



Pesticides and Toxic Chemicals Control Board



Annual Report 2011

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EXECUTIVE SUMMARY

The Pesticides and Toxic Chemicals Control Board (PTCCB) is a semi-autonomous Agency which was established in accordance with the relevant legal provisions enshrined in the Pesticides and Toxic Chemicals Control Act (No. 13 of 2000).

The Board, which operates under the Ministry of Agriculture, is charged principally with making arrangements and providing facilities for controlling the manufacture, importation, transport, storage, selling, using and advertising of pesticides and toxic chemicals in Guyana.

PTCCB is operated by its permanent Secretariat which carries out the mandatory responsibilities and the operational and administrative policies handed down by the Board of Directors.

During the year under review, the PTCCB was involved with a wide range of pertinent activities which were all integrally linked to the principal responsibilities.

The key areas of activity of the PTCCB during the year 2011 are as follows:-

- General Administration
- Inspection and Enforcement
- Registration and Licensing
- Quality Control
- Training
- Internal Capacity Building
- Overseas Participation
- Analytical Testing
- Monitoring and Evaluation
- Public Awareness

Details pertaining to these activities are documented individually in the body of this Annual Report.

This Report demonstrates comprehensively that the PTCCB continued to carry out its mandate, as it had done over the years since its establishment, in a proactive manner in partnership with the Ministry of Agriculture, sister Agencies, representatives of the Private Sector and relevant overseas based organizations.

Importantly, strong emphasis was placed on interactive sessions with importers, manufacturers, traders, farmers and other end users of chemicals in Guyana.

The PTCCB remains committed to carrying out its mandatory responsibilities during the year 2011 with specific focus being placed on completing the establishment of (i) the proposed comprehensive registration scheme, and (ii) providing the necessary



infrastructure required for the establishment of appropriate educational, advisory, health-care and extension services for enabling and exercising adequate control over quality, sale and usage of pesticides, while ensuring that the interest of end-users and importers' rights are well protected.



INTRODUCTION

This Report documents the activities of the Pesticides and Toxic Chemicals Control Board (PTCCB) for the year 2011. It highlights the accomplishments and discusses constraints associated with the Board's objectives with respect to activities initiated during the year 2011. The Report also includes the Board's objectives and achievements for 2011.

BOARD OF DIRECTORS

The Directorate of the Board was appointed for the period 1st January to 31st December 2011. The membership of the Board for this year was as follows:

- Dr. Leslie Munroe – Chairman
- Mr. Khame Sharma– Director
- Ms.Karen Alleyne – Director and Representative of the Environmental Protection Agency
- Dr. Dindyal Permaul – Director and Representative of the Ministry of Agriculture
- Dr. Ashook Sookdeo – Director and Representative of the Ministry of Health, Deputy Chairman
- Dr. Dagleish Joseph – Director
- Dr. Elizabeth Ramlal – Director
- Mr. Kuldip Ragnauth – Ex Officio Member
- Mr. Steve Mangal – Ex Officio Member

Ms. Trecia David - Registrar of Pesticides and Toxic Chemicals continued to function in the capacity of Secretary to the Board in accordance with the relevant provisions enshrined in the Pesticides and Toxic Chemicals Control Act (No. 13 of 2000).

Meetings of the Board

Statutory Meetings of the Board were scheduled to be held on the Third Wednesday of every month. However only eight such Meetings were held. The punctuality of the Members in attendance at the Meetings was exceptional throughout the year.

Arrangements were in place for the conduct of technical meetings during the period under review as might have been necessary. However, there were not necessary.

Signatories of the Board

The signatories of the Board for the year under review were:

- (1) Chairman of the Board – Dr. Leslie Munroe;
- (2) Deputy Chairman – Dr. Ashook Sookdeo;
- (3) Director - Dr. Dindyal Permaul; and
- (4) Secretary of the Board – Ms. Trecia David



The order of signatories of the Board remained the same i.e. Chairman and/or Secretary with any other Director.

Responsibilities of the Board

The Board is charged with the responsibilities for making arrangements and providing facilities for controlling the manufacture, importation, transport, storage, selling, using and advertising of pesticides and toxic chemicals in Guyana.

Objectives of the Board

The primary objective of the Board for the period under review was to introduce a National Pesticide and Toxic Chemical Control Scheme. In this respect consideration was given to the current and future ability of Guyana to operate such a scheme in recognition of the legal framework and considering the level of support which the Government of Guyana could provide.

