KVH
KIWIFRUITVINEHEALTH

Our Biosecurity risks and what GIA means for the Kiwifruit industry

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What do we need our biosecurity program to achieve?

- Stopping all risks arriving in NZ…..?
  - Not physically or technically possible
- Keeping significant risks out of NZ….?
  - This must be the objective, but is not always going to be achieved, and we don't always know what is significant?
- Doing everything we can to keep significant risks out of NZ while at same time being fully prepared to immediately respond to eradicate new serious risks if they do arrive
  - Most realistic goal and KVH's focus into future

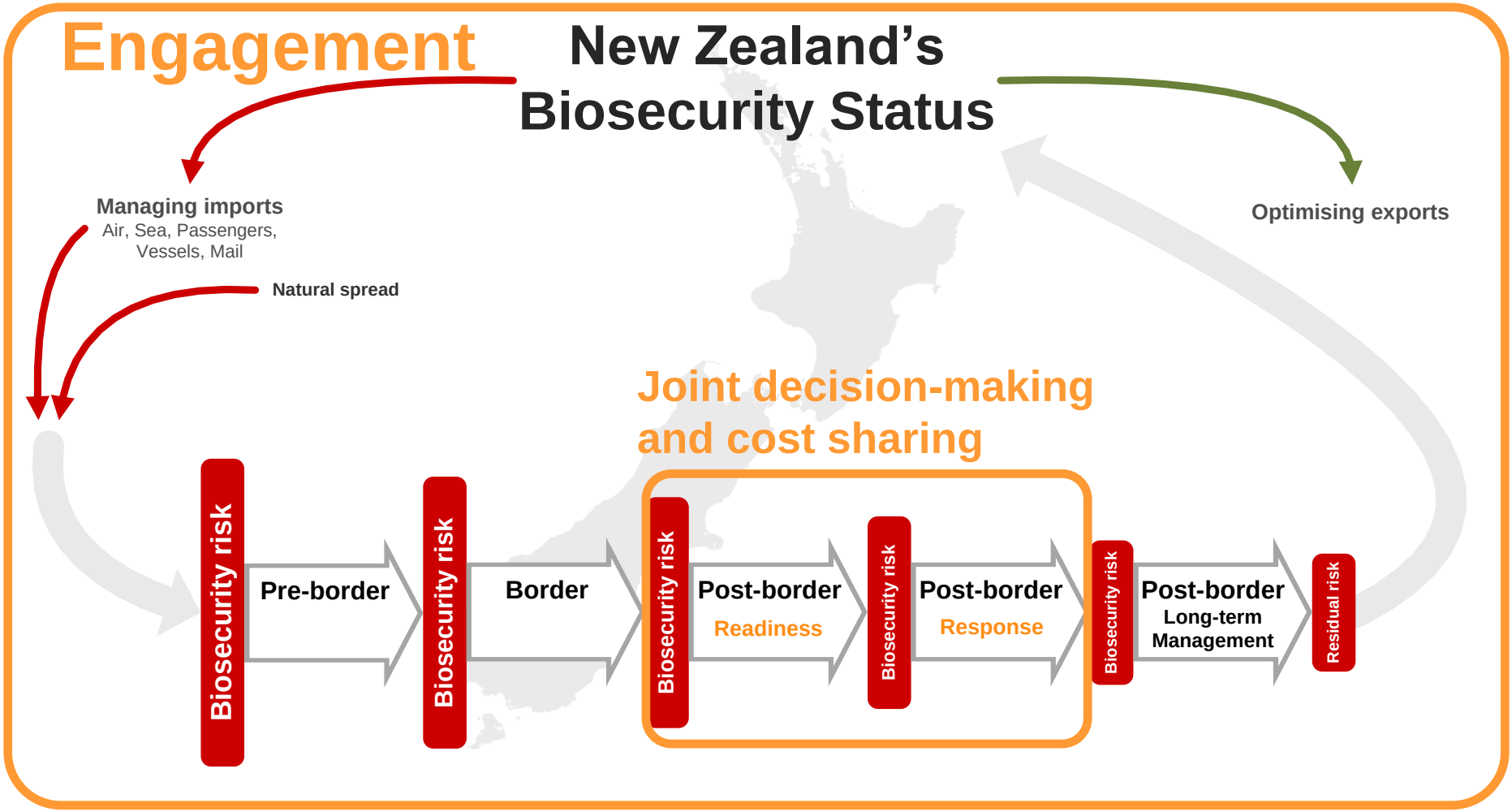
A single week in February 2014 – we are a trading Nation…

