KiwiNet

KIWINET HANDBOOK

PROTECTING THE NEW ZEALAND KIWIFRUIT INDUSTRY FROM ITS **MOST UNWANTED**

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This handbook has been developed as a resource for KiwiNet Members and KiwiNet Coordinators.

It is designed to provide biosecurity information to help you better understand, and champion, biosecurity readiness across respective organisations.

KiwiNet Coordinators may be called upon to help out in a biosecurity response and you need to know what will be required of you. This handbook includes useful resources to give you the support you need.

This handbook covers:

- **What is KiwiNet?** The purpose of KiwiNet and the roles of individuals on the team.
- **What is readiness?** Understanding the components of readiness needed to minimise the impact of any biosecurity incursion.
- **What is response?** Understanding the biosecurity response structure and what will be required of the KiwiNet team in the event of a response.
- **Further resources.** Additional resources to support the KiwiNet team.

This handbook is also available to view and download on the KVH website at **www.kvh.org.nz**.

If you have any questions please contact the KVH team on 0800 665 825 or email **info@kvh.org.nz**

1. What is KiwiNet?

KVH manages the wider biosecurity readiness response and operational role on behalf of the kiwifruit industry. This role is about making sure we understand the high-risk pests and diseases that potentially threaten our industry, work with government border agencies and other horticultural industry groups to keep these out, and ensure we are well prepared should they arrive.

Our focus is to strengthen awareness and preparedness for future biosecurity incursions, and KiwiNet is one of the key ways we do this.

KiwiNet is all about sharing information related to current biosecurity threats and our ability to respond to these threats should they reach our shores, so that as an industry we are ready for the next biosecurity incursion and able to minimise impacts.

Whether the incursion is one of our Kiwifruit's Most Unwanted or another damaging pest or disease, we need to have taken all reasonable steps ahead of time to detect it early and have plans in place to minimise its risk of spread.

Preparedness requires effort across the whole kiwifruit industry. Everyone in KiwiNet has a role to play, whether that is working to raise awareness amongst organisations and growers, working in operational response teams, responding to market access requirements, engaging with the public and media, or delivering grower support.

Since 2012 KVH has been mandated by the kiwifruit industry to lead preparedness and response activities for biosecurity issues. We've become part of the Government Industry Agreement for Biosecurity Readiness and Response (GIA), meaning we work in partnership with other GIA signatories including the Ministry for Primary Industries (MPI) on behalf of government, to agree on priority pests and diseases of concern that affect the wider horticultural industry, and how we will manage a response if there's an incursion.

What is the purpose of KiwiNet?
The purpose of KiwiNet is to provide up to date information to members to support their role in championing biosecurity readiness across their organisation and with their grower clients.

In the event of a biosecurity incursion KiwiNet will coordinate deployment of resources into a response.

Who is part of KiwiNet?
KiwiNet Members are key points of contact within each kiwifruit industry organisation who champion readiness. KiwiNet Coordinators are part of the group too – they make sure the right resources are deployed from their organisation to help during a response.

KVH established KiwiNet in December 2014 as part of the industry's commitment to readiness and response planning under GIA.

Key KiwiNet roles

Role	Contact
KiwiNet Team Leader: Leads the team and coordinates overall readiness activities	Matt Dyck: matt.dyck@kvh.org.nz or 027 838 7129 Erin Lane: erin.lane@kvh.org.nz or 027 277 0217
KiwiNet Members: Champion readiness within their organisation	List maintained by KVH. KiwiNet Members must advise any personnel change to KVH on 0800 665 825
KiwiNet Coordinators: Coordinate deployment of resources from within their organisation into a response	List maintained by KVH. KiwiNet Coordinators must advise any personal change to KVH on 0800 665 825
KiwiNet Deployment Assistant: Assists coordinating kiwifruit industry resource deployments in liaison with the Communications Coordinator	Karyn Lowry: karyn.lowry@kvh.org.nz or 027 227 1157 Linda Peacock: linda.peacock@kvh.org.nz or 027 475 2909
KiwiNet Communications Coordinator: Coordinates industry and response messages, and liaises with MPI to communicate deployment requirements in to responses	Lisa Gibbison: lisa.gibbison@kvh.org.nz or 022 025 4724

Meetings and communication
- KiwiNet meets at least twice a year. Meeting minutes are distributed afterwards and presentations from meetings are published on the KVH website.
- KVH provides regular communications to KiwiNet via the KVH Bulletin, KVH Snapshot, podcasts and other messaging.
- KVH provides KiwiNet Coordinators with early notification of any biosecurity response.