It was also the Board's objective to develop effective and workable criteria and protocols to be used to achieve the target goals with the minimum displacement of production or trade and to collaborate with the pertinent stakeholders in helping them to achieve their respective and collective economic targets.

The specific objectives of the Board for the year under review were as follows:

- (i) Fulfilling the International Requirement of the Board for the Rotterdam Convention;
- (ii) Fulfilling the International Requirement of the Board for the Stockholm Convention on Persistent Organic Pollutants (POPs); - Developing a National Implementation Plan for Guyana;
- (iii) Fulfilling the International Requirement of the Board - Strategic Approach for International Chemical Management (SAICM) through the Implementation of the QSP Project - Developing an Integrated National Programme for the Sound Management of Chemicals and SAICM Implementation In Guyana;
- (iv) Registration of Pest Control Operators;
- (v) Development of a comprehensive Pest Control Operator Training Manual; and
- (vi) Reduction of Illegal Imports and vending of pesticides.



SECRETARIAT OF THE BOARD

Organizational Chart

The organization of the Board contains four divisions: Licensing and Registration, Enforcement and Training, Administration and Analytical. Each Division will be headed by senior personnel. The total staff compliment of the Board is twelve (12).

General Administration

The implementation of the policies of the Board is carried out by an adequately staffed Secretariat located at the compound of the National Agricultural Research and Extension Institute, Mon Repos, East Coast Demerara. This Secretariat, which is headed by the Registrar holds responsibility for General Administration and Operations including (i) training and (ii) enforcement of the Rules and regulations associated with the manufacture, importation, transport, storage, selling, using and advertising of pesticides and toxic chemicals in Guyana.

Staff Development

Throughout the period under review the Board, in recognition of the need for capacity building towards facilitating the provision of services to farmers and other stakeholders allowed staff to participate in a number of training exercises conducted by other Agencies and International stakeholders.

Training and Awareness

Training and Public Education activities targeting manufacturers, traders and users of pesticides and toxic chemicals were conducted throughout the period under review. Such activities included:-

- Training of 2467 farmers & farm workers in the effective use of pesticides;
- Training of students of the Guyana School of Agriculture (GSA) in the safe usage of pesticides;
- Assisting the National Drainage and Irrigation Authority (NDIA) with general weed management in the D&I System;
- Training of Extension Agents, Custom Officers, and Other national stakeholders in pesticide risks, hazards and management;
- Training of Guyana Police Force countrywide;
- Use of various media (farmers connection, infomercials, newspapers, newsletter etc)
- Development of a Household Pest Control Training Manual; and
- Participation in Agricultural and other relevant national Exhibitions.



ACHIEVEMENTS - 2011

The Pesticides and Toxic Chemicals Control Board's Achievements for the period under review were as follow:

Pesticides Submitted For Registration

The Board received sixty eight (68) applications requesting registration of which 32 were registered. The unregistered 34 was as a result of incomplete submissions for registration.

Pesticides Registered

The Board approved the registration of 153 products as of Dec., 2011. Two of these which contain phosphine gas - a product used chiefly for fumigation in the rice industry and in timber - were approved under the classification of restricted pesticides.

Laboratory Equipment and Materials

High Performance Liquid Chromatograph (HPLC)

The HPLC which is main analytical equipment for residual analysis was added to the PTCCB Laboratory allowing increase capability.

Laboratory Documentation

During the year under review the laboratory staff continued to work on developing, correcting and reviewing documented data to ensure that the laboratory meet the GYS 223:2005 standard for accreditation.

The Quality Manual, Safety Manual, Standard Operating Procedures, Work Instructions and Forms were completed and submitted to the Guyana National Bureau of Standard (GNBS) for assessment and approval. This is still being finalized through a GAP analysis.

Analytical Work

A total of seventeen formulated pesticide samples were analysed in 2011:

- Seven imidacloprid (liquids and solids) by HPLC-UV-MSD
- One Alpha-cypermethrin by GC-FID
- Two Lambda-cyhalothrin by GC-FID
- Four Fipronil by GC-ECD.
- Three cypermethrin by GC-ECD

Method development was done with sixteen pesticides:

