



Democratic Socialist Republic of Sri Lanka  
Ministry of Agriculture (MoA)  
Agriculture Sector Modernization Project (ASMP)

**Assessment of Current Pest Management  
Strategies Implemented by the MoA  
&  
Preparation of a Pest Management Action Plan**

**Final Report**

**VOLUME 02**

**Mapping of ASMP Clusters**

**November 2019**

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74/6, Stanley Place, Pepiliyana Road, Nugegoda, Sri Lanka



**Assessment of Current Pest Management Strategies Implemented by the  
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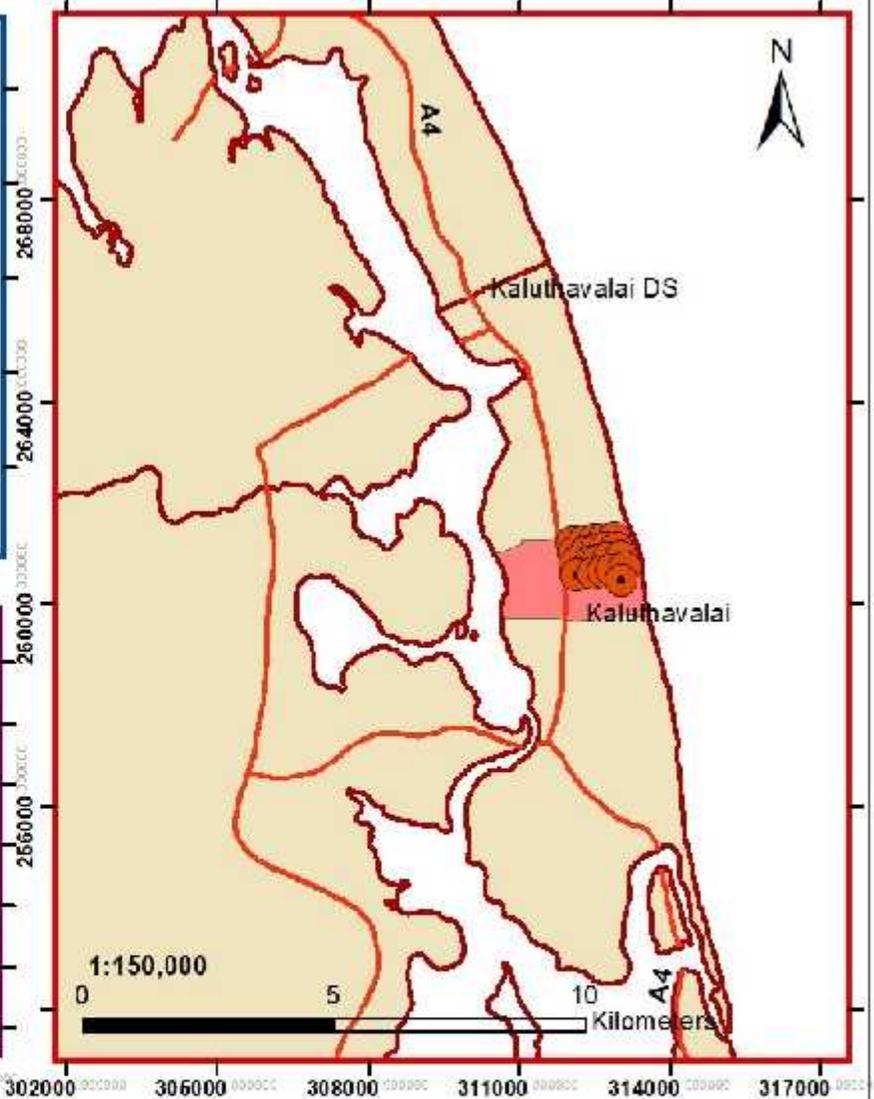
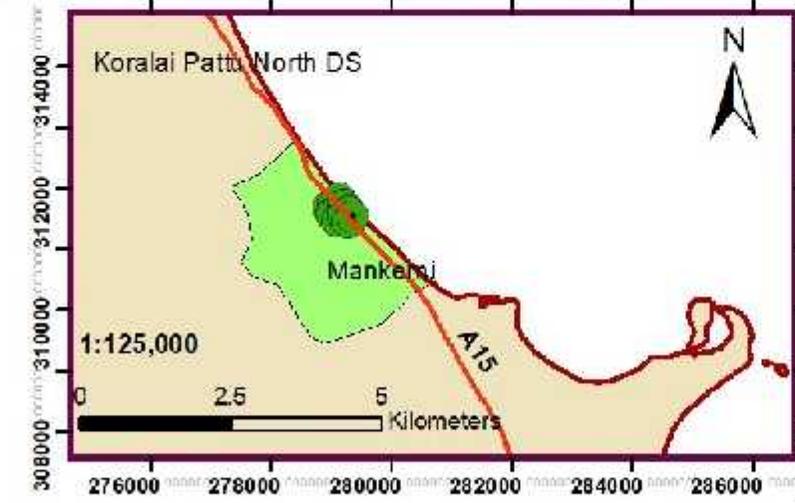
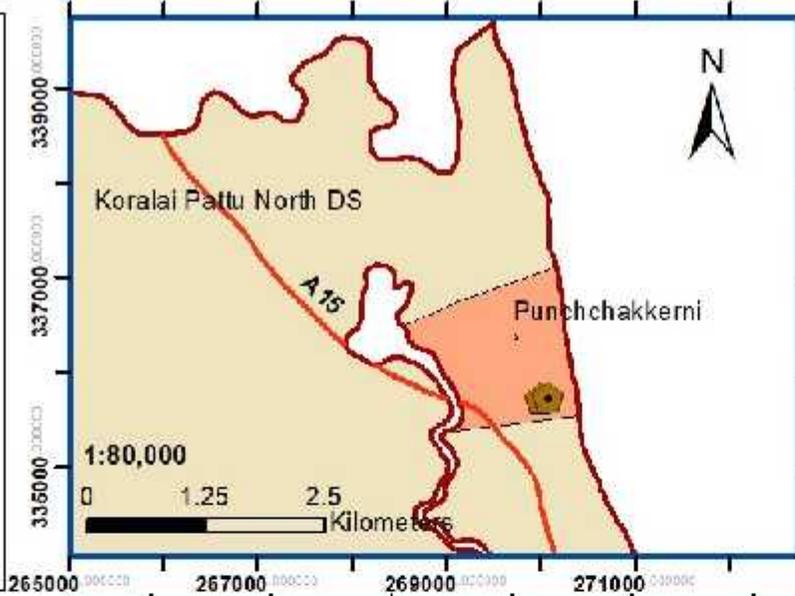
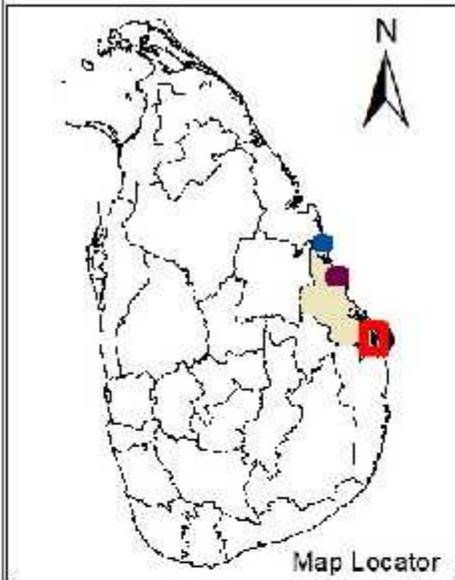
**Final Report**

**VOLUME 02**

**Mapping of ASMP Clusters**

**EASTERN PROVINCE**

# Locations of ASMP clusters in Batticaloa District



- Clusters**
- Chili Cluster
  - Cucumber Cluster
  - Ground Nut Cluster

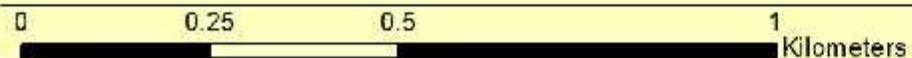
- Farmers**
- Chili Farmers
  - Ground nut Farmers
  - Cucumber Farmers

- Road
- DS Boundry

# Recorded pest damage in Chili cluster of Kaluthavalai GN division , Batticaloa District

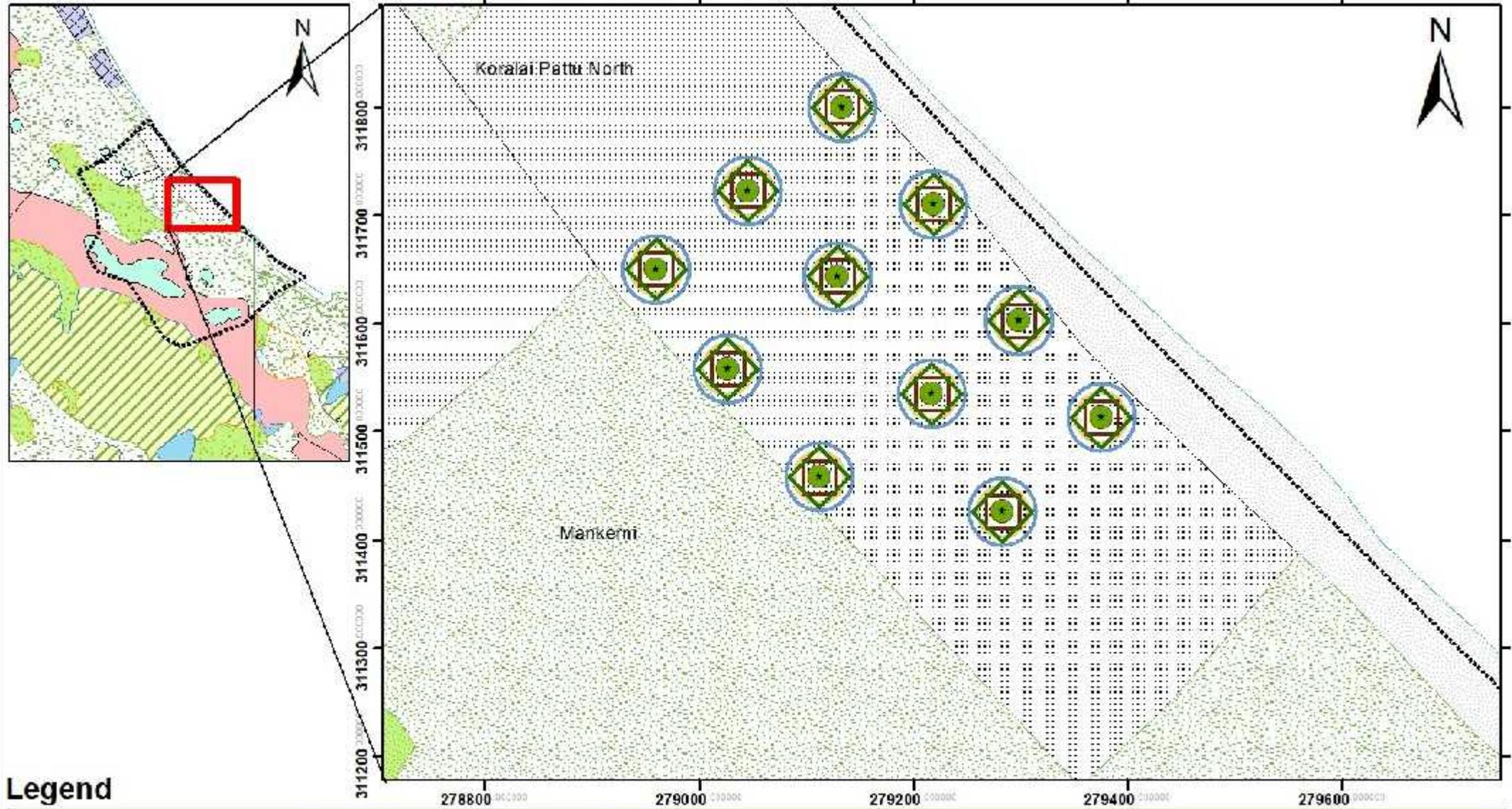


## Legend



1:10,000

# Recorded pest damage in Cucumber cluster of Mankerni GN division , Batticaloa District



## Legend

- Mankerni center GN
- Cucumber farmers
- Road
- Home Garden
- Scrub
- Pest Damage**
- Cucumbers with Anthracnos
- White Flies
- Aulacapora
- Downy /Powdery Mildews







