

# BIOSECURITY HAZARD INCIDENT RESPONSES

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**2021/2022 SNAPSHOT**

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# INTRODUCTION

Welcome to the NSW Department of Primary Industries (NSW DPI) biosecurity hazard incident response performance snapshot for 2021/2022. NSW DPI has received over 2,000 biosecurity notifications during this reporting period, and this snapshot provides a high-level overview of the activities undertaken.

With the outbreak of diseases such as Foot and Mouth Disease and Lumpy Skin Disease in Indonesia, and Japanese Encephalitis (JEV) and Varroa mite emergency responses undertaken in NSW, it has never been more important to protect the \$20.9 billion primary industries sector.

In June, the NSW Government announced a record \$163.9 million in the 2022-23 NSW Budget to invest in active surveillance, rapid diagnostics and effective traceability systems to monitor, track and respond to any biosecurity threats.

DPI staff, including staff from DPI Biosecurity and Food Safety have responded to floods, JEV and Varroa mite during 2021/22. Almost 50 DPI staff were part of the JEV response, and to date 364 DPI staff have been part of the Varroa mite response.

In 2021/22, NSW DPI investigated 1,415 reported biosecurity threats and mounted 30 emergency responses to biosecurity incidents.

**John Tracey**  
**Deputy Director General**  
**Biosecurity and Food Safety**

**NSW DPI BIOSECURITY  
AND FOOD SAFETY  
UNDERTAKES  
SURVEILLANCE AND  
RESPONSE IN  
FOUR KEY AREAS:**

- 1. ANIMAL BIOSECURITY**
- 2. AQUATIC BIOSECURITY**
- 3. INVASIVE PLANTS AND ANIMALS (INCLUDING LOCUSTS)**
- 4. PLANT BIOSECURITY**

# SNAPSHOT BY NUMBERS

**1,415**

Number of reports investigated

**30**

Number of responses mounted

**\$20.9B**

Value of NSW primary industries protected

**2,220**

Number of notifications

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*Industry fully supports the eradication efforts and appreciates the professionalism and commitment of DPI's incident management team.*

**DANNY LE FEUVRE,  
AUSTRALIAN HONEY BEE INDUSTRY COUNCIL**

**NSWDPI VARROA MITE EMERGENCY RESPONSE**

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# BIOSECURITY HAZARD INCIDENT RESPONSES

## INVASIVE PLANTS AND ANIMALS

HAZARD TYPE	BIOSECURITY MATTER/CARRIER	LLS REGION	THREAT LEVEL
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM (FROGBIT)	NORTH COAST	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM (FROGBIT)	HUNTER	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM (FROGBIT)	NORTH COAST	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM (FROGBIT)	NORTH COAST	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM (FROGBIT)	NORTH COAST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS (PARTHENIUM)	NORTH WEST	MEDIUM THREAT
INVASIVE PEST PLANT	HIERACIUM AURANTIACUM (ORANGE HAWKWEED)	SOUTH EAST	LOW THREAT
INVASIVE PEST PLANT	HIERACIUM AURANTIACUM (ORANGE HAWKWEED)	SOUTH EAST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS (PARTHENIUM)	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM (FROGBIT)	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM (FROGBIT)	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM (FROGBIT)	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM (FROGBIT)	GREATER SYDNEY	LOW THREAT
INVASIVE PEST ANIMAL	ANOPLOLEPIS GRACILIPES (YELLOW CRAZY ANT)	NORTH COAST	MEDIUM THREAT

Note: NSW DPI continues to lead the biosecurity response to environmental invasive species for NSW. The priority pest and weed lists are composed of species that are predominantly environmental threats. These response activities, apart from parthenium weed, have been largely focused on environmental threats.

# BIOSECURITY HAZARD INCIDENT RESPONSES

## PLANT BIOSECURITY

HAZARD TYPE	BIOSECURITY MATTER/CARRIER	LLS REGION	THREAT LEVEL
PLANT PEST	TROGODERMA GRANARIUM	GREATER SYDNEY	NATIONAL RESPONSE
PLANT PEST	TROGODERMA GRANARIUM	CENTRAL WEST	LOW THREAT
PLANT PEST	TROGODERMA GRANARIUM	NORTH COAST	LOW THREAT
PLANT PEST	EUWALLACEA FORNICATUS	GREATER SYDNEY	LOW THREAT
PLANT PEST	EUWALLACEA FORNICATUS	GREATER SYDNEY	LOW THREAT
PLANT PEST	SPODOPTERA FRUGIPERDA	NSW (ALL REGIONS)	NATIONAL RESPONSE
PLANT PEST	CRYPTOTERMES BREVIS	GREATER SYDNEY	LOW THREAT
PLANT PEST	CRYPTOTERMES BREVIS	GREATER SYDNEY	LOW THREAT
PLANT PEST	VARROA MITE (DESTRUCTOR)	HUNTER	HIGH THREAT

# BIOSECURITY HAZARD INCIDENT RESPONSES

## ANIMAL BIOSECURITY

HAZARD TYPE	BIOSECURITY MATTER/CARRIER	LLS REGION	THREAT LEVEL
ANIMAL DISEASE	WEST NILE VIRUS (KUNJIN STRAIN)	HUNTER	LOW THREAT
ANIMAL DISEASE	WEST NILE VIRUS (KUNJIN STRAIN)	RIVERINA	LOW THREAT
ANIMAL DISEASE	TICK FEVER - CATTLE	NORTH COAST	LOW THREAT
ANIMAL DISEASE	JAPANESE ENCEPHALITIS	CENTRAL WEST, MURRAY, RIVERINA	NATIONAL RESPONSE

## AQUATIC BIOSECURITY

HAZARD TYPE	BIOSECURITY MATTER/CARRIER	LLS REGION	THREAT LEVEL
AQUATIC DISEASE	QX DISEASE - OYSTERS	HUNTER	LOW THREAT
AQUATIC DISEASE	QX DISEASE - OYSTERS	HUNTER	LOW THREAT
AQUATIC DISEASE	INFECTIOUS SPLEEN AND KIDNEY NECROSIS VIRUS-LIKE VIRUSES (ISKNV)	GREATER SYDNEY	MED THREAT

# ABOUT US

NSW DPI plays an important role in ensuring the legislative and policy settings are right to support best practice management of biosecurity risks. We work with other jurisdictions to prevent, prepare for, respond to and recover from biosecurity incursions and incidents.

We work alongside our local delivery partner, Local Land Services and industry to educate the community, land managers and other stakeholders about how to achieve good biosecurity outcomes and manage and mitigate pests, diseases and weeds.

We develop statewide strategies and tools to help people manage their biosecurity risks and support compliance and enforcement activities.

NSW DPI has world-class diagnostic services and research facilities and leads research and development programs to improve our biosecurity outcomes.

We are also the combat agency for biosecurity emergencies in the state.

**NSW DEPARTMENT OF PRIMARY INDUSTRIES  
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