



Department of
Primary Industries

BIOSECURITY HAZARD INCIDENT RESPONSES

2020/2021 SNAPSHOT

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INTRODUCTION

I am pleased to present the NSW Department of Primary Industries (NSW DPI) biosecurity hazard incident response performance snapshot. This is a high-level overview of the activities undertaken in the 2020/21 financial year, indicating the NSW DPI response to various biosecurity hazards.

As NSW continues to recover from one of the most severe droughts on record it has never been more important to protect the \$15.7 billion primary industries sector and the \$5.1 billion NSW produce export market from biosecurity threats. NSW DPI Biosecurity and Food Safety undertakes surveillance and response in four key areas:

- Animal Biosecurity
- Aquatic Biosecurity
- Invasive Plants and Animals (including locusts)
- Plant Biosecurity

Throughout 2020/21, Invasive Plants and Animals and Animal Biosecurity remained the two areas with the highest number of incident responses. While preparation for a more active locust season continues with some increasing activity, there were no incidents related to locusts. Plant Biosecurity was also involved in an increasing number of responses of state and national significance.

The impact of COVID-19 in NSW continued to affect staff across NSW DPI, and in Local Land Services (LLS). In addition to our biosecurity responses, NSW DPI and LLS assisted the NSW Health Covid-19 operations by providing hundreds of staff to help in contact tracing activities.

In 2020/21 NSW DPI investigated 1,140 reported biosecurity threats and mounted 55 emergency responses to biosecurity incidents, including four national responses.

John Tracey
Deputy Director General
Biosecurity and Food Safety

SNAPSHOT BY NUMBERS

1,140

Number of reports
investigated

55

Number of responses
mounted

\$15.7B

Value of NSW primary
industries protected

\$5.1B

Value of NSW primary
industries exports

BIOSECURITY HAZARD INCIDENT RESPONSES

INVASIVE PLANTS AND ANIMALS

HAZARD TYPE	BIOSECURITY MATTER/CARRIER	LLS REGION	THREAT LEVEL
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH COAST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	NORTH COAST	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	GREATER SYDNEY	LOW THREAT
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INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH COAST	LOW THREAT
INVASIVE PEST PLANT	CRYPTOSTEGIA GRANDIFLORA	WESTERN	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	CRYPTOSTEGIA GRANDIFLORA	WESTERN	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTHERN TABLELANDS	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	CRYPTOSTEGIA GRANDIFLORA	WESTERN	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	SOUTH EAST	LOW THREAT
INVASIVE PEST PLANT	NASSELLA TENUISSIMA	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW 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

INVASIVE PLANTS AND ANIMALS

HAZARD TYPE	BIOSECURITY MATTER/CARRIER	LLS REGION	THREAT LEVEL
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	NORTH COAST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	SOUTH EAST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	MICONIA CALVSCENS	NORTH COAST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	CENTRAL WEST	LOW THREAT
INVASIVE PEST PLANT	PARTHENIUM HYSTEROPHORUS	NORTH WEST	LOW THREAT
INVASIVE PEST PLANT	LIMNOBIUM LAEVIGATUM	GREATER SYDNEY	LOW THREAT
INVASIVE PEST PLANT	MICONIA CALVSCENS	NORTH COAST	LOW 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 DISEASE	SEIMATOSPORIUM VITIS	SOUTH EAST	LOW THREAT
PLANT DISEASE	FUSARIUM COMMUNE	RIVERINA	LOW THREAT
PLANT DISEASE	PANTOEA AGGLOMERANS	NORTH COAST	LOW THREAT
PLANT DISEASE	ANTHRENUS VERBASCI	RIVERINA	LOW THREAT
PLANT PEST	TROGODERMA GRANARIUM	CENTRAL TABLELANDS	LOW THREAT
PLANT PEST	CRYPTOTERMES BREVIS	GREATER SYDNEY	LOW THREAT
PLANT PEST	CRYPTOTERMES BREVIS	GREATER SYDNEY	LOW THREAT
PLANT PEST	TROGODERMA GRANARIUM	CENTRAL WEST	NATIONAL RESPONSE
PLANT PEST	SPODOPTERA FRUGIPERDA	GREATER SYDNEY	NATIONAL RESPONSE
		CENTRAL TABLELANDS	
		CENTRAL WEST	
		GREATER SYDNEY	
		HUNTER	
		MURRAY	
		NORTH COAST	
		NORTH WEST	
		NORTHERN TABLELANDS	
		RIVERINA	
		SOUTH EAST	
		WESTERN	
PLANT PEST	LIRIOMYZA HUIDOBRENSIS	CENTRAL TABLELANDS	NATIONAL RESPONSE
		GREATER SYDNEY	
PLANT PEST	TROGODERMA GRANARIUM	SOUTH EAST	NATIONAL RESPONSE
		GREATER SYDNEY	

BIOSECURITY HAZARD INCIDENT RESPONSES

ANIMAL BIOSECURITY

HAZARD TYPE	BIOSECURITY MATTER/CARRIER	LLS REGION	THREAT LEVEL
ANIMAL DISEASE	TICK FEVER - CATTLE	NORTH COAST	LOW THREAT
ANIMAL DISEASE	EHRlichia CANIS	GREATER SYDNEY	LOW THREAT
		SOUTH EAST	
ANIMAL DISEASE	TICK FEVER - CATTLE	NORTH COAST	LOW THREAT
ANIMAL DISEASE	ANTHRAX- SHEEP	CENTRAL WEST	LOW THREAT
ANIMAL DISEASE	CLOSTRIDIUM BOTULINUM	SOUTH EAST	LOW THREAT
ANIMAL DISEASE	B SUIS - BACKYARD PIGS	GREATER SYDNEY	MED THREAT

AQUATIC BIOSECURITY

HAZARD TYPE	BIOSECURITY MATTER/CARRIER	LLS REGION	THREAT LEVEL
AQUATIC DISEASE	QX DISEASE - OYSTERS	NORTH COAST	LOW THREAT
AQUATIC DISEASE	MEGALOCYTIVIRUS - ORNAMENTAL FISH	GREATER SYDNEY	MED THREAT
AQUATIC DISEASE	ABALONE HERPES VIRUS	GREATER SYDNEY	HIGH THREAT

ABOUT US

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