KiwiNet Members role description
Role purpose
The purpose of the KiwiNet Members role is to champion biosecurity readiness within your organisation.

Championing biosecurity readiness across your organisation and with your growers involves:
- promoting uptake of good biosecurity practices
- promoting awareness of kiwifruit biosecurity risks including Kiwifruit's Most Unwanted
- understanding what to look for and what to do if someone reports to you a potential exotic pest or disease
- promoting familiarity with industry readiness plans
- taking part in regular KiwiNet meetings

- actively distributing biosecurity messages throughout your organisation and to your grower clients.

KiwiNet Coordinators role description
Role purpose
The purpose of the KiwiNet Cordinator role is to coordinate deployment of resources into biosecurity responses.

This involves:
- ensuring your organisation provides a contact point (plus a back-up) for KVH in the event of an incursion
- identifying biosecurity readiness and response capability that exists within your organisation and communicating that information to KVH
- being able to deploy capability rapidly
- monitoring welfare and performance of staff from your organisation deployed into responses
- ensuring the correct financial systems are in place for KVH reimbursement to your organisation after staff have been deployed to a response
- ensuring Health and Safety requirements are met.

2. What is readiness?

Readiness is about minimising the impact of a biosecurity incursion. It means being prepared and ready to respond quickly by having plans in place that are explicit about the roles and responsibilities of all parties.

The kiwifruit industry is best placed to understand what pests and diseases present the biggest risks – and the industry has the strongest incentives to find out about them. Once the industry is informed it is in a far better position to work with MPI to ensure MPI is doing all it can with pre-border and border measures to keep them out, and create preparedness plans should they still manage to get in.

Sapere Report October 2014

Readiness plans
Readiness plans have been developed for a number of high-risk pests and diseases**.** These document the current status of readiness and identify areas for improvement, and have been developed by KVH in conjunction with other GIA partners and MPI.

They also identify the key areas that need to be considered when making strategic and operational decisions during a response.

Content in readiness plans includes:
- hazard identification (organism description, distribution and host range)
- current status of readiness activities
- control options
- level of capability required in a response
- summary of potential areas for improvement and workplan.

Readiness information has so far been developed for**:**
- Fruit flies (Mediterranean, Oriental and Queensland)
- BMSB (Brown Marmorated Stink Bug) - Incursion
- BMSB (Brown Marmorated Stink Bug) - Long term management
- *Ceratocystis fimbriata*

How can we get ready?
Members of the kiwifruit industry are best placed to notice unusual symptoms. By having an alert industry we are better placed for early detection of new pests and diseases. The kiwifruit industry should be aware of, and be able to recognise, organisms on our Kiwifruit's Most Unwanted list (there are also detailed fact sheets and images of all potential offshore risks available on the KVH website).

While these organisms are considered the greatest potential threats to the kiwifruit industry, the next incursion we face could be another damaging pest or disease not yet on our radar. This could include organisms not previously identified, or not previously associated with kiwifruit. Look out for plants displaying any unusual symptoms and pests not commonly seen or identifiable to monitoring staff. Report any unusual symptoms or pests to KVH on 0800 665 825.

Everyone in the kiwifruit industry has a role to play in protecting New Zealand from biosecurity threats and KiwiNet Members are key to encouraging growers to protect their investment, OGR, and community.

Assessing deployment capability
As an industry we need to access and deploy suitable personnel into a response. To achieve this we need to understand the existing capability within our industry and identify areas that need to be developed. KiwiNet Coordinators have a role identifying capability resources within each of their organisations.