- * *Alpha - Cypermethrin* by GC-FID and GC MS using SSL and PTV and HPLC-UV-MSD



- * *Cypermethrin* by GC-ECD using SSL and PTV; HPLC-UV-MSD and HPLC-MSD
- * *Lambda-cyhalothrin* by GC-FID using SSL and PTV; HPLC-UV
- * *Chlorpyrifos* by GC-ECD and HPLC-MSD
- * *Imidacloprid* by HPLC-UV-MSD and HPLC-MSD
- * *Fipronil* by GC-ECD; HPLC-UV-MSD and HPLC-MSD
- * *2-4 D* by HPLC-UV-MSD and HPLC-MSD
- * *Carbaryl* by HPLC-UV-MSD and HPLC-MSD
- * *Carbendazim* by HPLC-UV-MSD and HPLC-MSD
- * *Hexazinone* by HPLC-UV-MSD and HPLC-MSD
- * *Brodifacoum* by HPLC-UV-MSD and HPLC-MSD
- * *Asulam* by HPLC-UV-MSD and HPLC-MSD
- * *Deltamethrin* by HPLC-MSD
- * *Acetamiprid* by HPLC-MSD
- * *Paraquat* by HPLC-MSD
- * *Diuron* by HPLC-MSD

Regional Training Workshops

The Ministry of Agriculture and the Pesticides and Toxic Chemicals Control Board were represented by Senior Staff of the Board's Secretariat at a series of deliberate Training Workshops. The training included: Regional Training Workshop on Persistent Organic Pollutants (POPs) and Polychlorinated Biphenyls (PCBs) Wastes; Caribbean Workshop on the Strategic Approach to International Chemicals Management (SAICM) and Related Chemicals, and Hazardous Waste Management Instruments; Chemicals in Products Workshop UNEP and Coordinating Group of Pesticides Control Board Meeting.

National Implementation Plan for the Stockholm Convention

The Board commenced work on the development of the National Implementation Plan (NIP) for the Stockholm Convention of Persistent Organic Pollutants (POPs). The National Coordinating Committee was established during the period under review and pesticides inventory were carried out countrywide. The National Implementation Plan will be completed in 2012.

Training

1. The Directors, Registrar and Inspectors of the Board provided training, at a number of locations throughout the country, to farmers on the safe use, handling and storage of pesticides. The training was conducted in collaboration with the Guyana Rice Development Board (GRDB), the Farmers Field School Programme, GuySuco's Cane Farming Committee and the Extension Unit of the Ministry of Agriculture. Training Sessions were held in Regions 1, 2, 3, 4, 5, 6, 9 and 10.



2. A guest lecture was conducted on the safe use and management of pesticides for the second year diploma students of the Guyana School of Agriculture.
3. Trainings were provided to pesticides importers, distributors and vendors countrywide. As a result a comprehensive pesticide manual is to be developed for these stakeholders countrywide.
4. The Board in collaboration with Ministry of Agriculture conducted training sessions for Extension Officers from outlying communities at the Guyana School of Agriculture training facility. Participants were trained in the following areas:
 - Management of Pesticides in Guyana;
 - Pesticides Act and Regulations;
 - Benefits and Risks of Pesticides Use;
 - Pesticides Classification;
 - Pesticides Labelling;
 - Safe Handling and Correct Use of Pesticides;
 - Classification of Pest;
 - Pest Control Measures and Practices;
 - Dose Rates and Recommendations;
 - MRLs; and
 - Storage and Disposal of Pesticides.
5. Training sessions were conducted in collaboration with the Extension Unit of the Ministry of Agriculture. Inspectors from the Board and Officers from other Agencies conducted training sessions for rice and cash crop farmers on the safe and effective use of pesticides, post harvest management, farm certification, agro processing and marketing.
6. The Board concluded the provision of training to farmers and other Agencies in December 2011. A total of 2647 persons were trained on the safe use, handling, storage and disposal of pesticides. The beneficiaries expressed appreciation for the presence of Directors of the Board at some of these training sessions. A number of pesticide equipment were distributed to farmers such as measuring equipment, gloves, respirators and overalls.

COMPLAINTS AND INVESTIGATIONS

During the year under review the Board investigated the following complaints:

- Aerial drift of starane mixture along the communities between Bel air and Kingston in close proximity to the sea defense.
- Chemical spray incident at Mr. Ramgopaul residence Cane Grove.
- GuySuCo Aerial Spraying affecting Farmers of Zeelugt East, E.B.E.
- GuySuCo Aerial Spraying affecting Residents of Vive – La – Force W.B.D



PESTICIDES IMPORTATION

Pesticides

The total import value of pesticides for the year was Two Billion, Seven Hundred and Sixty Six Million, Nine Hundred and Seventy Seven Thousand, Four Hundred and Thirty Eight Guyana Dollars (\$ 2,766,977,438.00).

