GAD Program

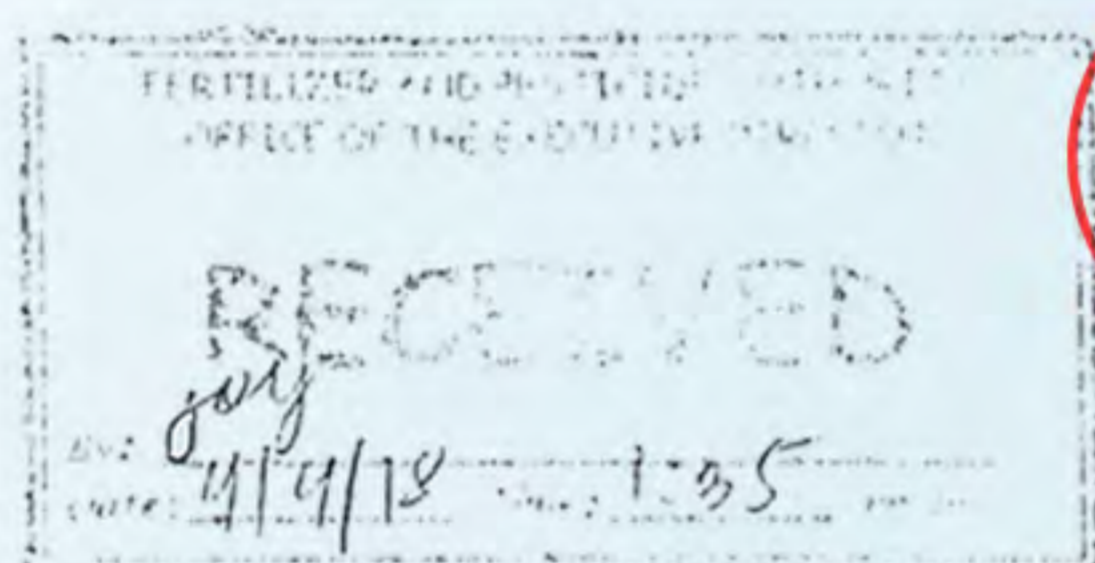
In a letter addressed to the Wilfredo C. Roldan, Executive Director of FPA, the Commission Audit commends the agency for participating in GAD related activities and concludes, based on its audit, that FPA complied with the Guidelines of the General Provisions of GAA 2017 pertaining to Programs and Projects related to Gender and Development.



Republic of the Philippines
COMMISSION ON AUDIT
NATIONAL GOVERNMENT SECTOR
Cluster I-Executive Offices
Commonwealth Avenue, Quezon City

March 25, 2018

Mr. WILFREDO C. ROLDAN
Executive Director
Fertilizer and Pesticide Authority
BAI Compound, Visayas Ave.
Quezon City



Dear Director Roldan:

We are pleased to transmit the Management Letter (ML) on the result of compliance audit conducted on Gender and Development (GAD) Program of the Fertilizer and Pesticide Authority (FPA) for the Calendar Year (CY) 2017 in line with the adoption and pilot implementation of the International Standards of Supreme Audit Institutions (ISSAI) on Compliance Audit.

The attached letter consists of the observation and recommendation which were communicated to Management through Audit Observation Memorandum (AOM) and shall be incorporated in the Annual Audit Report of the FPA for CY 2017 together with the other observations and recommendations of the Audit Team.

We express our appreciation for the valuable support and cooperation extended to the Audit Team by the officials and staff of that Agency.

Very truly yours,

MARIEFLOR D. TUBAÑA
Supervising Auditor
Audit Group F

CONCLUSION ON THE SUBJECT MATTER

- 11) Based on the audit work performed, we noted that, FPA is in compliance, in all material respects, with the guidelines of the General Provisions of the GAA 2017 pertaining to Program and Projects Related to Gender and Development”.

DETAILED OBSERVATIONS AND RECOMMENDATIONS

- 12) FPA complied with the General Provisions of the GAA 2017 pertaining to Program and Projects Related to Gender and Development.

We commended the Management for participating in the GAD related activities. Also, continuously comply with the General Provisions of the GAA with regards to Programs and Projects Related to GAD.

STATUS OF IMPLEMENTATION OF PRIOR YEAR'S AUDIT RECOMMENDATIONS

- 13) As no compliance audit was conducted in prior year, hence no data for this section.

ACKNOWLEDGMENT

- 14) We wish to express our appreciation to the Management and staff of the FPA for the cooperation and assistance extended to our Audit Team during the audit.
- 15) We request that the appropriate actions be undertaken on our audit recommendations and that we be informed of the actions taken thereon by accomplishing the attached Agency Action Plan and Status of Implementation (AAPSI) form and submit it to us (in hard and electronic copies) within 60 days from date of receipt hereof.

Very truly yours,

COMMISSION ON AUDIT
By:

MARIEFLOR D. TUBAÑA
Supervising Auditor

GAD

Activities and Programs

A. Celebrating the Women's Month

In celebration of the National Women's Month, the GADFPS organized zumba dance classes every Monday for the entire month of March. The women and men of the FPA joined the classes to learn, perform, exercise and enjoy.



B. Gender Advocacy and Training

The GADFPS organized the "Harmonized Gender and Development Seminar-Workshop and Team Building" to strengthen awareness on gender equality and sensitivity and to improve attitudes on teamwork, work ethics and empowerment within the FPA family.