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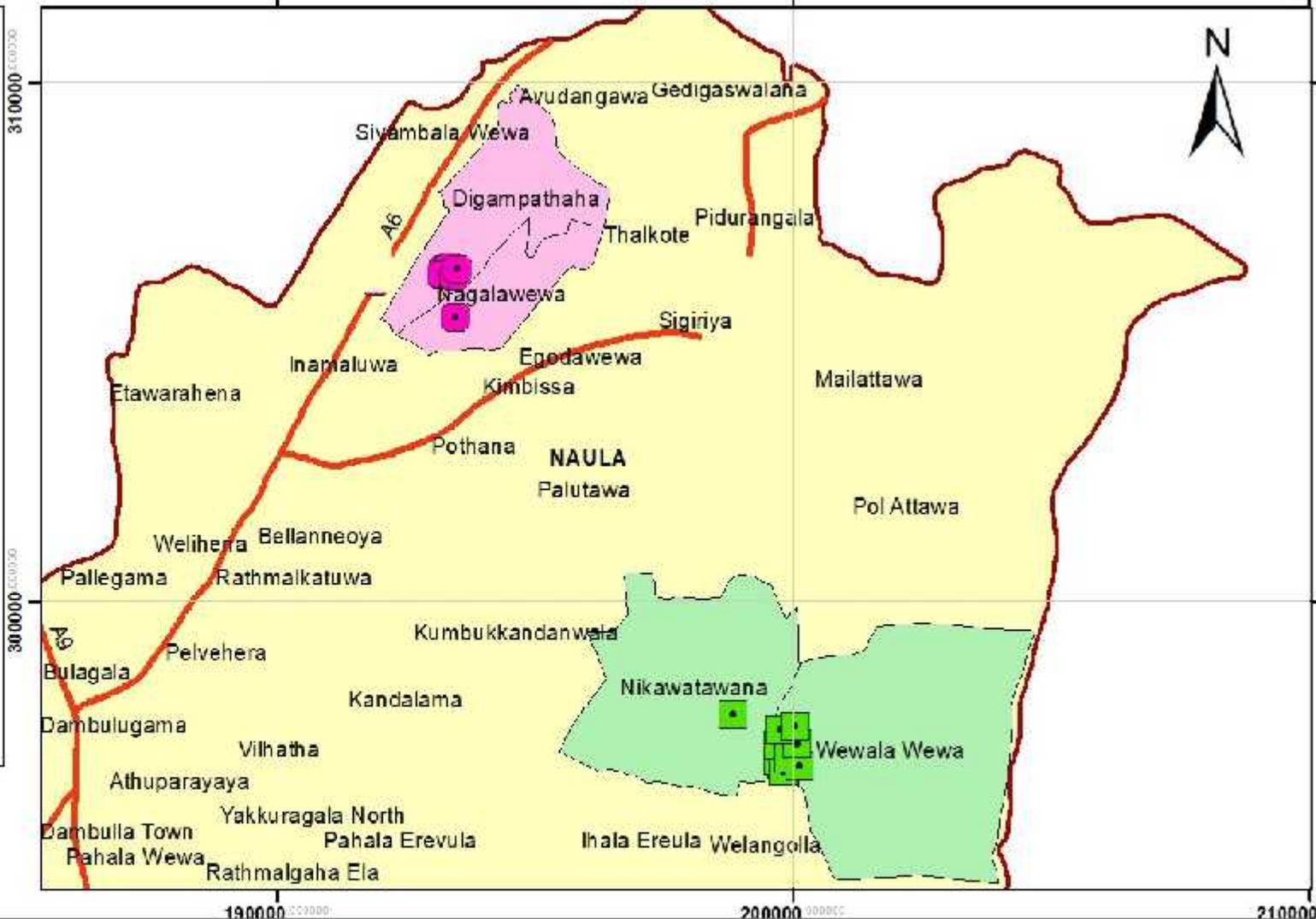
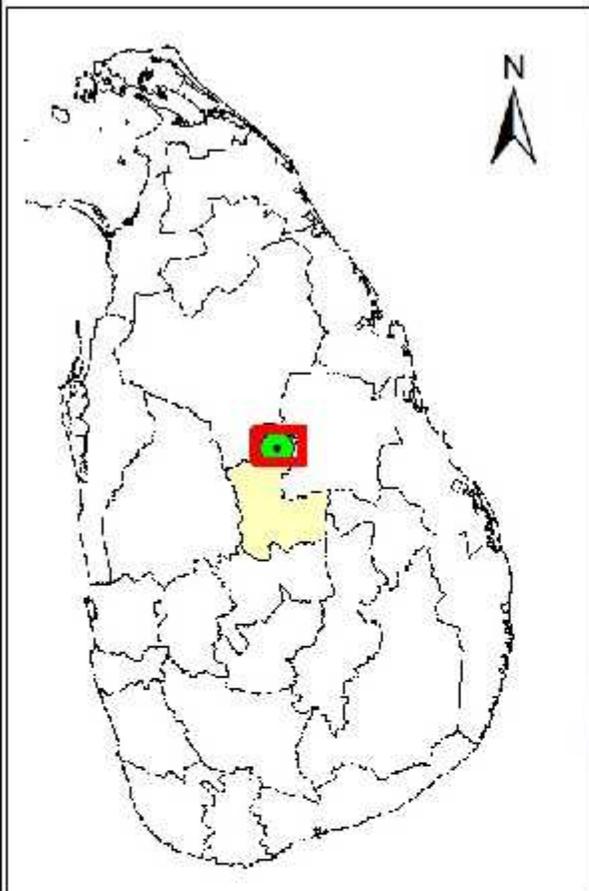
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**VOLUME 02**