Herbicides Import 2011			
Common Name	Quantity	Cost US\$	Cost G\$
2,4 D	175154 l	\$452,938.40	\$92,388,988.80
Acetochlor	57 l	\$1,279.65	\$261,048.60
Ametryn	17674 kg	\$421,642.40	\$90,775,148.60
Arsenal	2611 l	\$47,802.76	\$9,759,200.97
Asulam	20500 kg	\$144,540.00	\$45,425,160.00
Bispyribac sodium	646 kg	\$29,700.00	\$6,055,350.00
Diazinon	500 l	\$4,250.00	\$867,000.00
Diuron	30710 kg	\$233,548.00	\$47,646,942.00
Fluroxypyr-methyl	7260 l	\$98,010.00	\$20,018,542.50
Glyphosate	93883 l	\$282,280.70	\$57,600,020.45
Hexazinone	366 kg	\$9,558.00	\$1,947,453.00
Indaziflam	2 l	\$180.00	\$36,720.00
Isoprothiolane	1800 l	\$15,390.00	\$3,138,300.00
Isoxaflutole	5544 kg	\$1,028,412.00	\$209,796,048.00
Metribuzin	90 kg	\$2,995.00	\$609,151.00
Metsulfuron	255 kg	\$12,100.00	\$2,468,612.00
Paraquat	185206 l	\$741,423.20	\$151,054,738.40
Sodium - Betazon	6 l	\$99.60	\$20,268.60
Terbutryn	8928 l	\$81,920.00	\$16,711,680.00

Figure 1 Shows Herbicides Imported for 2011



Insecticides Imports 2011

Common Name	Quantity	Cost US\$	Cost G\$
Abamectin	1814.5 l	\$29,475.35	\$6,013,801.65
Allethrin	120616 l	\$496,395.00	\$101,275,548.75
Alpha Cypermethrin	58234 l	\$299,409.60	\$61,059,502.50
Aluminium Phosphide	6780 kg	\$48,420.00	\$9,875,520.00
Ametryne, Atrazine	1200 l	\$7,200.00	\$1,468,800.00
Azoxystrobin	48 kg	\$5,760.00	\$1,175,040.00
B. Thruingiensis	65 kg	\$4,006.00	\$816,388.00
Bifenthrin	1682 l	\$7,992.16	\$1,630,400.64
Borax	1461 kg	\$3,345.60	\$682,502.40
Bromethalin	1320 kg	\$3,643.00	\$743,172.00
Carbaryl	2250 kg	\$21,225.00	\$4,335,206.25
Chlorfenapyr	184 kg	\$16,316.40	\$3,319,917.60
Chlorpyrifos	5281 l	\$37,047.43	\$7,561,141.67
Cyfluthrin	48724 l	\$221,526.10	\$45,178,536.28
Cypermethrin	3830 l	\$35,411.59	\$7,256,548.41
Deet	1595 l	\$4,414.00	\$900,456.00
Deltamethrin	24553 l	\$71,248.54	\$14,534,702.16
Diafenthion	2630 l	\$58,975.00	\$12,017,618.75
Dimethoate	310 l	\$2,316.40	\$470,881.70
Diuron	700 kg	\$7,000.00	\$1,424,500.00
Endosulfan	1008 l	\$8,064.00	\$1,645,056.00



Fenitrothion	504 l	\$4,233.60	\$863,654.40
Fipronil	3394 l	\$137,733.00	\$28,051,861.00
Fluazifop p butyl	500 l	\$9,250.00	\$1,887,000.00
Flubendamide	30 kg	\$10,512.00	\$2,133,936.00
Imidacloprid	8993 l	\$140,156.76	\$28,584,885.29
Lambda Cyhalothrin	8446 l	\$73,945.20	\$15,079,113.90
Malathion	7009 l	\$33,552.30	\$6,829,692.65
Methomyl	2854 l	\$30,659.44	\$6,244,432.58
Oxadiazinon	516 Lts	\$10,836.00	\$2,213,253.00
Oxamyl	270 l	\$3,582.00	\$728,937.00
Paraquat	2000 l	\$9,640.00	\$1,966,560.00
Pyrethrin	3410 kg	\$1,145.20	\$233,620.80
Pyrimiphos Methyl	120 l	\$2,476.80	\$505,886.40
Pyriproxifen	2.64 l	\$1,065.60	\$217,382.40
Spirotetramate	2 L	\$104.00	\$21,216.00
Tetramethrin	1642 l	\$39,713.76	\$8,101,607.04
Thiamethoxam	112 kg	\$4,816.60	\$982,586.40
Triazophos	2750 l	\$20,275.00	\$4,134,718.75

