



Current situation of Neonicotinoids in Uganda

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1



Ministry of Agriculture, Animal Industry and Fisheries



- 4 Directorates
 - Directorate of Crop Resources
 - Directorate of Animal Resources
 - Directorate of Fisheries
 - Directorate of Agricultural Extension Services
- 6 Agencies



Cotton Development
Organisation (CDO)



Dairy Development
Authority (DDA)



National Animal Genetics
Resources Centre & Data Bank



National Agricultural
Advisory Services (NAADS)



Uganda Coffee Development
Authority (UCDA)



National Agricultural
Research Organisation (NARO)

2



Mandate

Oversee, guide and coordinate agricultural research

Vision

A competitive society supported by a dynamic agricultural research innovation system

Mission

To innovate for sustainable agricultural transformation



1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION 	7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES 				12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE AND JUSTICE STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS

THE GLOBAL GOALS
For Sustainable Development



Levels of pesticide handling and management

- Ministry of Agriculture Animal Industry and Fisheries (MAAIF)
 - Directorate of Crop protection
 - Directorate of animal resources (Entomology Department)
- Ministry of Health
 - Vector Control Division
- National Environment Management Authority (NEMA)
- National Drug Authority (NDA)
- Agriculture police unit
- Uganda National Bureau of Standards (UNBS)



Armyworm: Govt advises farmers on pesticides

Wednesday April 19 2017

By PAUL TAJUBA

Kampala.

Government has asked farmers to stick to recommended guidelines of using pesticides to fight the fall armyworm to avoid a looming agricultural produce export ban on the country.

Mr Christopher Kibanzanga, the State minister for Agriculture, said yesterday that government is doing everything possible to contain the crop-destroying pests that threaten the livelihoods of more than 80 per cent of Ugandans who depend on agriculture.

To control the pest, Mr Okaasai Opolot, the director for crop resources at the Ministry of Agriculture, says the only available means of fighting the marauding worms now is by **spraying the affected gardens with two tested pesticides types; Striker 247 SC and Rockett 44EC.**



By AFP

Added 27th July 2016 12:19 PM

Previous studies have found neonicotinoids can cause bees to become disorientated.

Pesticides diminish bee sperm – study



Neonicotinoid pesticides being used in Uganda

- **Limited information available**
- **Thiamethoxam:** Is being used in the control of FAW and Fruit flies
- **Imidacloprid:** used to control sucking insects, termites, some soil insects, and fleas on pets. Mostly used on crops such as Cereals, maize, rice, tobacco
- **Acetamiprid:** used to control sucking insects on crops such as Cotton, fruits, vegetables



Crops mainly sprayed

- Maize, millet and shorgum – FAW
- Mangoes, oranges and citrus – Fruit flies
- Vegetables – sucking and biting insects
- Ground nuts – Aphids
- Beans



Other applications

- Livestock - Dipteran biting flies (tsetse flies, Tabanads, etc)
 - Tick control
- Human health – Mosquitoes, cockroaches, bedbugs, etc
- Forestry – Termites, etc



Challenges

- Quack suppliers
- Limited knowledge of the pesticides
- Poor handling and usage of pesticides e.g. tank mixing, rotational application
- Resistance
- Effects on non target organisms
- Wash off/over to water bodies
- Residue in plant and animal products



What needs to be done

- Registration of dealers, commercial applicators, fumigators and premises;
- Sensitization/training and education of dealers and users;
- Import control
- Compliance monitoring and inspection at various points ;
- Quality assurance at point of entry, distribution systems etc
- Surveillance and enforcement.
- Conduct research on the available pesticides, their applications and impact on the ecosystem (Environment and products)



Thank you