**Mapping of ASMP Clusters**

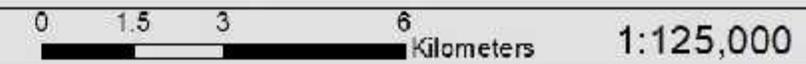
**CENTRAL PROVINCE**

# Locations of ASMP clusters in Matale District

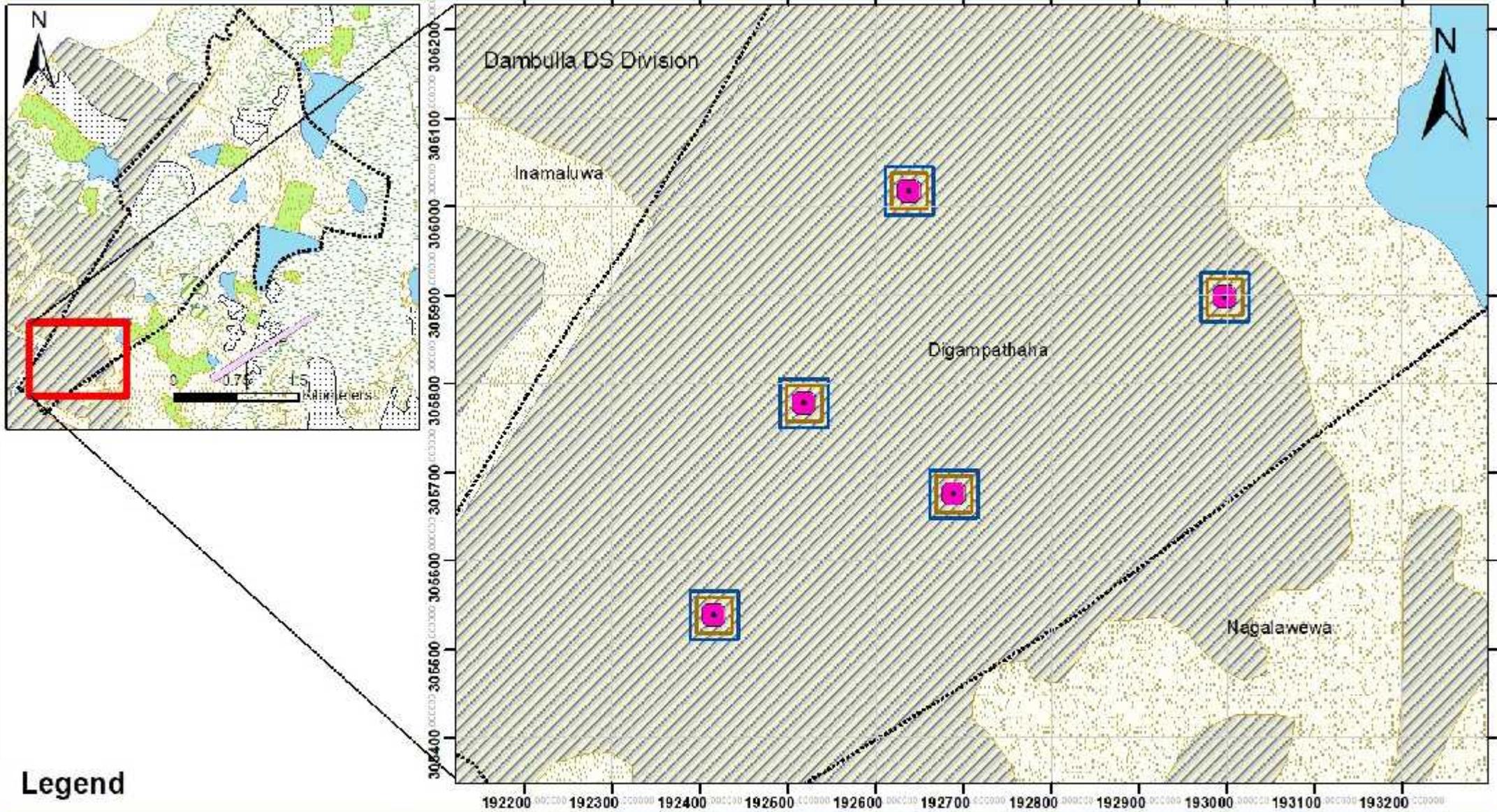


## Legend

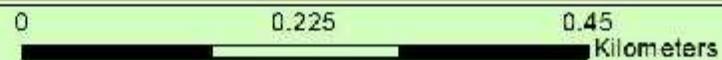
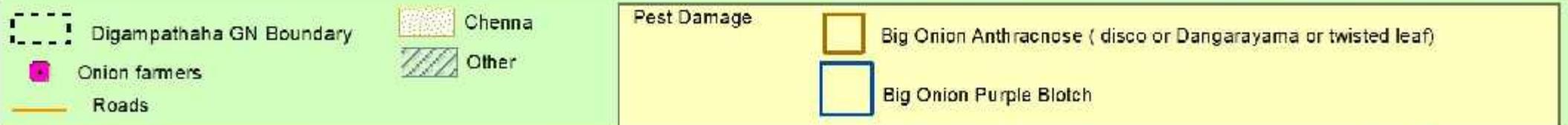
<p><b>Clusters</b></p> <ul style="list-style-type: none"> <li>Big Onion ( Seed ) Cluster</li> <li>Mango Cluster</li> </ul>	<ul style="list-style-type: none"> <li>Mango Farmers</li> <li>Bigonion Farmers</li> </ul>	<ul style="list-style-type: none"> <li>Road</li> <li>DS Boundary</li> </ul>
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# Recorded pest damage in Big Onion (Seed ) cluster of Digampathaha GN division , Matale District

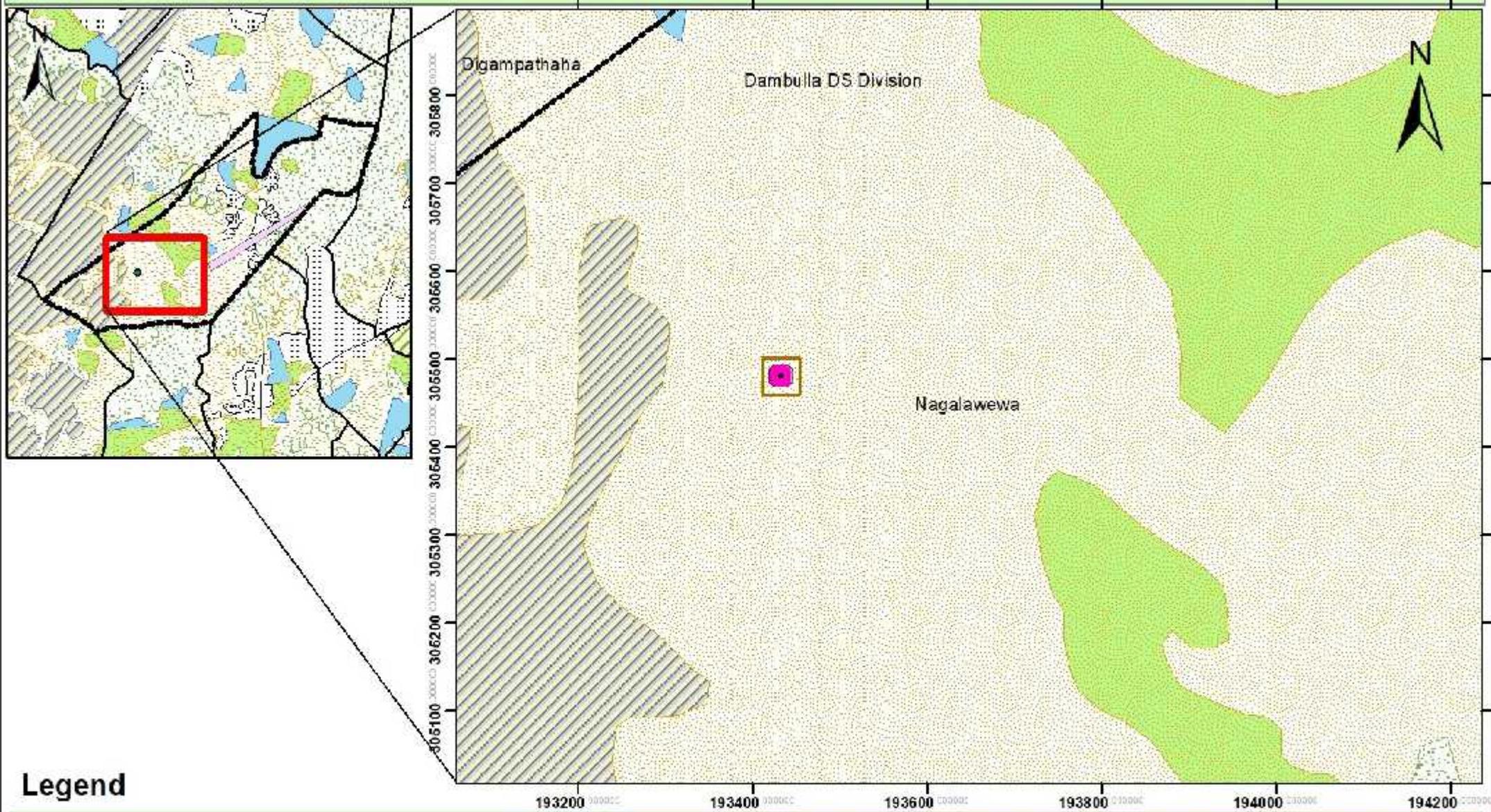


## Legend



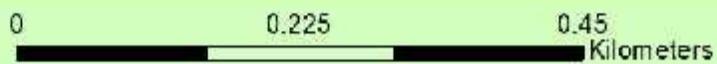
1:6,000

# Recorded pest damage in Big onion ( Seed) cluster of Nagalawewa GN division , Matale District



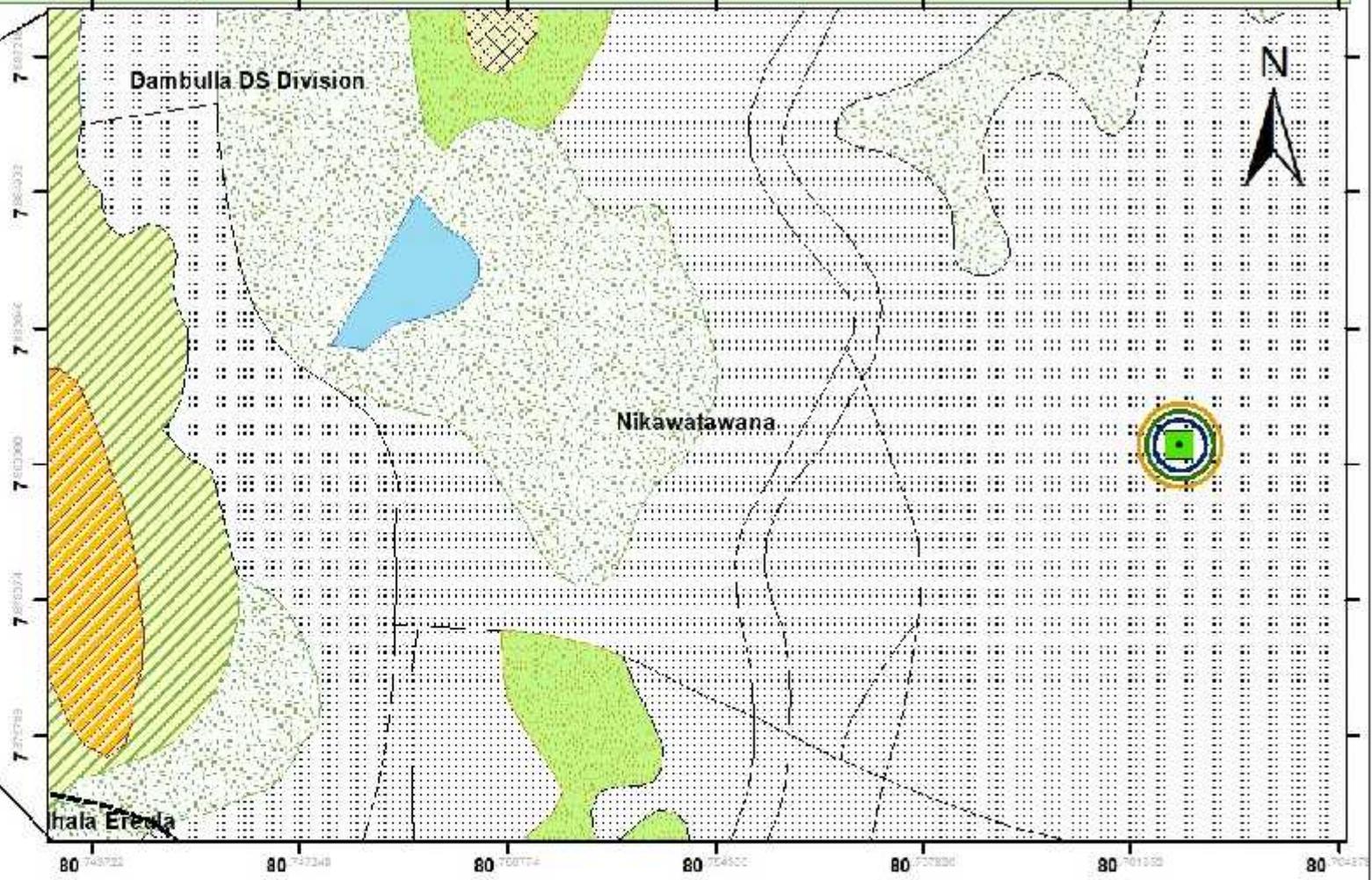
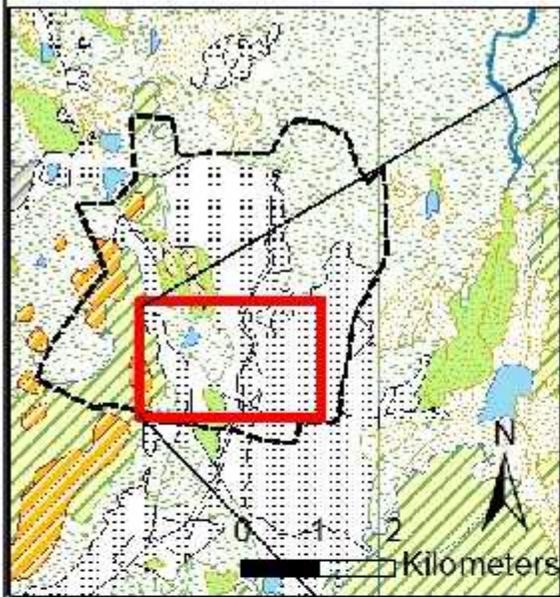
## Legend

