

Importance of monitoring Methyl bromide fumigation activities



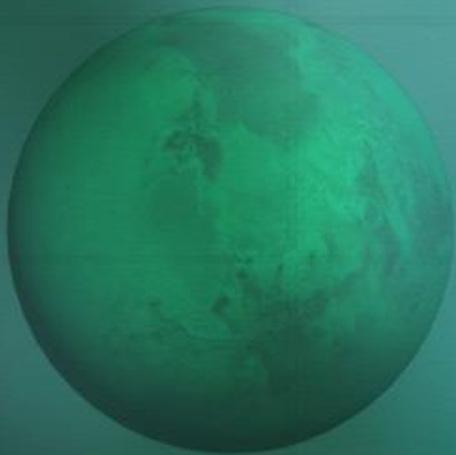
S. C. Wanigasuriya

Deputy Director

National Plant Quarantine Service

Introduction

- Methyl Bromide
 - Very efficient chemical agent use for many years to control pests (agricultural, stored material, buildings & soil etc.)
 - Ozone depleting substance
 - Restricted usage under Montreal protocol (Only for quarantine and pre shipment purposes)
 - Inappropriate usage is a problem



Overall responsibility of coordinating the monitoring of MeBr fumigation activities

has been entrusted to the Deputy Director of NPQS

by Director /SCPPC
letter no: SCPPC/AFAS/TECH 2012
dated 03.02.2012.

At Present

Overall responsibility of coordinating & supervision for
MeBr fumigation

Comes under DD/ NPQS



Road to success

We started the activities in March 2012

Up-to-date there were different changes

Changes to a proper request format

Organized monitoring process

NEW !!!!!

In the future our registered clients will get the chance of sending electronic requests

Automation of the process will enhance the efficiency in issuing permission for MeBr fumigation

Organizational structure

Director General of Agriculture (Dept. Of Agriculture)

Director (Seed Certification and Plant protection)

Deputy Director (National Plant Quarantine Service)

Five division s of the NPQS

PQS, Seaport

PQS, Airport

PQS, Gannoruwa

Divisions of NPQS

Deputy Director NPQS

PQ Operation Division

Entomology and Nematology Division

Plant Pathology Division

Weed Science Division

PQ Treatment Division



At present mediation of overall process of fumigation activities is a responsibility of the Treatment technology division



Why do we need monitoring for MeBr Fumigation activities ??????

We carried out a survey/ analysis using the information in

- requests made by exporters
- RP-8 forms of treatment providers
- National Economic statistics
- Personal communication with clients (treatment providers and exporters)

Following are the outcomes

We Observed the
following problems



1

Use of over/ under dosages compared to the required dose stated in RP-08 form.

- Over dosage
 - No use, Just you have to pay more
- Under dosage
 - Development of pest resistance against the chemical.
 - Lower dosages do not fulfill expected outcome

Both the situations are not economically viable

2 Monitoring encourages

- The fumigation process to be carried out in proper manner
- Widen the sanitary conditions of the export commodity
- Enhanced the quality of the export consignments
- Favorable for expansion of the export market
- Increases popularity of Sri Lankan exports

3 According to the Montreal protocol

- Use of MeBr recommended only for quarantine and pre - shipment processes.
- If proof - documents do not tally with the actual MeBr usage there is a chance of a banning MeBr usage for quarantine purpose also.
- Will affect export market
(Especially exports to Australia and Newzealand where MeBr fumigation is a mandatory requirement)

Finally

The entire process of monitoring will:

Economically advantageous to you

Will certify the sustainability of the environment

Overall advantage to the country and your future generation



THANK YOU