- 35 new pest/disease notifications
- 156 on-going incursion investigations or responses
- 115,082 international air passenger arrivals & seizure of 3,079 risk items
- 13,634 sea containers arrivals
- 4,296 cargo lines
- 500,000 mail items
- 212 used vehicles or machinery items imported & 52 required decontamination

Biosecurity risks facing Kiwifruit industry

- Psa has had a huge impact on the kiwifruit industry but was also a major wake up call
- Realisation that we weren't adequately prepared, and that we needed to take leadership responsibility into the future
- KVH tasked to manage biosecurity risks on behalf of industry and has entered into partnership with government under GIA
- Sapere report is showing while we are the right path, there is still more that we can and must be doing

Government Industry Agreements and NZ's Biosecurity System



Opportunity for our industry under GIA partnership

- Will achieve greater biosecurity protection
- Certainty of response with clarity of roles and responsibilities
- Being fully prepared to protect market access
- Introduction of greater innovation
- Fit for purpose with agreement from all parties
- Leverage to other biosecurity preparedness
- We are the ones who know our industry, how it operates and the people involved
- Industry involvement will reduce costs

Fruit Fly

Oriental fruit fly

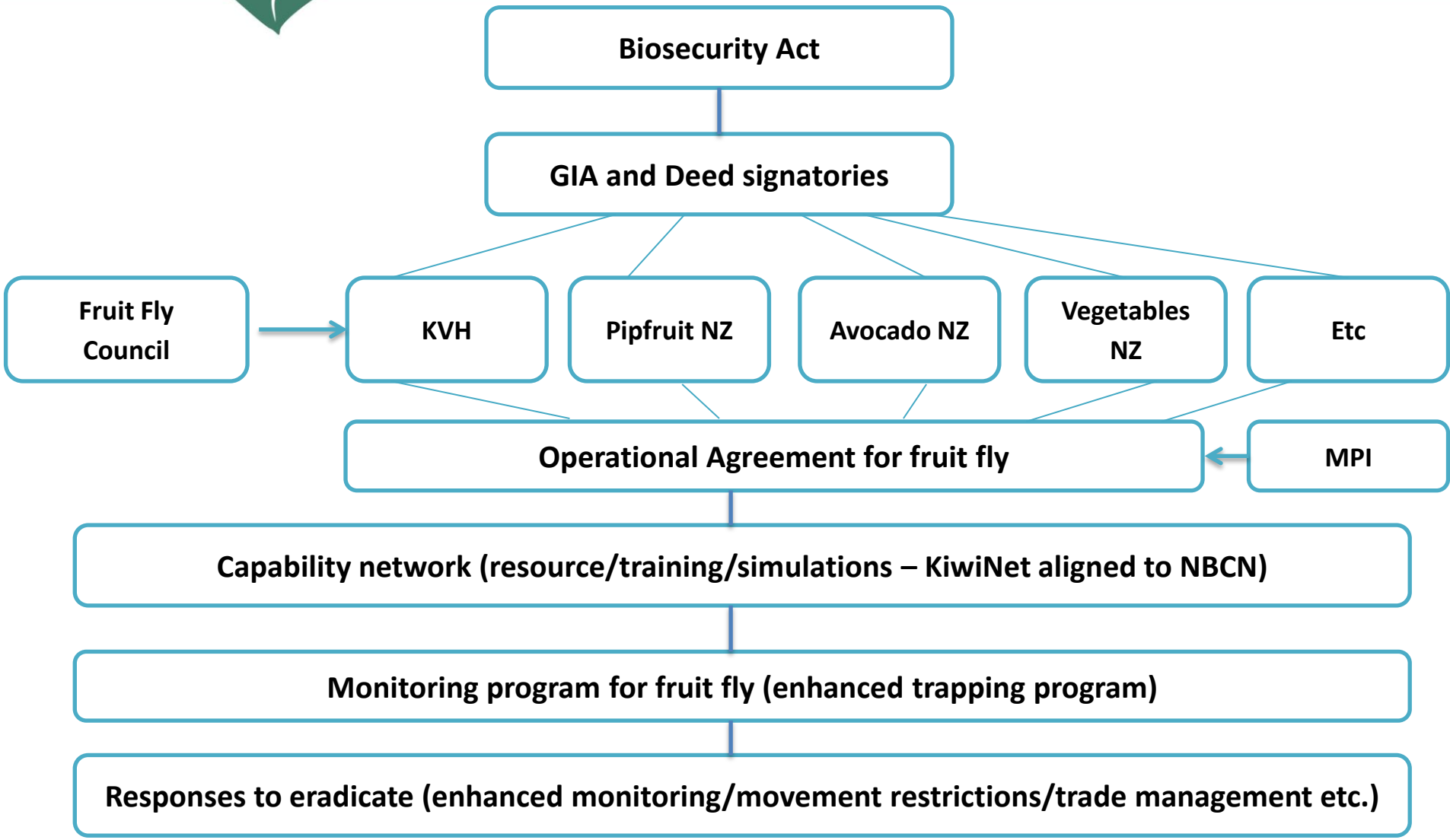
Queensland fruit fly

Mediterranean fruit fly

Melon fruit fly

Fruit fly operational agreement

- KVH developed proposal in Jan 2013 that split responsibility for urban and rural regions
- KVH presented to industry sectors, with smaller product groups concerned couldn't resource
- Commitment to work together to develop
- Interim Fruit Fly Council established with main horticultural groups represented in May 2014
- Final draft should be completed this month
- Proposal is accepting current program with agreed future work plan to improve aspects e.g. trap numbers, using industry resource.