- |  |   |  |                    |
|--|---|--|--------------------|
|  Nagalawewa GN Boundry |  Chenna      |  Tank   | <b>Pest Damage</b> |
|  Big Onion Farmers    |  Other       |  |                    |
|  Roads                |  Paddy Field |  Big Onion Anthracnose ( disco or Dangarayama or twisted leaf) |                    |



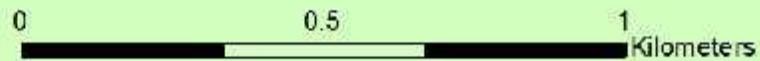
1:6,000

# Recorded pest damage in Mango cluster of Nikawatawana GN division , Matale District



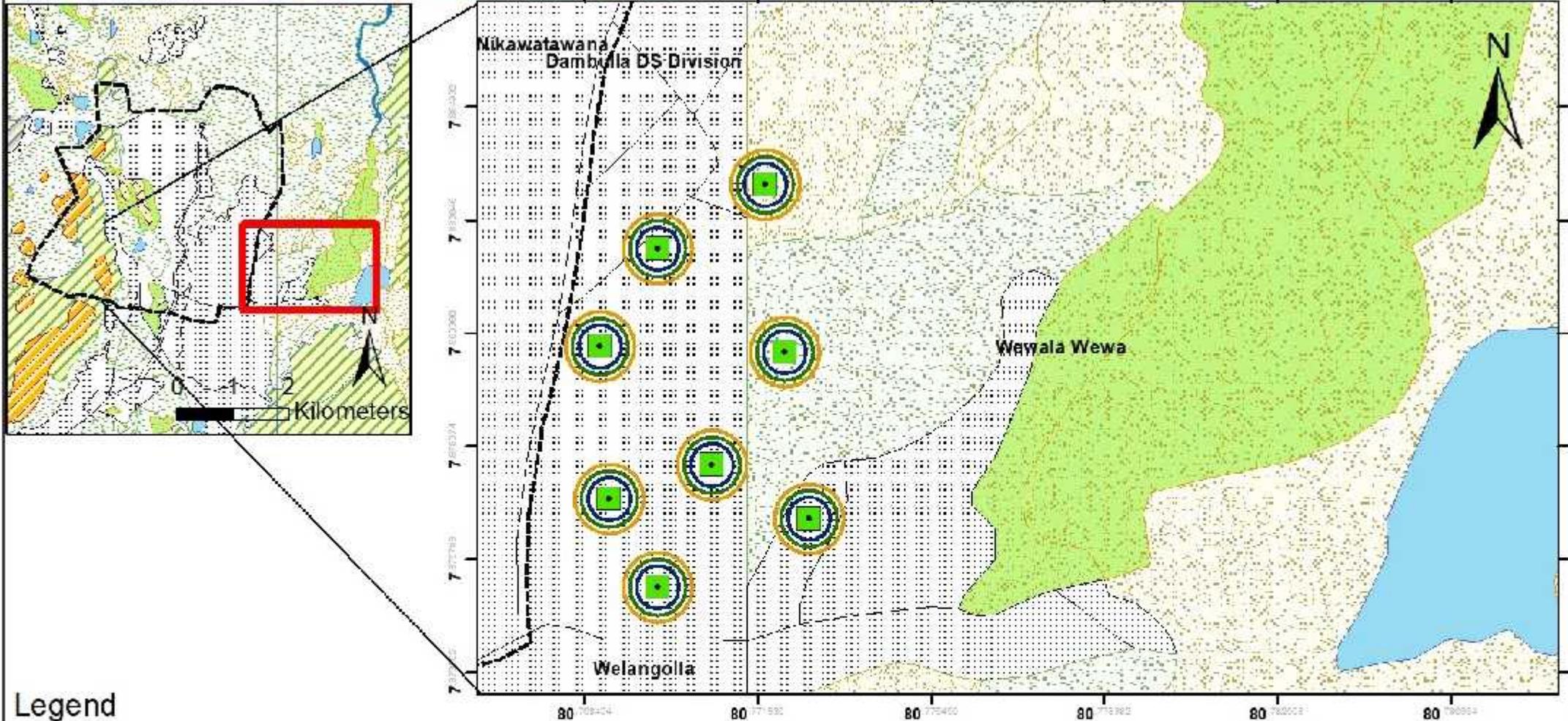
## Legend

Nikawatawana GN Boundary	Paddy Field	<b>Pest Damage</b>	
Mango Farmers	Grassland	Mango shooty mould	Mango mealy bug
Roads	Homesteads	Mango Fruit Fly	

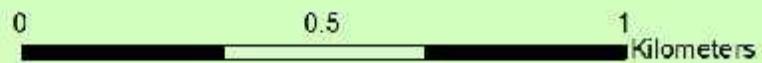
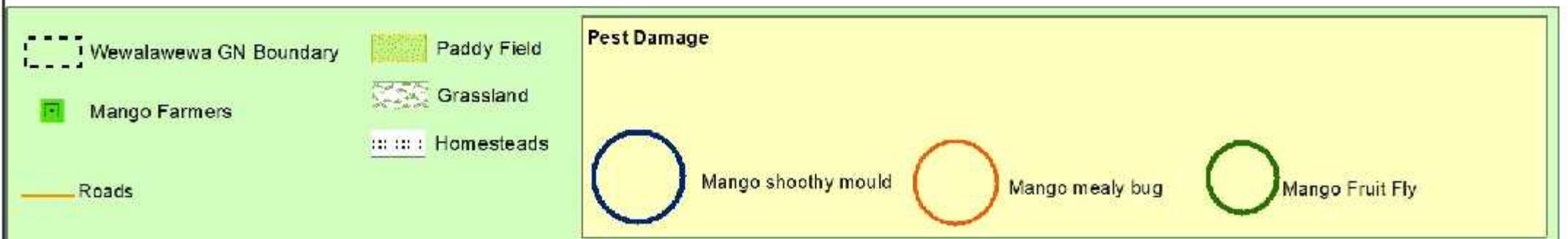


1:12,500

# Recorded pest damage in Mango cluster of Wewala wewa GN division , Matale District



## Legend



1:12,500



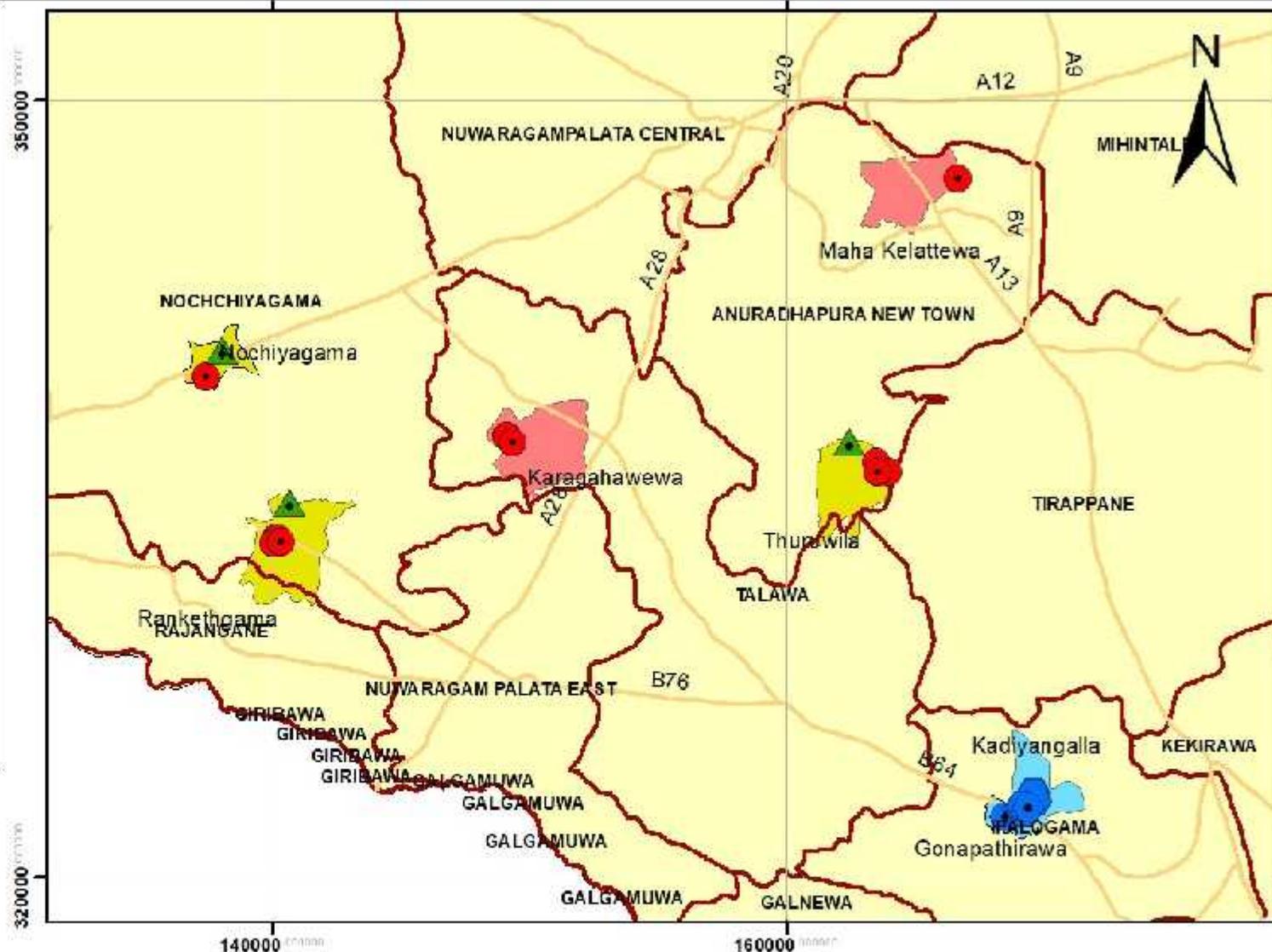
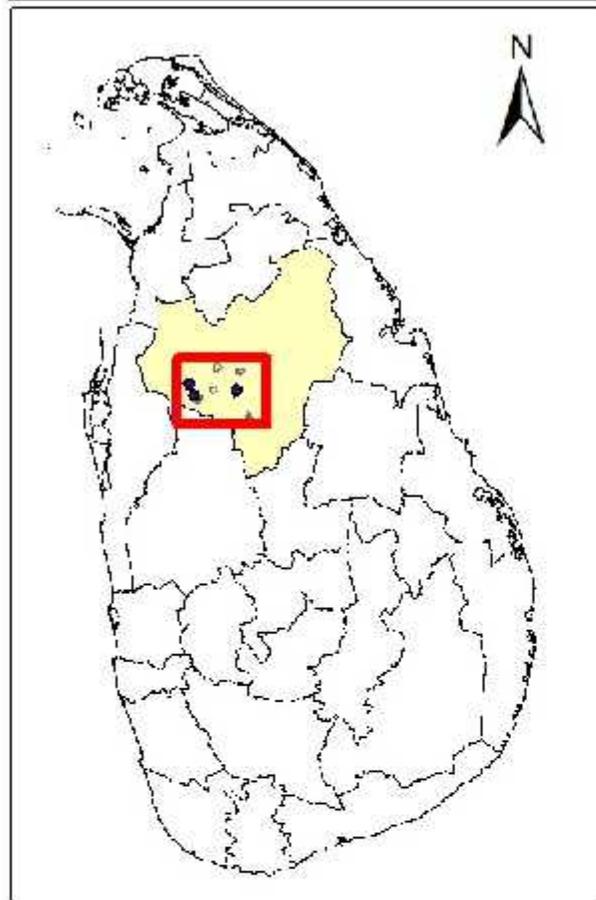
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**VOLUME 02**