C. 18-Day Campaign to End Violence Against Women (VAW)

FPA has conducted its own campaign to raise awareness among the FPA staff that VAW is a public issue of national concern. Led by the GADFPS, the campaign held activities on 1) unveiling of the "well of inspiration"; 2) VAW: The Unspoken Words Series; and 3) film showing.



Financial Highlights

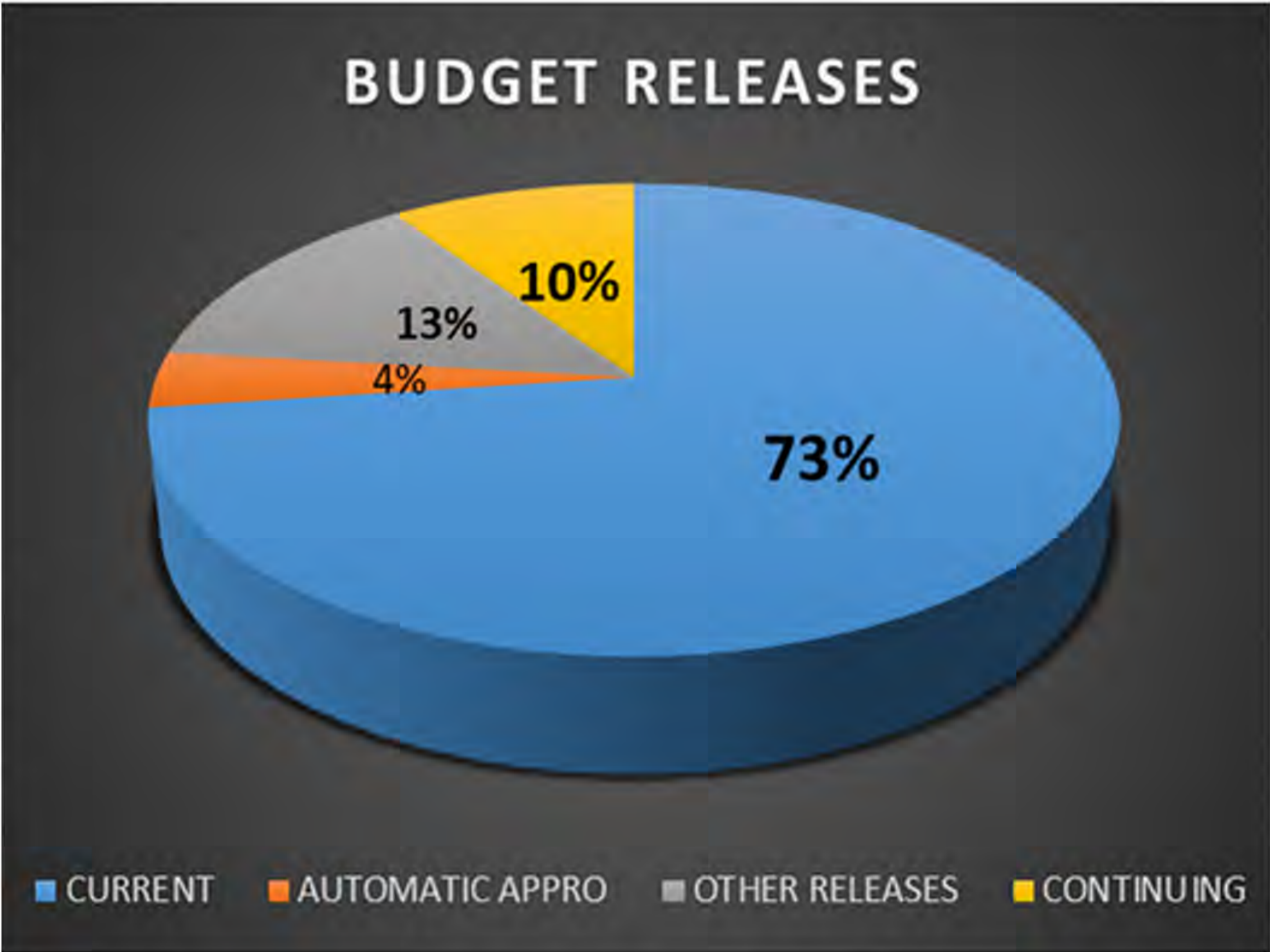




I. Budget Releases

The total budget released for the year 2017 was P 148.1 million broken down as follows: P 108.1 million for Current Appropriations, P14.4 million for Continuing Appropriations, P5.7 million for Automatic Appropriations and P19.9 million for Terminal Leave Benefits and other releases.