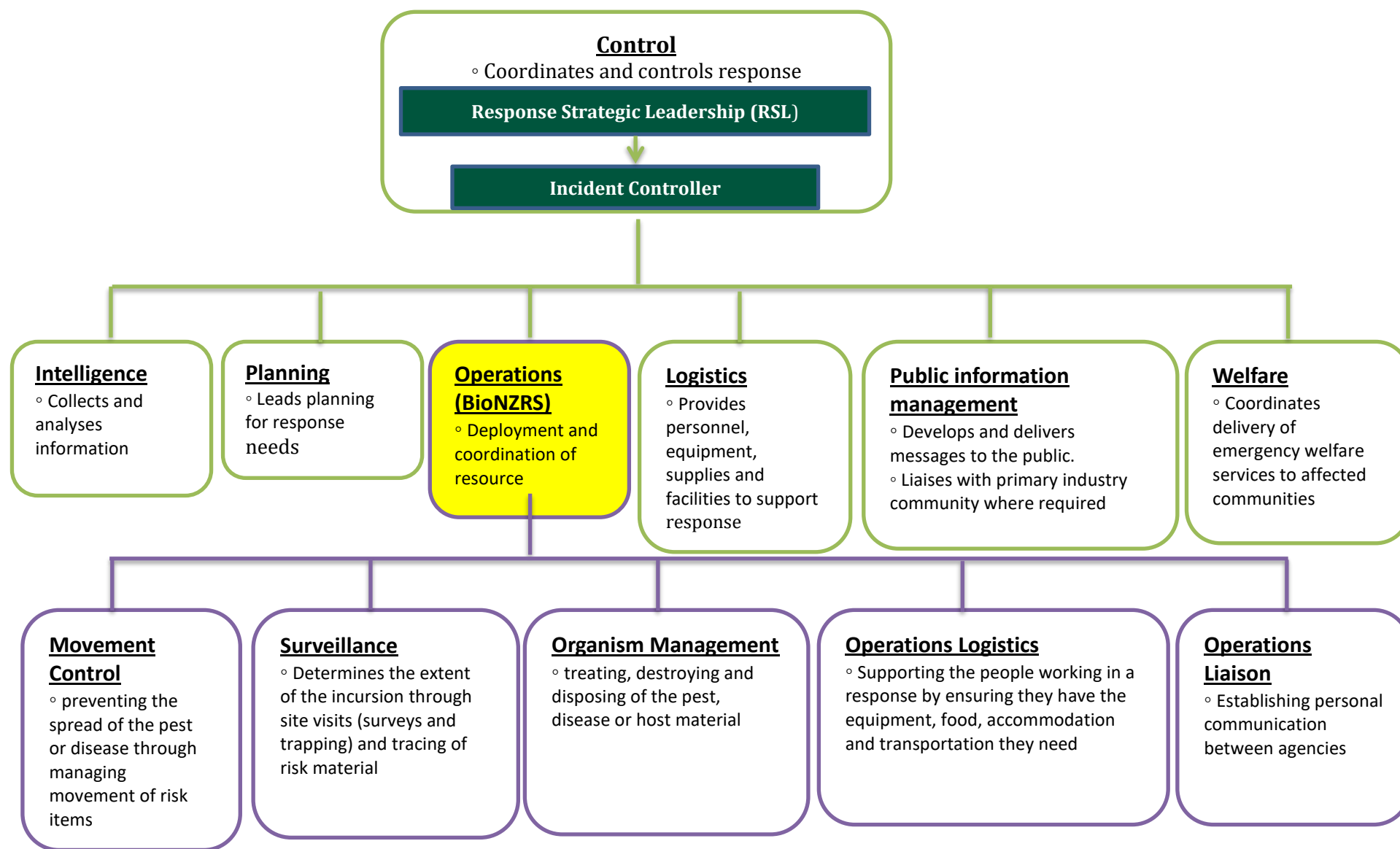**What types of capability are we likely to deploy?**
MPI adopt a Coordinated Incident Management System (CIMS) model to manage responses. The structure and workstreams within this model are represented in the diagram on the following page.

GIA signatories such as KVH will be involved in the control of the response and have a representative on the Response Strategic Leadership (RSL) team. KVH will also deploy capability into other workstreams.

Operational activities are managed through networks and field teams who are part of the Biosecurity New Zealand Response Services (BioNZRS) Panel. This Panel of biosecurity service providers gives access to a range of providers with diverse skills and knowledge that will provide capability and capacity for biosecurity readiness, response, and pest management.

Industry deployments will generally be into the Operations area – Surveillance, Movement Control and Organism Management. Role cards have been developed to assist KiwNet Coordinators with identifying appropriate people for the roles in each of these areas.