**Mapping of ASMP Clusters**

**NORTH CENTRAL PROVINCE**

# Locations of ASMP clusters in Anuradhapura District



## Legend

### Clusters

- Chili Clusters
- Guava Clusters
- Chili & Bitter Gourd Clusters

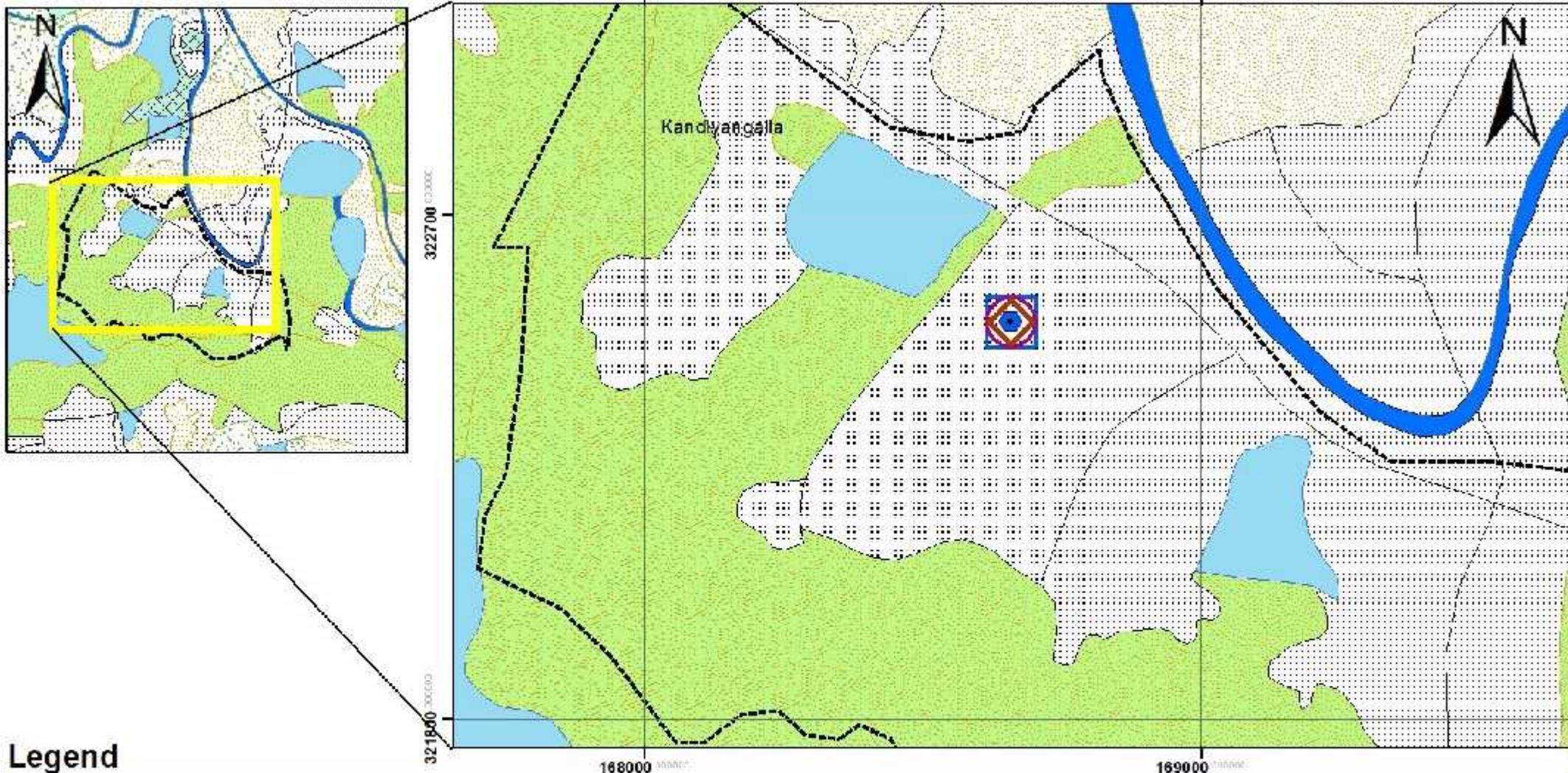
### Farmers

- Bitter Gourd Farmers
- Guava Farmers
- Chili Farmers

- Road
- DS Boundary



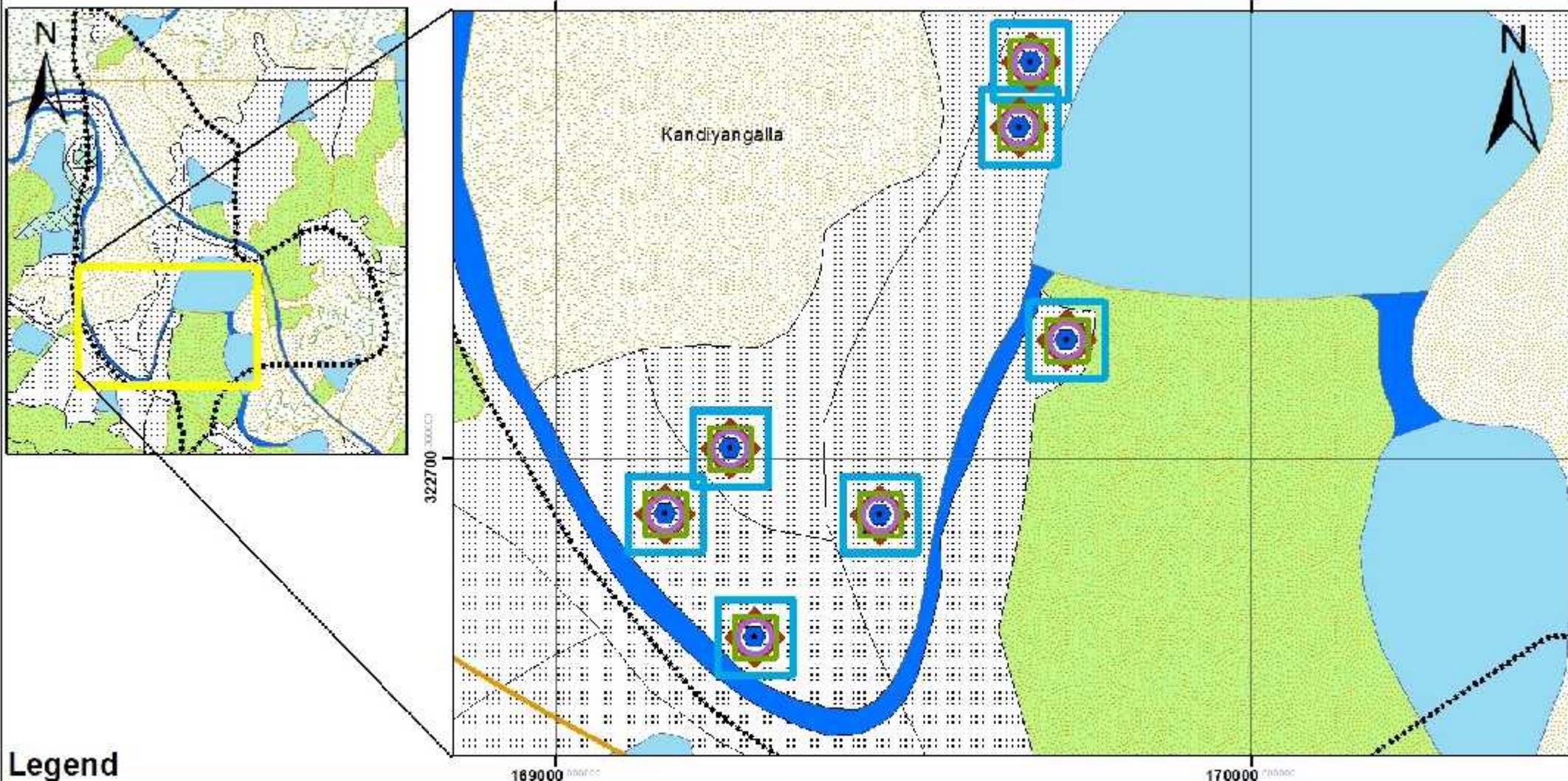
# Recorded pest damage in Guava cluster of Gonapathirawa GN division , Anuradhapura District



## Legend



# Recorded pest damage in Guava cluster of Kadiyangalla GN division , Anuradhapura District



## Legend

Kadiyangalla GN Boundary	Chenna	<b>Pest Damage</b>	
Guava Farmers	Homesteads	Guava Mealy Bug	Guava Fungal
Roads	Paddy Field	Guava Fruit Fly	Guava Other Pest
	Stream		
	Tank		