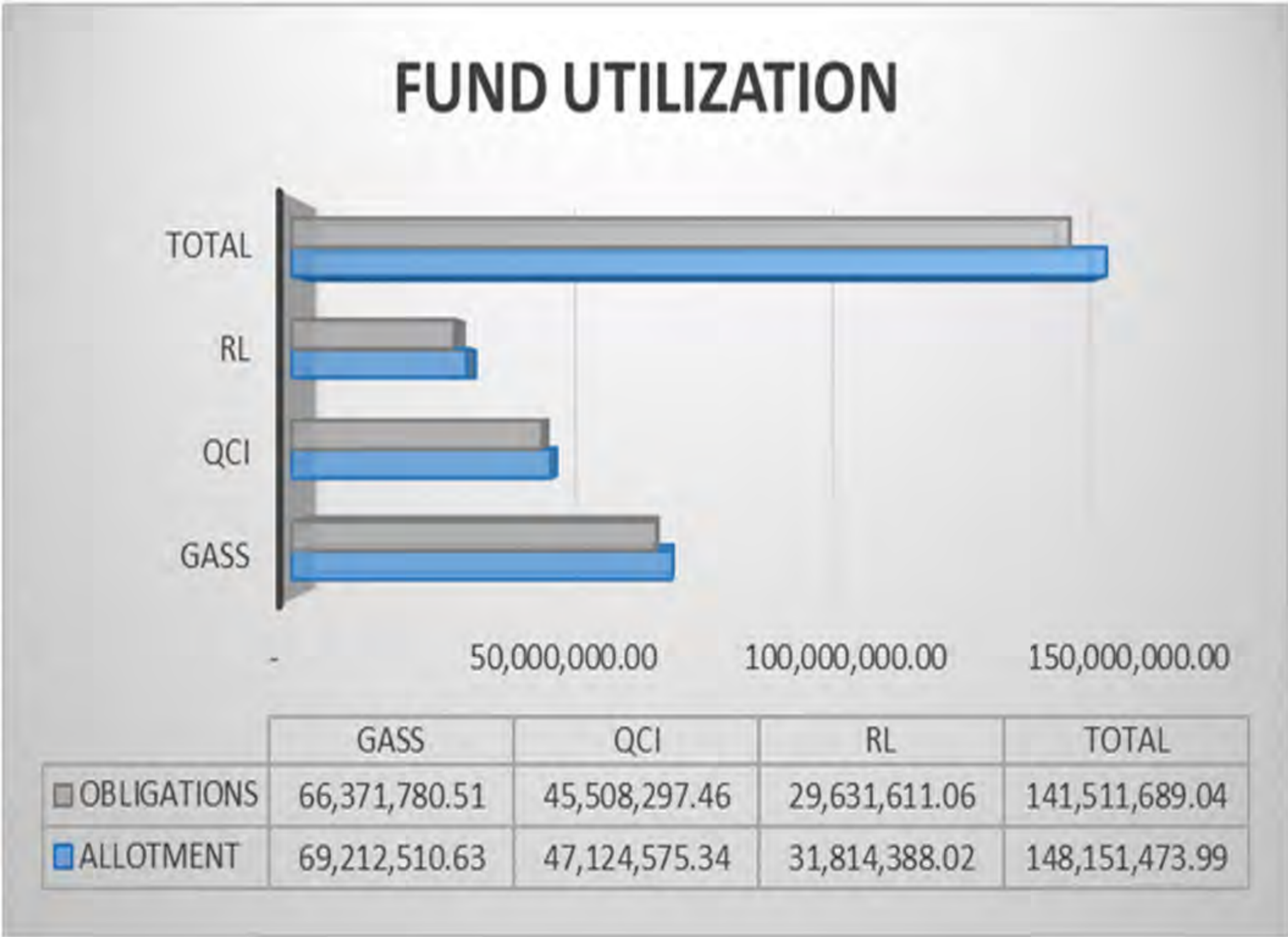
Moreover, Personnel Services (PS) has been allocated with P77.2 million while Maintenance and Other Operating Expenses (MOOE) and Capital Outlay (CO) has been allocated with P51.1 million and P19.8 million, respectively.



II. Fund Utilization

The agency has utilized 96 per cent or P 141.5 million of its total budget. Personnel Services has a utilization rate of 100 percent while MOOE and CO have utilization rates of 91 percent and 96 percent, respectively.

For the agency's various programs, projects and activities, the rate of fund utilization are as follows: General Administration and Support (GAS), 96 percent; Operations (which includes quality control and inspection), 97 percent; and Registration and Licensing, 93 percent.



* **RL** - Registration and Licensing
QCI - Quality Control Inspection
GASS - General Administration and Support Services