Diagram 1 : The Coordinated Incident Management System (CIMS) structure for responses under GIA

Control
◦ Coordinates and controls response

Response Strategic Leadership (RSL)

Incident Controller

Intelligence
◦ Collects and analyses information

Planning
◦ Leads planning for response needs

Operations (BioNZRS)
◦ Deployment and coordination of resource

Logistics
◦ Provides personnel, equipment, supplies and facilities to support response

Public information management
◦ Develops and delivers messages to the public.
◦ Liaises with primary industry community where required

Welfare
◦ Coordinates delivery of emergency welfare services to affected communities

Movement Control
◦ preventing the spread of the pest or disease through managing movement of risk items

Surveillance
◦ Determines the extent of the incursion through site visits (surveys and trapping) and tracing of risk material

Organism Management
◦ treating, destroying and disposing of the pest, disease or host material

Operations Logistics
◦ Supporting the people working in a response by ensuring they have the equipment, food, accommodation and transportation they need

Operations Liaison
◦ Establishing personal communication between agencies
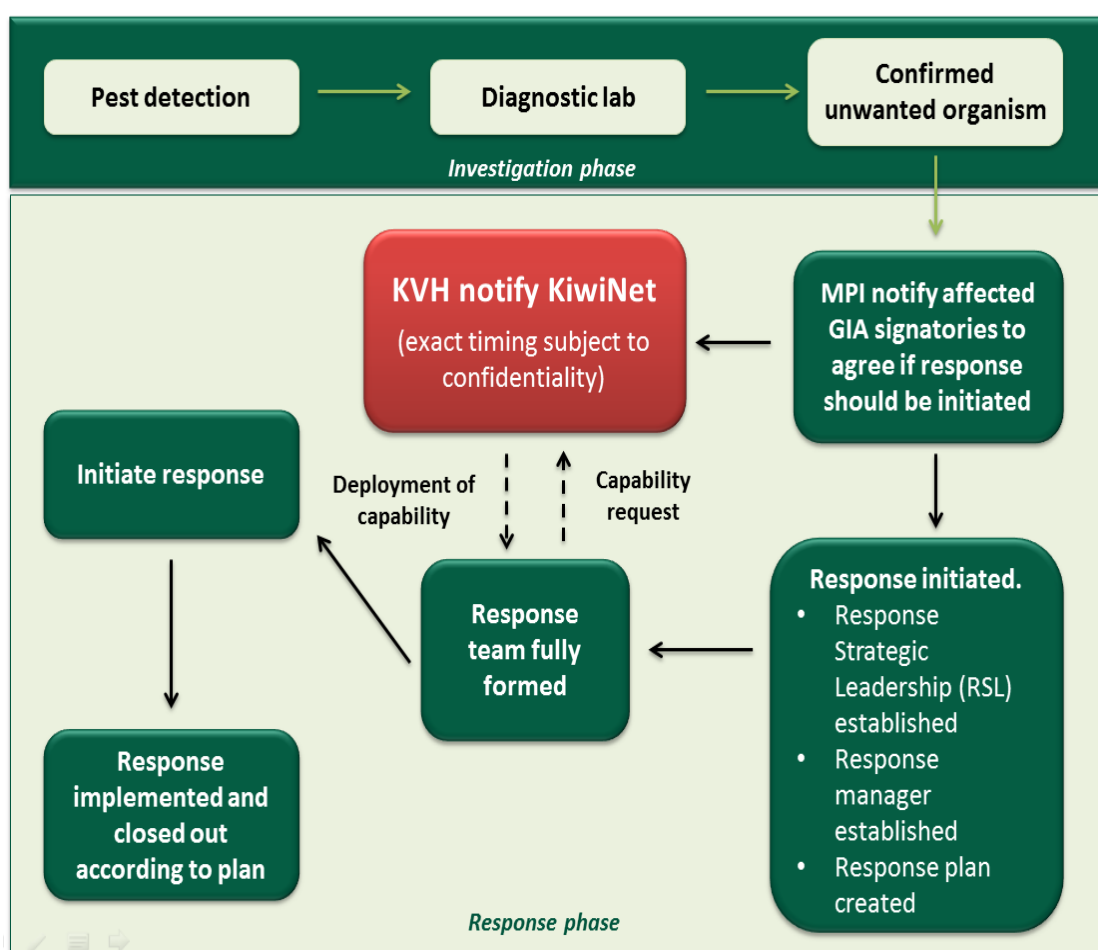
3. What is a response?