Figure 2 Shows Insecticides Imported for 2011



Fungicide Imports 2011

Common Name	Quantity	Cost US\$	Cost G\$
Boscalid/Pyraclostrobin	165 kg	\$20,312.00	\$4,131,299.00
Carbendazim	10400 l	\$60,130.00	\$12,272,423.76
Copper Hydroxide	1850 kg	\$22,803.20	\$4,642,893.20
Mancozeb / Dimethomorp	1359 kg	\$14,963.15	\$3,049,344.60
Propineb	2988 kg	\$25,680.40	\$5,238,801.60
Pyraclostrobin	175 kg	\$7,108.00	\$1,450,822.32
Pyrimethanil	5 kg	\$94.65	\$19,308.60
Spiroxamine	5 kg	\$64.55	\$13,168.20
Tebuconazole	5 kg	\$131.40	\$26,805.60
Thiophanate methyl	70 kg	\$6,105.50	\$1,241,161.00
Tolclofos methyl	115 kg	\$2,910.00	\$591,425.00
Trifloxystrobin & Propiconazole	2975 l	\$46,918.00	\$9,536,309.00

Figure 3 Shows Fungicides Imported for 2011

Rodenticides Import 2011

Common Name	Quantity	Cost US\$	Cost G\$
Brodifacoum	34365 kg	\$289,306.40	\$59,043,633.50
Bromadilione	144.48 kg	\$871.76	\$198,874.61
Difenacoum	44.8 kg	\$250.03	\$57,039.34
Flocoumafen	7700 kgs	\$59,980.00	\$11,638,165.00

Figure 4 Shows Rodenticides Imported for 2011

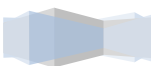


Table 1 Value of Importation for 2011

Pesticides	Total Cost Imported
Insecticides	\$392,165,584.37
Herbicides	\$756,580,372.92
Fungicides	\$42,213,761.88
Rodenticides	\$70,937,712.45
Total	\$1,261,897,429.00

AGRICULTURAL DIVERSIFICATION PROGRAM

The Board received a High Liquid Performance Chromatograph from the ASDU during the year in review and this equipment is aimed at enhancing the operations of the Pesticides Laboratory.

VENDING OF PESTICIDES AND TOXIC CHEMICALS

The Board certified one hundred and forty eight vending premises for the year. This represents an increase in the number of premises from the previous year by 13.

During the year under review there were forty one seizures of illegal and unlicensed chemicals from vending premises across the country. Most of seizures were based on unregistered or illegal chemicals being offered for sale. This is in keeping with the regulations of registering all products being offered for sale by pesticides vendors.

ACCOUNTS 2011

The Auditor General's Office completed their examination of the Board's Financial Statement for 2011, as required under Section 41 of the Pesticides and Toxic Chemicals Control Act and the Financial Management Act, and validated that the Financial Statements reflected fairly in all materials respects, that the financial position of the Board as at 31 December 2011, and its deficit for the year then ended, was in conformity with generally accepted accounting practices.



EXPENDITURE & ACCOUNTS 2011

The Board's proposed budget for 2011 was Fifty Two Million, Eight Hundred and Fifty One Thousand Dollars (\$52, 851,000.00). The accounts reflect an expenditure of Seventy Five Million, Eight Hundred and Seventeen thousand Dollars (\$ 75,817,000.00). The accounts represent an over expenditure of Twenty Two Million, Nine Hundred and sixty six Thousand Dollars (\$ 22,966,000.00) which was met from funds held by the Board and administrative fees collected during the period under review.

BUDGET 2012

The proposed budget of the Board for the year 2012 reflects a total expenditure of Seventy Three Million, One Hundred and Thirty Nine Thousand Dollars (\$ 73,139,000.00). The increase pertains to the functional operations of the pesticide laboratory in 2011, along with infrastructure development required for the Secretariat building. These two items are not covered among the contract document with the capital estimates.

WEBSITE

The Board's Website, <http://www.ptccb.org.gy> was remodeled during the year to make it more modern and user friendly. The Board continued to use the website as a means of spreading messages and providing relevant information for the general public.