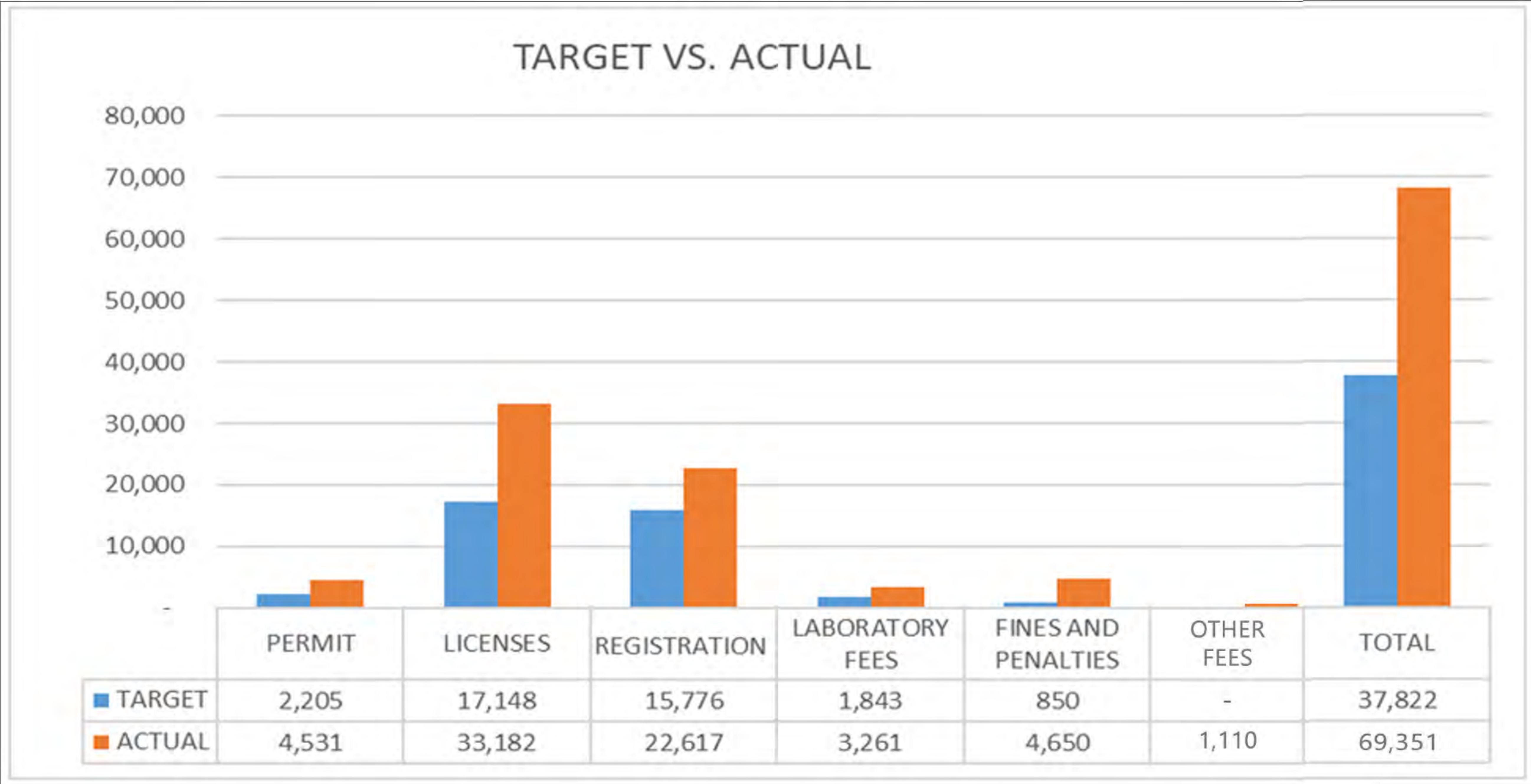
III. Income Collections

The agency derives its income from the fees collected for fertilizer and pesticide product registrations, licensing of handlers and dealers, surcharges from late registrations, fines and penalties, processing of permits, accreditations, and certifications, and laboratory services.

For 2017, the agency was able to collect P68.2 million from its registration and licensing functions, or 180 percent of its projected income of P 37.8 million.

Income collected was directly deposited in the Bureau of Treasury pursuant to existing accounting and auditing rules and regulations.

FPA’s income for the year was augmented by the sale of Accredited Safety Dispenser (ASD) Manual and F/P Regulatory Policies and Implementing Guidelines amounting to P 0.69 million and rental of its facilities (convention hall and training room) amounting to P0.42 million.



Annex A

List of Frontline Services

- Registration of Fertilizer Product
- Licensing of Fertilizer Dealer/Repacker
- Licensing of Fertilizer Handler/Warehouse
- Issuance of Fertilizer Experimental Use Permit
- Issuance of License for Mango Contractors
- Issuance of VAT Exemption Certificate
- Reception of Fertilizer Samples
- Agricultural Pesticide Product Registration
- Issuance of Pesticide Experimental Use Permit
- Issuance of License for Agricultural Pesticide Handlers Other than Dealers and Warehouse
- Evaluation of Handlers with Occupational Safety and Health (OSH) Requirements
- Issuance of License for Pesticide Dealers/ Outlets And Pest Control Operators
- Issuance of Import/ Export Permits and Other Certification
- Registration of Plant-Incorporated Protectant (PIP)/ Other Pesticidal Substances
- Analysis of Fertilizer and/or Pesticide Sample for Research And Other Purposes Except for Registration and Licensing Requirements
- Facilitation of Submission of Fertilizer Sample for Confirmatory Analysis
- Facilitation of Submission of Pesticide Sample for Confirmatory Analysis
- Accreditation of Fertilizer and Pesticide Researcher, Safety dispenser, Responsible Care Officer, and Agricultural Fumigator and Exterminator
- Issuance of Permit to Purchase Methyl Bromide
- Renewal of License for Fertilizer and Pesticide Handlers At the Regional Field Units

Annex B

Retail Prices of Selected Pesticide Brands for Last Quarter of 2017*

Oct-Dec-2017

CURRENT PRICES OF PESTICIDES PER REGION

HERBICIDES	REGIONS												
BRAND NAME	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	CARAGA
	(price/Liter)												
2-4D Amine	320.00	220.00				244.17		230.00	328.00	230.00		241.66	241.67
2-4D Ester	260.00	260.00	260-320			285.00	108/250ml	320.00	312.00	292.50	282.00	316.66	316.67
Advance	595.00		570-650			550.00			676.00	586.00	534.00	550.00	
Advice													
Agroxone			285-320										
Bio 480										300.00			
Blade								453.00					
Butarill								465.00					
Clean Zone	335.00		380.00										
Clearmaxx			650.00										
Clear-out	395.00	1,180/gal	360-380						459.00		368.00		
Clincher			1260-1400			1390.00							
Devast											344.00		
Direk						730.00							
Diuron				500.00					467.00		449.00		
Dragon			620-670										
Exceed													
Forward						530.00							
Gramoxone			520.00						441.00		505.00		513.00
Grassedge	600.00		455.00						543.00				
Grastop					585.00								
Hedonal	635.00		290-340						336.00				
Hero							342/500ml						
Kleerweed										350.00			
Klik													
Machete	520.00		497.00	550.00	620.00		652.00	620.00	494.00		508.00	515.00	
Mower	240.00						399.00						
Nominee	1,400.00		1,469.00			1460/250ml						1400.00	
Novasate	370.00												
Power		950/gal	262.00	350.00			330.00		453.00	282.50	288.00	250.00	266.00
Pyanchor			730-830			780/500ml	830.00						
Ravage			1200.00										
Riceguard													520.00
Ricestar			1020-1050			1040/500ml			1,353.00		1,111.00		
Ronstar			635-685							848.00		690.00	831.00
Rouge	430.00			490.00					494.00				
Round up	400.00		400.00		541.33		495.00		436.00	395.00	421.00	378.00	415.00
Sharp Shooter	355.00		380.00				385.00						
Shell 2-4D			320.00								310.00		
Slash			380.00	400.00			415.00	354.00	318.00		352.00		
Sofit			750-800		865.00	745.00							
Sonic			450-500										
Spitfire	330.00		380.00										
Tornado					515.00	530.00		556.00					
Touchdown	320.00												
Weedban	340.00						390.00						
Weedblaster											354.00		