# Recorded pest in chili cluster of Karagahawewa GN division , Anuradhapura District

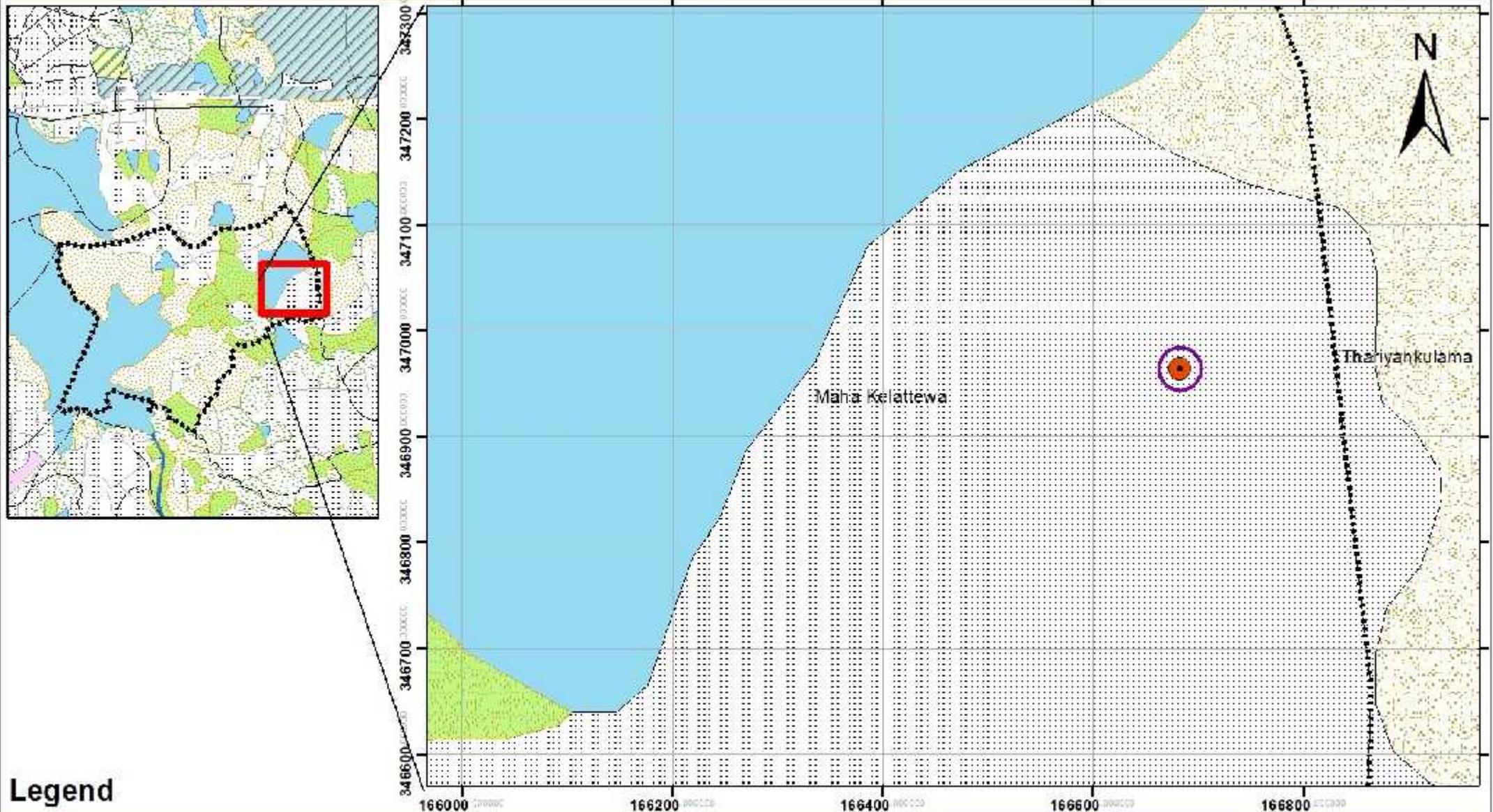


## Legend



1:6,000

# Recorded pest damage in chili clusters of Maha kelattewa GN division , Anuradhapura District



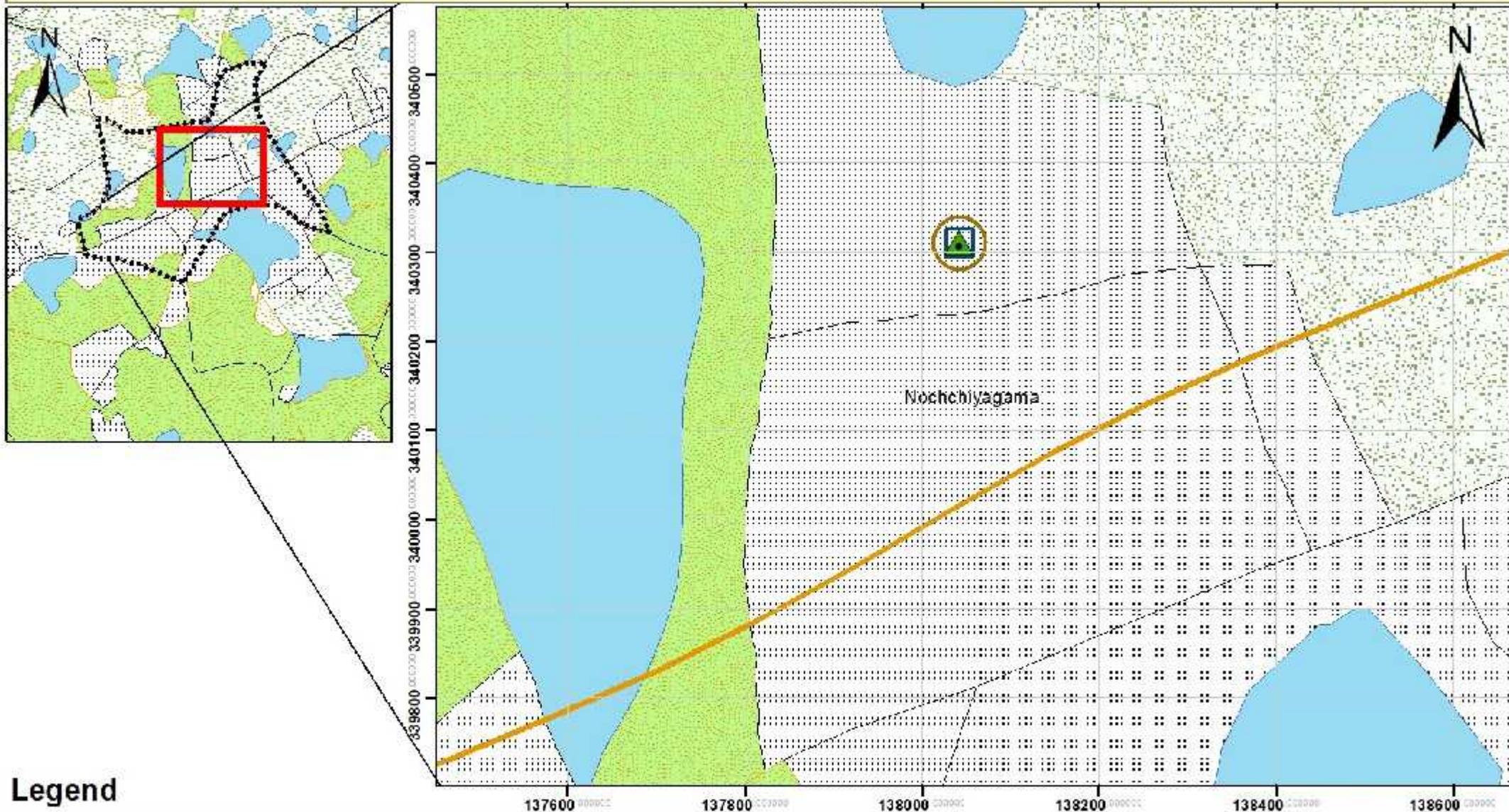
## Legend

- |                            |             |                                      |
|----------------------------|-------------|--------------------------------------|
| Maha Kelattewa GN Boundary | Chenna      | Tank                                 |
| Chili Farmers              | Homesteads  | Roads                                |
|                            | Paddy Field | Chilly NLD Related insects and Mites |

0 3 6 Kilometers

1:5,000

# Recorded pest damage in Bitter Gourds clusters of Nochiyagama GN division , Anuradhapura District



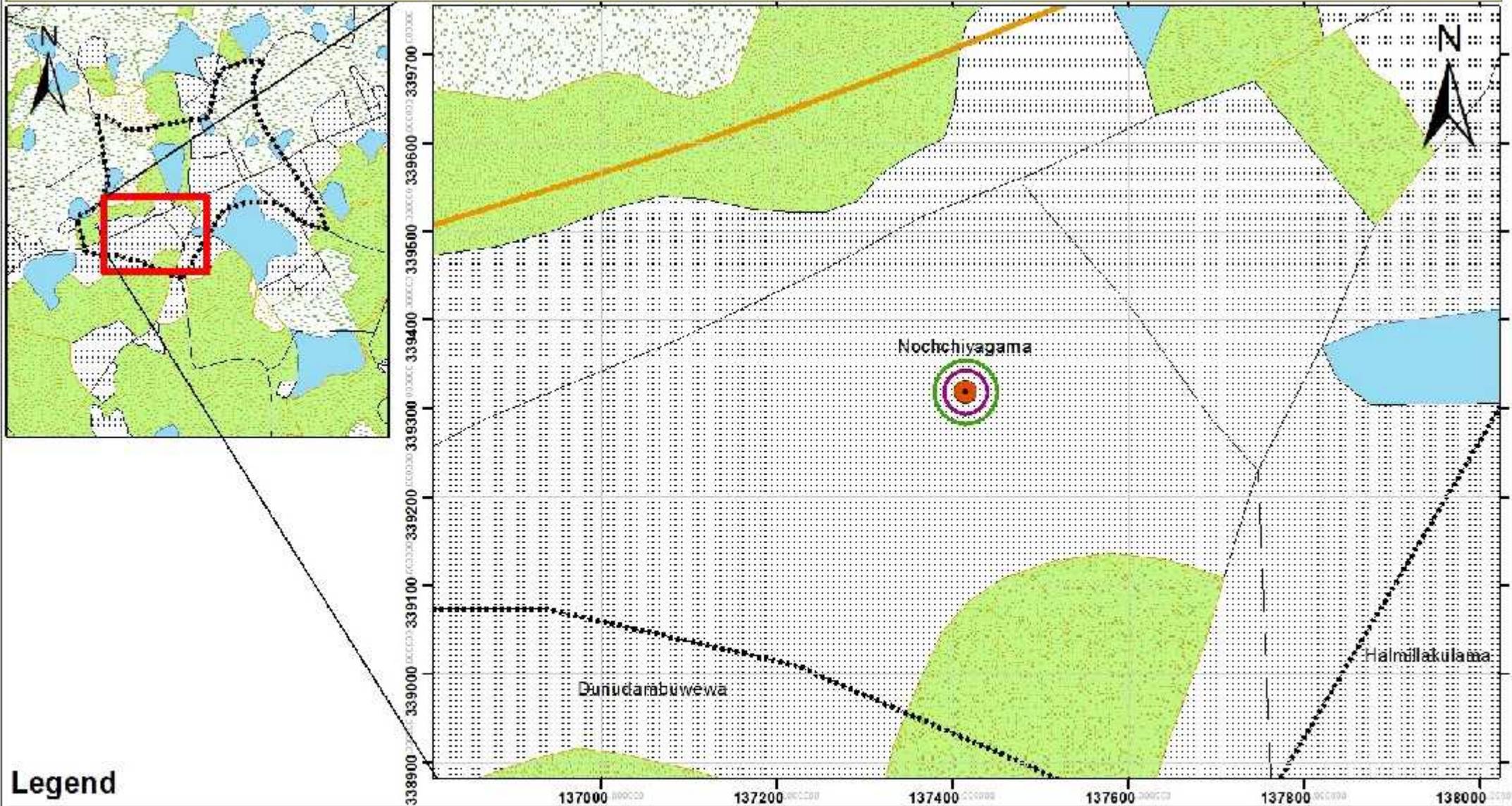
## Legend

- Nochiyagama GN Boundry
- Bitter Gourds Farmers
- Grassland
- Home Garden
- Paddy Field
- Tank
- Roads
- Bitter Gourdes Virus transmitting insects and mites
- Bitter Gourdes Fungal