ENFORCEMENT AND INSPECTION

Enforcement and Inspection activities of the Board continued throughout the period under review. A number of chemicals such as Carbendazim, Bravo, Regent, Admajor, Mosquito coils, Insect Repellent, and Glyfosan - were seized in throughout the year. However, most of these were in small quantities.

INDUSTRIAL DEVELOPMENT

The Guyana Sugar Corporation continued to request standard letters from the Board stating that pesticides supplied to the Corporation is registered or approved for use in Guyana. This measure was introduced in 2007, and continued in 2011 in keeping with the requirements of the Pesticides and Toxic Chemicals Control Regulation 2004 (No. 8 of 2004).



PROPOSED ACTIVITIES 2012

Some of the main activities proposed for this year are:

1. Registration of 64 pesticides for import, sale and use in Guyana
 - Reduction of dangers associated with these products to human health and environment
2. Licensing of 500 imports of pesticides and toxic chemicals
 - Approval of all chemicals imported, information gathering and availability as to quantities, names, types, targets pest etc.
3. Training and certification and Licensing of 16 Pest Control Operators
 - Ensuring use of household pest control products, use of registered operators, reduce use of agricultural pesticides in household pest control
4. Licensing of 145 pesticide vendors countrywide
 - Ensures availability of registered pesticides to farmers
5. Training and awareness programmes reaching 700 farmers and farm hands
6. Increase public awareness via newspaper, inews, website, newsletter
 - Benefit decrease in illegal trade and vending of household and agri. pesticides
7. Training of Extension agents and students from the Guyana School of Agriculture
8. 15 investigations relative to the misuse of pesticides
9. Training provided on the following area:
 - Pest and Disease Management;
 - Safe and Effective Use of Pesticides
 - Disposal and storage in Pesticides
10. The Pesticides and Toxic Chemicals Laboratory commenced analytical work on pesticides imported and used in Guyana.
 - The Pesticide Laboratory supports the Board in ensuring food safety in agriculture production
 - Verifies quality and types of pesticides used in agriculture
 - Instituting programmes to allow accreditation
11. In field sensitization technique for pesticide contamination. The Tracer Kit technology was demonstrated in field educating farmers on types and levels of pesticides contamination.
12. Development of National Implementation Plan (NIP) Project for the Stockholm Convention on Persistent Organic Pollutants (POPs) under the Global Environment Facility (GEF)
13. Development of semiannual news letter

KEY ISSUES AND CHALLENGES



The key issue facing the Board continues to be the implementation of the Pesticides and Toxic Chemicals Regulations with the major challenge being monitoring of the Regulations throughout Guyana. However the following issues are the main challenges facing Board in its quest for the management of pesticides and toxic chemicals in Guyana:

- **Illegal Chemicals** – Assistance of Berbice Anti Smuggling Squad is limited or mostly non-existent and they are failing to deliver on their mandate to reduce illegal entry of pesticides into Guyana. This illegal entry is also affecting the financial status of the Board and will eventually affect the standard of Guyana’s agriculture production and quality of agriculture produce.
- **Disposal of Containers** – The disposal of pesticide containers continue to be a problem especially with the limit on financial resources facing developing countries such as Guyana. A number of proposals are currently being examined for possibility of alleviating this problem.
- **Supply of consumables** – The process for the supply of consumables to the laboratory has proven to be very tedious and expensive because of the need for sourcing to be done through the suppliers of the Gas Chromatograph. The Board has moved to correct this situation by sourcing directly from suppliers in North America for cheaper and faster results.

FUTURE PLANS: 2012-2013 ONWARDS

One of the primary future plans of The Board remains the development of a comprehensive registration scheme and being able to provide the necessary infrastructure required for the establishment of appropriate educational, advisory, health-care and extension services aimed at enabling and exercising adequate control over quality, sale and usage of pesticides. The establishment of the fully functional Pesticide Laboratory would enhance the Board’s monitoring and enforcement capabilities, which would take Guyana’s agriculture to another level whereby (i) exports could be properly monitored for residues, and (ii) agriculture production will be more standardized with respect to pesticide usage.

CONCLUSION

An analysis of the activities of the Board for the period under review would demonstrate that, apart from the routine administrative and operational strategies, genuine and bold initiatives were employed towards achieving its mandatory objectives. While some of the targeted strategies are ongoing, it would be found that the Board’s Secretariat was efficient in carrying out its routine responsibilities, notwithstanding the stated constraints under which it functioned.

The Board will continue to work with the Ministry of Agriculture, sister Agencies and external stakeholders towards meeting its mandate under the Act and Regulations.