* Based on the submission of the regional offices.

CURRENT PRICES OF FOLIAR FERTILIZER PER REGION

	REGIONS									
	I	III	IV	V	VI	VII	VIII	XI	XII	
BRAND NAME										AVERAGE
	price/Liter									
Agrowell		145.63	270.00					198.67	190.00	201.08
Albatross	305.00						200.00			126.25
Algafer	208.00						190.00	220.00		154.50
Algifol								890.00		222.50
Bayfolan	370.00							360.00		182.50
Biogold						250.00				62.50
Biotrissol					450.00					112.50
Calcum Boron								270.00		67.50
Caligro								180.00		45.00
Crop Giant/kg.	220.00	122.22	230.00	127.00	200.00	205.00	200.00	219.50	209.00	433.18
Crop Maximizer/kg.	195.00		220.00				195.00			152.50
Delta Spray			230.00							57.50
Extra								195.00		48.75
Follara								133.00		33.25
Foliar Plus	170.00			120.00						72.50
Freegrow						150.00		185.00		83.75
Golden Crop				192.50						48.13
Greenbee	180.00									45.00
Green Fortune						170.00				42.50
Grow and Glow/ kg.	190.00									47.50
Growmax	192.00									48.00
Growmore /kg	225.00	120.00				175.00		195.00	195.00	227.50
Haifa Grow	210.00		175.00							96.25
HI-P								265.00		66.25
Humus WSG			150/sachet							0.00
J-777								340.00		85.00
Kaizer								348.00		87.00
La Themgas					200.00			171.00		92.75
Mango Set			230/kg							0.00
Manusol	175.00									43.75
Maxigrain/ kg.	170.00									42.50
Megabooster/kg		303.00	230.00		220.00					188.25
Mega Yield						118.00	120.00/kg	150.00		67.00
Mighty Crop							150.00			37.50
Miracle Booster				125.00						31.25
M-Prove	360.00				200.00					140.00
Neutra Plant AG/Lit			1,440.00							360.00
Peters	330.00									82.50
Plantcare	315.00		330.00							161.25
Prinz								330.00		82.50
Restorer	290.00									72.50
Rhizocote								217.00		54.25
Siam	205.00	113.00					180.00			124.50
Superharvest						140.00				35.00
Star	205.00									51.25
Top Grow							240.00	190.00		107.50
Trio Plus					200.00					50.00
Vegegrow								185.00		46.25
Vita Grow								180.00		45.00
Viking	190.00			190.00						95.00
Wokozim	355.00			190.00						136.25

Annex C

Average Retail Prices of Six Major Fertilizer Types for 2000-2017*

Urea(46-0-0) Average Retail Price by Month , 2000-2017 (Pesos/50 kg. bag)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2000	309.29	315.23	319.98	316.41	338.2	365.26	390.3	392.29	388.14	400.78	420.38	428.84	365.43
2001	448.34	454.69	497.11	444.45	443.5	426.02	426.22	427.13	416.05	433.06	435.88	427.34	439.98
2002	435.81	435.6	430.98	426.35	418.16	413.35	391.25	414.17	423.79	431.87	430.32	441.62	424.44
2003	462.24	490.45	569.82	576.75	553.99	549.87	544.24	542.12	550.39	574.14	587.54	610	550.96
2004	645.93	643.47	656.96	661.28	657.5	665.59	761.13	799.49	823.23	862.59	859.81	864.03	741.75
2005	841.89	827.5	839.24	948.06	968.63	950.5	937.71	911.82	901.31	879.77	887.35	879.04	897.74
2006	884.51	882.58	883.77	910.38	925.13	926.89	913.23	901.55	897.39	887.32	891.75	882.94	898.95
2007	901.1	913.32	972.03	976.39	987.59	982.63	983.1	972.63	948.55	952.52	963.54	979.56	961.08
2008	1,036.65	1,052.15	1,087.77	1,206.18	1,704.99	1,797.58	1,870.96	1,921.37	1,958.95	1,888.36	1,654.62	1,437.54	1,551.43
2009	1,203.65	1,109.33	1,120.70	1,004.36	988.3	959.38	903.82	900.81	902.53	852.69	857.34	907.61	975.88
2010	947.83	971.78	982.58	968.46	968	946.51	923.13	896.26	895.09	927.79	953.29	1,000.95	948.47
2011	1,030.44	1,036.19	1,050.60	1,076.44	1,084.29	1,147.84	1,237.15	1,274.65	1,299.74	1,332.68	1,332.70	1,324.74	1,185.62
2012	1,311.83	1,282.07	1,275.26	1,261.64	1,300.24	1,291.10	1,299.07	1,282.73	1,330.34	1,261.14	1,246.57	1,242.59	1,282.05
2013	1,206.63	1,219.70	1,210.17	1,192.70	1,181.81	1,171.21	1,156.08	1,115.74	1,085.81	1,059.97	1,021.99	1,053.72	1,139.63
2014	1,051.70	1,072.75	1,081.70	1,088.98	1,072.67	1,068.26	1,048.70	1,038.00	1,041.01	1,044.44	1,047.37	1,043.59	1,058.26
2015	1,027.96	1,027.44	1,022.03	1,002.78	1,027.98	1,007.09	981.53	n.a.	n.a.	n.a.	n.a.	n.a.	1,013.83
2016	991.71	981.79	974.07	960.45	948.16	938.75	910.60	889.72	880.84	863.37	857.47	846.35	926.99
2017	876.04	893.74	900.94	900.94	919.60	886.83	890.45	867.92	887.68	898.14	927.71	952.49	900.21