0 2.5 5 Kilometers

1:6,050

# Recorded pest damage in chili clusters of Nochiyagama GN division , Anuradhapura District

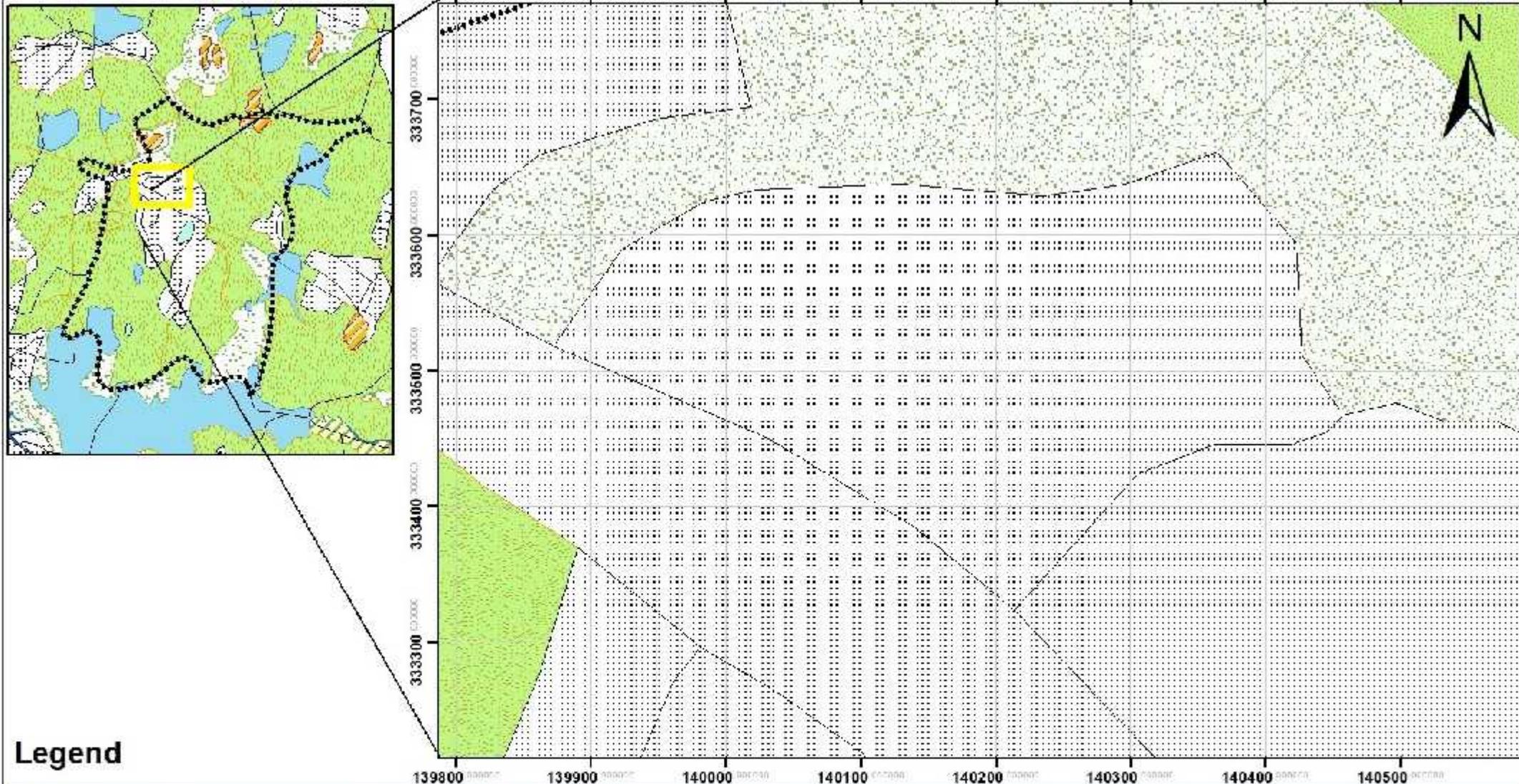


## Legend

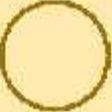


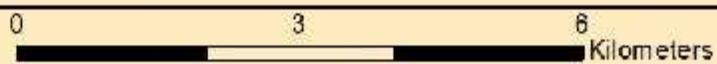
1:6,050

# Recorded pest damage in Bitter Gourd cluster of Rankethgama GN division , Anuradhapura District



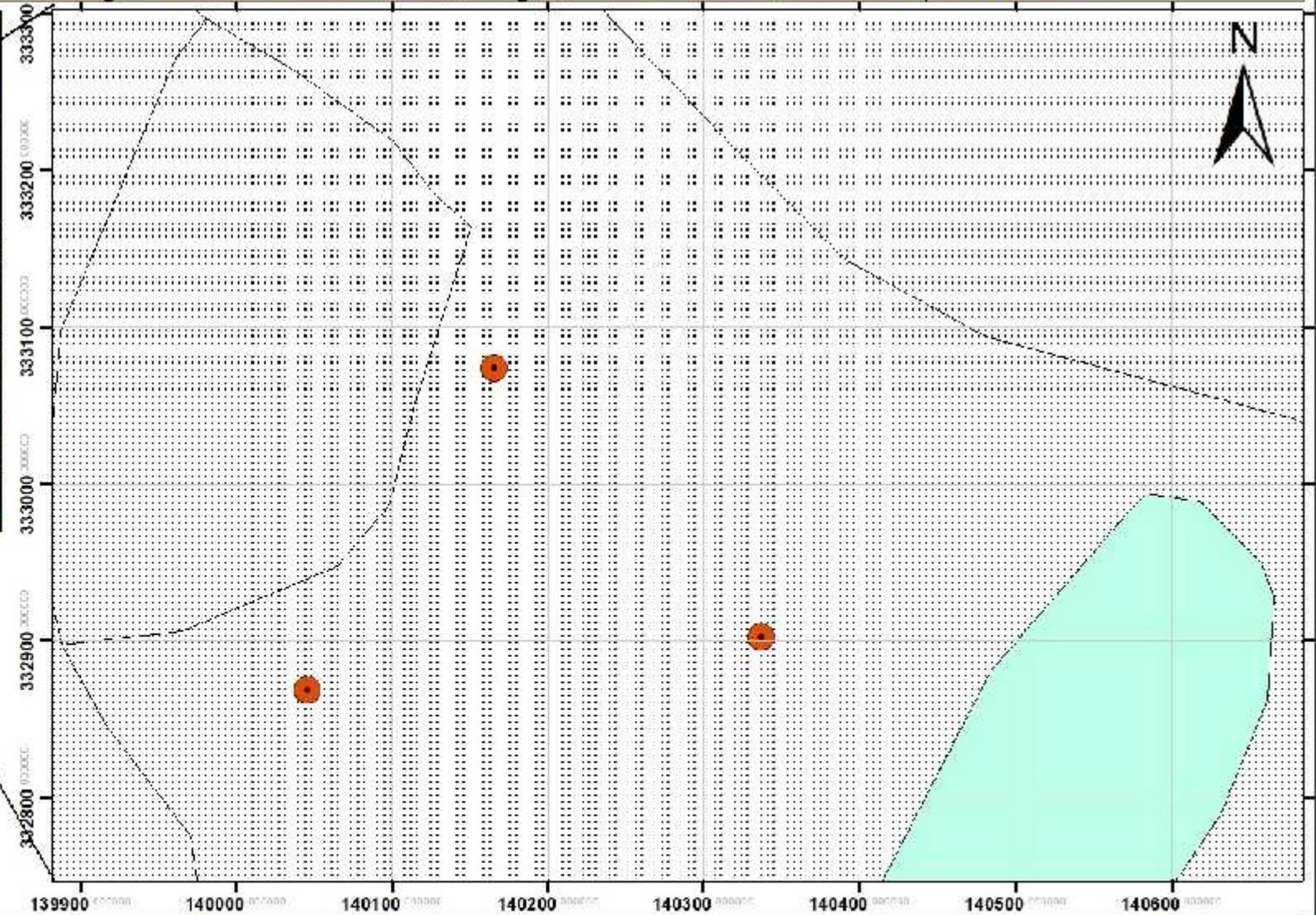
## Legend

-  Rankethgama GN Boundary
-  Bitter Gourd Farmers
-  Roads
-  Homesteads
-  Tank
-  Bitter Gourdes Fruit Fly
-  Bitter Gourdes Virus transmitting insects and mites
-  Bitter Gourdes fungal