Diagram 2 below indicates the sequence of events that result in a response being initiated.

If a biosecurity threat is found that could potentially impact the kiwifruit industry, KVH will be consulted as a GIA signatory in the decision to respond.

KiwiNet members and coordinators will be notifed by KVH as soon as possible after the launch of the response.

During the response, the kiwifruit industry works as one to deploy capability and participate in planning and implementing activities.

Diagram 2: The process from first detection to response

Industry roles in response

All parts of the kiwifruit industry are likely to be involved in a significant reponse and different organisations will lead specific aspects of the response.

KVH leads contribution to organism readiness and response – meaning we respond to eradicate or control the organism that has breached New Zealand's borders. KVH also provides overall engagement with government as well as management of communications and media engagement during a biosecurity response.

Zespri leads contribution to trade response and readiness - supporting MPI-led market access negotiations and leading industry compliance with the requirements of importing countries.

NZKGI leads grower support - ensuring support systems for affected growers are put in place, and growers are aware of how to access this support.

What do KiwiNet Coordinators need to do during a response?
- Dial in to KiwiNet conference calls which will outline the nature of the biosecurity incursion and indicate the likely needs of the response.
- Provide information as requested about appropriate resources available from your organisation.
- Work with the KiwNet Communications Coodinator to deploy staff and ensure they have the information they need.
- Monitor the welfare and performance of staff from your organisation deployed into the response.
- Ensure financial arrangements are in place within your organisation for reimbursement of expenses.

4. Further resources

Resources to support KiwiNet Members and Coordinators in their role will be added as they are developed. Currently these include:

Kiwinet Members
- KVH Bulletin, KVH Snapshot, podcasts etc
- Posters, fridge magnets, orchard signs, pest calendars
- On-orchard and community biosecurity booklets
- KiwiNet meeting presentations
- Potential threats to the kiwifruit industry
- Unusual symptoms

Kiwinet Coordinators
- Conference call templates
- Financial process for deployment expenses reimbursement
- GIA information
- Information for KiwiNet responders
- Readiness information
    - Fruit flies (Mediterranean, Oriental and Queensland)
    - BMSB (Brown Marmorated Stink Bug) - Incursion
    - BMSB (Brown Marmorated Stink Bug) – Long term management
    - *Ceratocystis fimbriata*
    - KiwiNet 72 hour plan
- Role cards

YOU HAVE THE POWER TO PROTECT YOUR LIVELIHOOOD

Kiwifruit biosecurity threats could affect... Orchard Gate Return • Jobs • Community

THE NEXT BIG THREAT COULD BE HERE, **UNDETECTED AND SPREADING.**

IT MIGHT ALREADY BE **ON YOUR DOORSTEP.**

YOUR LIVELIHOOD IS AT **CONSTANT RISK.**

5 steps to protect your investment

1. UNDERSTAND YOUR RISKS

What pests and diseases could arrive from offshore?
- What is happening in my local area?
- How might these enter my orchard? (Who and what enters my orchard that might bring these in?)

2. AGREE WHAT MUST HAPPEN ON SITE

- Share knowledge with staff and contractors.
- Agree requirements and ensure that they are met.

3. SOURCE AND TRACE CLEAN PLANT MATERIAL

- Rootstock, budwood, pollen, shelter and compost.
- Kiwifruit Plant Certification Scheme (KPCS) certification is mandatory for sourcing rootstock.
- Keep tracing records updated.

4. CHECK AND CLEAN

- Consider the risk from: tools, vehicles and machinery, harvest bins, people, clothing.
- Ensure everything coming across your boundary is free from soil and plant material.
- Sanitise highest-risk items.
- Clean tools at least between rows.

5. REPORT THE UNUSUAL

CATCH IT **SNAP IT** **REPORT IT**

CALL KVH **0800 665 825**
OR MPI **0800 80 99 66**

Create your own orchard biosecurity plan with the detailed 5 step Kiwifruit Growers Biosecurity Guidelines available from KVH.

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THIS IS US BIOSECURITY 2025

KVH