AMMONIUM SULPHATE (21-0-0) Average Retail Price by Month , 2000-2017 (Pesos/50 kg. bag)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2000	217.8	219.27	223.29	223.7	225.16	228	232.7	233.76	246.23	238.07	246.36	248.07	231.87
2001	263.45	256.03	248.94	251.77	254.82	257.86	276.48	289.86	290.91	290.11	296.61	290.04	272.24
2002	299.53	298.92	295.4	291.87	288.4	297.42	306.72	290.99	291.45	300.9	286.77	313.32	296.81
2003	289.46	283.58	303.47	299.16	311.19	305.64	308.17	306.56	313.79	329.65	347.13	394.86	316.06
2004	445.07	439.97	446.52	472.93	459.71	468.2	518.67	543.72	530.58	521.03	513.93	518.53	489.91
2005	531.52	508.53	508.41	566.5	558.4	538.16	533.8	526.49	511.99	501.17	496.3	490.41	522.64
2006	492.2	490.71	500.66	465.02	472.28	466.07	481.93	490.79	464.1	426.77	487.51	454.62	474.39
2007	455.59	492.75	520.85	500.63	535.21	553.5	583.57	572.08	563.99	557.57	571.74	593.91	541.78
2008	725.94	755.6	812.1	830.81	937.35	993.8	1,026.69	1,051.50	1,065.44	1,021.63	928.23	864.63	917.81
2009	709.03	617.49	665.96	578.01	587.09	560.52	520.33	530.5	513.9	491.46	487.48	588.98	570.9
2010	502.3	522.76	533.51	519.7	524.4	515.56	497.69	480.39	517.95	490.53	503.58	538.91	512.27
2011	555.86	579.78	549.68	631.05	626.5	655.63	690.85	707.69	719.25	732.39	738.07	739.62	660.53
2012	746.46	741.61	744.98	748.94	753.89	763.54	767.73	768.18	769.23	770.08	764.81	762.28	758.48
2013	751.3	739.36	738.99	741.5	673.91	698.49	709.08	687.22	667.89	646.58	640.31	640.46	694.59
2014	617.66	609.1	614.19	603.78	606.88	589.84	578.3	567.61	587.72	573.09	579.13	578.98	592.19
2015	639.49	575.59	560.93	542.94	555.79	557.67	546.11	n.a.	n.a.	n.a.	n.a.	n.a.	568.36
2016	561.95	576.00	574.02	553.12	573.00	541.13	531.72	520.98	523.03	591.44	522.82	515.89	551.75
2017	516.89	525.99	530.61	530.61	547.21	539.10	552.42	553.65	542.85	540.23	516.51	547.79	536.99

N-P-K (14-14-14) Average Retail Price by Month , 2000-2017 (Pesos/50 kg. bag)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2000	401.67	396.34	396.88	392.87	394.39	401.36	407.28	400.86	402.85	406.97	414.7	416.47	402.72
2001	421.68	420.04	417.67	417.22	422.69	422.36	449.45	427.84	424.41	433.7	436	429.38	426.87
2002	435.14	440.1	453.42	466.73	429.62	430.5	425.94	426.68	428.63	433.28	424.56	435.22	435.82
2003	440.1	443.65	464.82	468.04	468.53	470.56	475.31	479.15	487.82	494.97	503.07	523.93	476.66
2004	568.05	563.03	589.03	634.93	629.71	669.64	681.22	708.38	718.62	724.54	713.32	717.29	659.81
2005	723.62	714.86	741.21	760.51	773.77	797.96	792.8	792.77	787.88	782.58	773.28	767.12	767.36
2006	759.54	753.32	728.04	741.41	744.12	753.26	754.36	730.77	755.6	757.25	731.38	745.47	746.21
2007	740.44	749.53	746.14	752.88	781.88	805.27	820.09	817.72	820.93	828.78	829.17	863.92	796.4
2008	1,013.04	1,128.88	1,401.97	1,530.08	1,862.04	1,921.21	1,935.33	1,945.34	1,913.80	1,935.87	1,797.30	1,675.16	1,671.67
2009	1,441.08	1,298.31	1,295.35	1,203.23	1,190.23	1,179.05	1,168.41	1,161.58	1,125.80	1,089.35	1,083.08	1,082.13	1,193.13
2010	1,089.71	1,103.27	1,100.43	1,088.73	1,088.81	1,079.58	1,061.10	1,036.22	1,022.20	1,027.69	1,027.71	1,096.02	1,068.46
2011	1,083.97	1,089.18	1,027.18	1,120.71	1,155.31	1,156.29	1,177.94	1,214.15	1,209.77	1,237.35	1,246.28	1,262.89	1,165.09
2012	1,260.56	1,245.88	1,250.17	1,250.71	1,244.94	1,258.82	1,258.25	1,258.78	1,257.27	1,253.47	1,242.30	1,239.36	1,251.71
2013	1,223.96	1,235.99	1,228.88	1,232.35	1,228.57	1,219.85	1,217.39	1,203.35	1,183.50	1,185.20	1,176.61	1,178.11	1,209.48
2014	1,179.86	1,174.39	1,175.74	1,178.42	1,171.84	1,166.01	1,158.94	1,166.87	1,159.95	1,174.08	1,171.77	1,175.34	1,171.10
2015	1,153.45	1,165.84	1,149.24	1,146.98	1,166.85	1,154.15	1,147.83	n.a.	n.a.	n.a.	n.a.	n.a.	1,154.91
2016	1,148.28	1,139.68	1,130.16	1,137.25	1,134.18	1,137.02	1,126.49	1,116.41	1,110.58	1,107.31	1,107.46	1,141.09	1,126.80
2017	1,084.40	1,084.62	1,081.71	1,081.71	1,091.55	1,066.76	1,082.3	1,078.31	1,076.70	1,077.50	1,071.84	1,073.47	1,079.24