Biosecurity Act
GIA and Deed signatories
Fruit Fly Council
KVH
Pipfruit NZ
Avocado NZ
Vegetables NZ
Etc
Operational Agreement for fruit fly
MPI
Capability network (resource/training/simulations – KiwiNet aligned to NBCN)
Monitoring program for fruit fly (enhanced trapping program)
Responses to eradicate (enhanced monitoring/movement restrictions/trade management etc.)

Unfortunately fruit fly only one pest and GIA is all about improving biosecurity

- Will never identify all biosecurity risks (not knowing what we don't know)
- We can't put all available industry funding into just one pest
- Identified top pest/pathogens
- Utilised risk matrix
- Peer reviewed MPI/P&F
- Preparing specific plans
- Also looking at generic plans

Rank	Name	Type of organism	Risk Score
1	Fruit Fly (Medfly, Ofly & Qfly)	arthropod	**24**
2	Brown marmorated stink bug (*Halyomorpha halys*)	arthropod	**18**
3	White Peach Scale (*Pseudaulacaspis pentagona*)	arthropod	**18**
4	Psa non-NZ biovars	bacteria	**12**
5	Spotted wing drosophila (*Drosophila suzukii*)	arthropod	**12**
6	*Ceratocystis fimbriata*	fungi	**8**
7	Verticillium wilt	fungi	**8**
8	*Phytophthora drechsleri*	fungi like	**6**
9	Summer canker (*Pectobacterium carotovorum actinidiae)*	bacteria	**4**
10	Pelargonium zonate spot virus	virus	**4**
11	Esca disease (*Fomitiporia mediterranea*)	fungi	**4**
12	Asian gypsy moth	arthropod	**3**

The future vision for better biosecurity

- All major industries have signed the Deed and true partnership with MPI evident
- Agreement on major risks, and the associated border, readiness and response activities needed
- Operational agreements in place for significant pests and diseases
- Other important pests and diseases have readiness/response plans
- Industry capability identified, trained and fully engaged and aligned with future programs
- Overall higher level of resources and investment into biosecurity