* Based on the submission of the regional offices.

AMMONIUM PHOSPHATE (16-20-0) Average Retail Price by Month , 2000-2017 (Pesos/50 kg. bag)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2000	390.93	390.61	391.63	385.81	387.07	403.57	402.99	408.03	404.34	408.73	403.41	409.34	398.87
2001	411.68	411.04	404.1	412.32	413.67	412.93	416.11	421.59	414.72	418.72	415.12	414.69	413.89
2002	425.01	428.43	424.2	419.96	422.16	420.62	416.25	422.39	424.14	426.33	417.63	425.36	422.71
2003	434.2	425.7	444.36	459.51	455.65	461.27	463.46	469.47	475.8	495.5	499.1	510.72	466.23
2004	544.65	540.73	564.07	616.71	608.08	631.87	666.42	676.05	684.61	697.05	686.28	699.79	634.69
2005	694.18	699.92	712.86	752.25	767.31	779	773.1	775.27	765.34	782.72	760.27	756.12	751.53
2006	749.91	741.97	740.07	728.81	727.08	716.49	723.31	758.82	733.64	744.67	728.82	718.22	734.32
2007	714.99	714.1	720.67	717.88	763.37	798.27	803.34	798.09	801.76	806.96	808.72	850.53	774.89
2008	956.02	1,107.64	1,336.98	1,488.41	1,821.49	1,874.04	1,897.12	1,904.87	1,906.83	1,874.09	1,684.40	1,566.63	1,618.21
2009	1,362.32	1,198.86	1,250.02	1,143.13	1,113.65	1,071.84	1,040.22	1,043.53	1,007.81	986.79	998.27	1,123.07	1,111.63
2010	949.53	924.85	935.1	921.9	929.72	907.96	902.74	887.92	912.44	893.28	921.63	963.9	920.91
2011	965.9	1,013.99	925.35	987.48	1,023.10	1,053.78	1,081.89	1,092.43	1,106.32	1,103.46	1,117.19	1,111.88	1,048.56
2012	1,045.07	1,104.59	1,097.23	1,115.95	1,113.68	1,098.92	1,086.11	1,090.94	1,097.79	1,094.77	1,167.83	1,088.38	1,100.11
2013	1,083.74	1,080.96	1,075.62	1,084.58	1,074.72	1,064.70	1,058.21	1,070.08	1,073.05	1,043.08	1,017.06	1,030.02	1,062.99
2014	1,011.03	1,129.90	1,024.36	1,007.11	1,001.28	991.11	991.14	999.44	999.83	999.61	998.41	993.07	1,012.19
2015	1,003.14	981.15	979.73	969.24	991.02	986.05	969.2	n.a.	n.a.	n.a.	n.a.	n.a.	982.79
2016	964.99	963.21	967.60	960.54	957.53	945.72	939.53	927.11	917.89	909.21	911.08	904.44	942.22
2017	897.64	895.42	910.60	910.60	911.48	898.85	888.08	863.11	893.82	891.12	822.33	886.68	889.14

MURIATE OF POTASH (0-0-60) Average Retail Price by Month , 2000-2017 (Pesos/50 kg. bag)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2000	347.98	354.89	371.01	371.52	370.7	360.92	372.06	371.75	388.72	404.32	413.82	423.1	379.23
2001	426.04	431.64	427.42	429.11	427.08	427.1	434.81	440.25	434.2	448.58	448.8	441.34	434.7
2002	457.22	464.2	461.95	459.7	458.58	452.15	438.67	451.37	453.12	473.71	470.48	484.17	460.44
2003	469.82	531.42	497.86	508.7	479.35	481.49	492.26	475.68	497.87	491.06	507.33	513.04	495.49
2004	568.83	543.19	590	637.7	636.95	659.47	684.98	716.94	717.95	732.04	728.91	740.05	663.08
2005	738.63	739.06	737.3	745.79	769.24	782.76	788.39	779.03	760.66	802.68	778.15	806.75	769.04
2006	771.24	794.22	790.29	782.97	792.45	784.45	790.72	809.9	815.14	834.29	841.03	832	803.23
2007	830.32	829.53	827.05	848.23	855.25	848.72	866.49	860.48	858.6	871.46	891.68	922.68	859.21
2008	1,102.85	1,181.87	1,291.88	1,409.05	1,687.78	1,881.68	1,895.00	1,951.54	2,029.57	2,099.31	2,058.85	1,954.51	1,711.99
2009	2,002.40	1,985.12	2,087.56	1,940.07	1,919.83	1,928.45	1,923.43	1,966.42	2,012.67	1,889.57	1,893.54	1,874.56	1,951.97
2010	1,766.47	1,741.03	1,775.17	1,752.01	1,723.70	1,695.17	1,596.78	1,601.59	1,492.26	1,496.68	1,551.00	1,594.74	1,648.88
2011	1,574.14	1,584.07	1,541.43	1,459.65	1,529.27	1,564.88	1,550.51	1,529.78	1,549.24	1,480.80	1,515.50	1,531.42	1,534.22
2012	1,526.79	1,560.57	1,487.65	1,503.14	1,483.86	1,503.48	1,501.39	1,467.22	1,534.28	1,467.73	1,452.48	1,488.20	1,498.07
2013	1,468.58	1,452.45	1,456.35	1,462.71	1,390.47	1,430.63	1,428.32	1,408.55	1,429.61	1,415.94	1,420.24	1,382.97	2,857.80
2014	1,381.79	1,366.86	1,364.72	1,343.39	1,338.16	1,438.67	1,344.03	1,311.21	1,315.50	1,323.19	1,319.60	1,321.19	1,347.36
2015	1,338.86	1,292.92	1307.42	1276.74	1287.87	1271.83	1,269.47	n.a.	n.a.	n.a.	n.a.	n.a.	1,292.16
2016	1255.18	1232.44	1224.97	1188.10	1181.62	1182.40	1186.75	1172.61	1170.36	1163.51	1153.93	1175.31	1191.99
2017	1178.44	1192.62	1177.80	1177.80	1170.12	1174.65	1268.08	1219.1	1,232.24	1,213.89	1,043.28	1,178.25	1185.52

DI-AMMONIUM PHOSPHATE (18-46-0) Average Retail Price by Month , 2000-2017 (Pesos/50 kg. bag)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2000	507.44	484.29	490.09	512.31	514.3	515.56	526.23	525.16	525.17	517.16	536.34	532.79	515.57
2001	544.07	556.24	546.65	547.61	558.14	541.4	529.5	556.06	561.81	552.26	562.89	568.33	552.08
2002	563.88	577.06	557.36	537.65	562.14	554.46	570.75	570.5	572.75	571.49	570.09	568.4	564.71
2003	585.38	597.17	635.3	666.25	674.04	685.62	699.72	678.02	713	681.46	746.57	724.28	673.9
2004	771.13	770.03	780.06	783.7	771.5	824.51	858.45	908.75	915.73	930.87	994.85	1,051.88	863.46
2005	1,107.81	1,206.63	1,304.33	1,269.20	1,290.89	1,400.32	1,323.00	1,311.40	1,331.21	1,350.00	1,378.00	1,293.75	1,297.21
2006	1,312.19	1,332.52	1,389.55	1,280.24	1,352.75	1,392.61	1,385.82	1,372.93	1,374.84	1,337.76	1,358.63	1,348.16	1,353.17
2007	1,321.00	1,326.50	1,346.39	1,373.03	1,335.85	1,365.15	1,408.94	1,421.24	1,466.84	1,460.33	1,462.73	1,498.98	1,398.92
2008	1,645.52	1,841.21	1,983.74	2,348.09	3,066.24	3,138.40	3,284.71	3,189.60	3,133.07	3,169.52	2,850.62	2,651.48	2,691.85
2009	2,828.25	2,702.57	2,791.65	2,196.24	2,176.38	2,256.62	2,088.39	2,012.49	2,042.82	1,972.38	1,939.90	1,879.20	2,240.57
2010	1,967.72	1,839.27	1,575.69	1,856.78	1,852.10	1,726.04	1,804.85	1,759.21	1,594.78	1,737.34	1,725.09	1,776.42	1,767.94
2011	1,818.78	1,905.08	1,932.11	1,837.21	1,835.44	1,796.34	1,767.83	1,809.99	1,738.69	1,769.39	1,768.52	1,788.59	1,814.00
2012	1,837.09	1,831.46	1,818.10	1,815.97	1,815.94	1,793.58	1,758.00	1,776.78	1,746.45	1,765.25	1,755.50	1,768.68	1,790.23
2013	1,751.24	1,738.78	1,737.25	1,695.15	1,677.40	1,711.08	1,690.21	1,795.85	1,854.31	1,831.11	1,790.24	1,781.70	1,754.53
2014	1,768.61	1,748.99	1,721.79	1,677.57	1,600.71	1,597.37	1,602.98	1,580.50	1,573.71	1,557.21	1,568.91	1,563.40	1,630.15
2015	1,590.86	1,545.43	1,579.52	1,567.48	1,487.55	1,487.55	1,535.33	n.a.	n.a.	n.a.	n.a.	n.a.	1,541.96
2016	1525.96	1478.87	1467.38	1502.88	1493.12	1477.32	1460.88	1459.37	1451.71	1455.45	1420.38	1425.34	1472.12
2017	1429.6957	1452.1471	1487.75	1487.75				1442.82	1,401.78	1,387.54	1,393.39	1,410.25	1432.57

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