1:4,000

# Recorded pest damage in chili cluster of Rankethgama GN division , Anuradhapura District

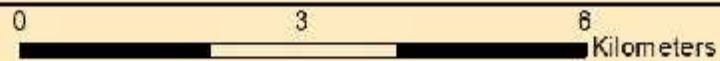


## Legend

- Rankethgama GN Boundary
- Homesteads
- Tank
- Chili Farmers
- Roads

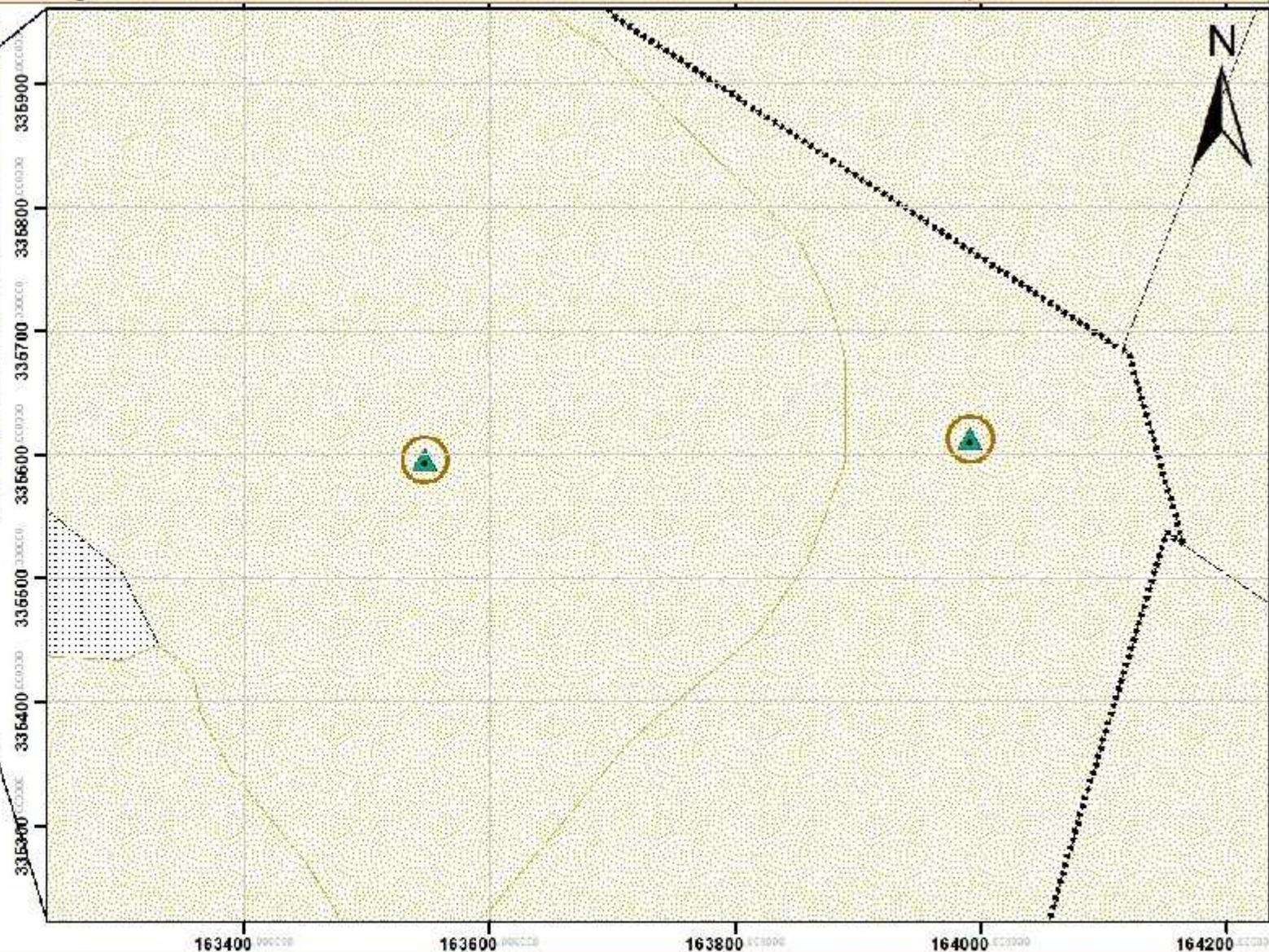
## Pest Damage

Not Recorded

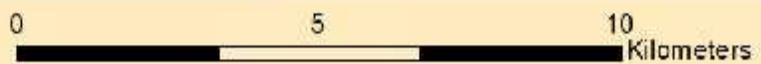


1:4,000

# Recorded pest damage in Bitter Gourd cluster of Thuruwila GN division, Anuradhapura District

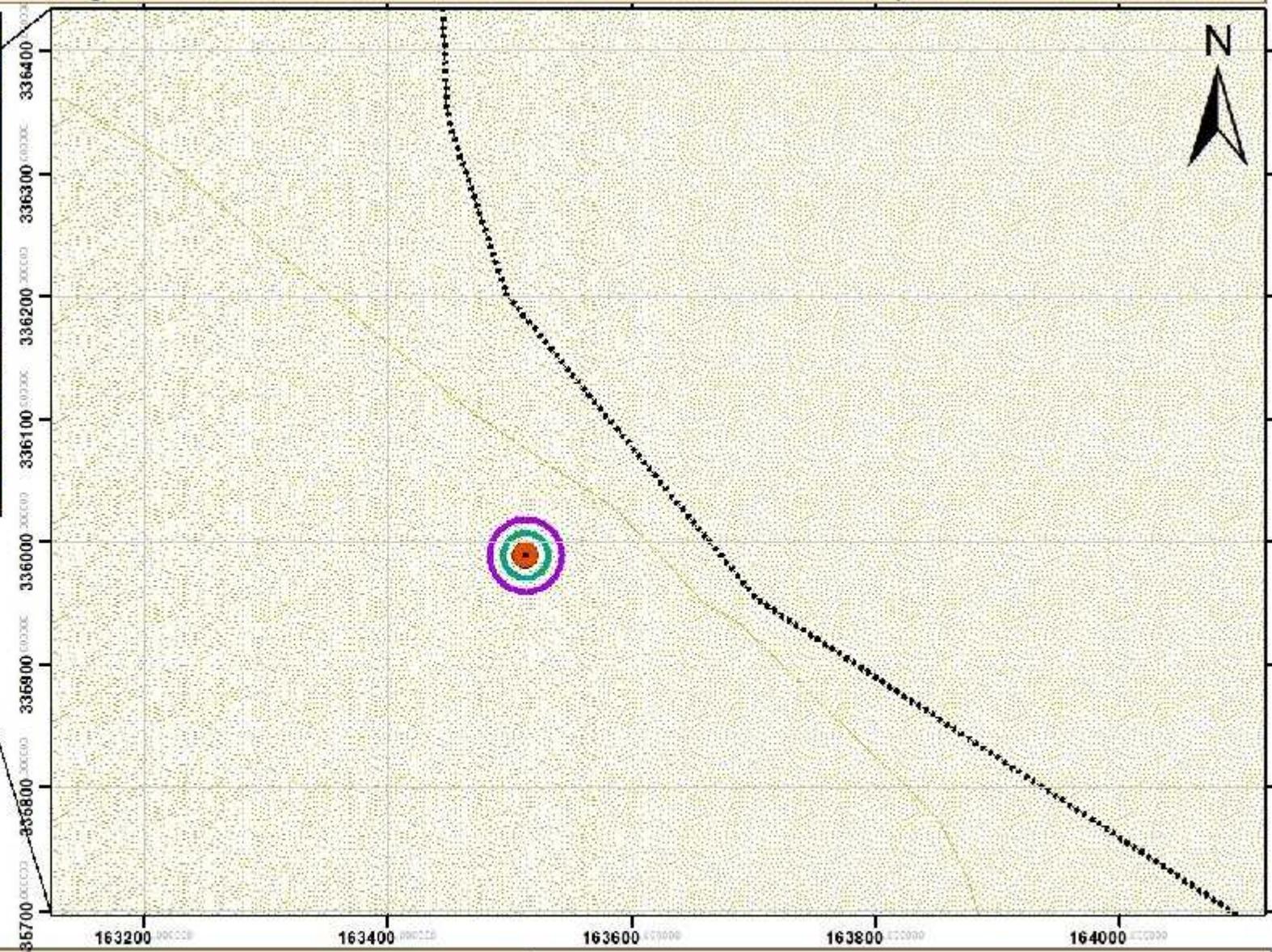


## Legend



1:5,000

# Recorded pest damage in Chili cluster of Thuruwila GN division , Anuradhapura District



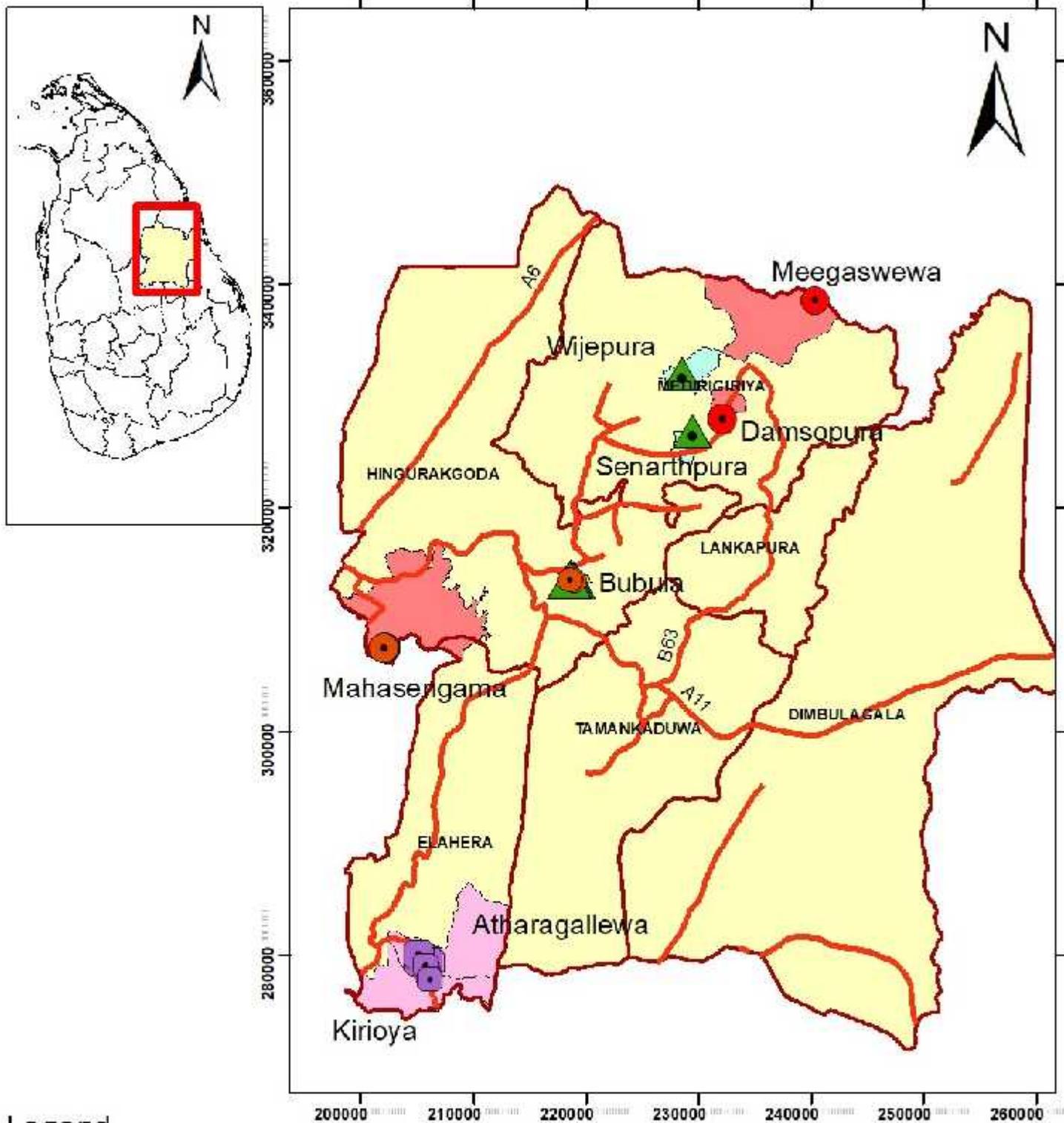
## Legend

- Thuruwila GN Boundry
- Chenna
- Homesteads
- Chili Farmers
- Roads
- Pest Damage
  - Chilly Anthracnose
  - Chilly NLD Related insects and Mites



1:5,000

# Locations of ASMP clusters in Polonnaruwa District



## Legend

### Clusters

- Chili Cluster
- Papaya Cluster
- Bitter Gourd Cluster
- Chili & Bitter Gourd Cluster

### Farmers

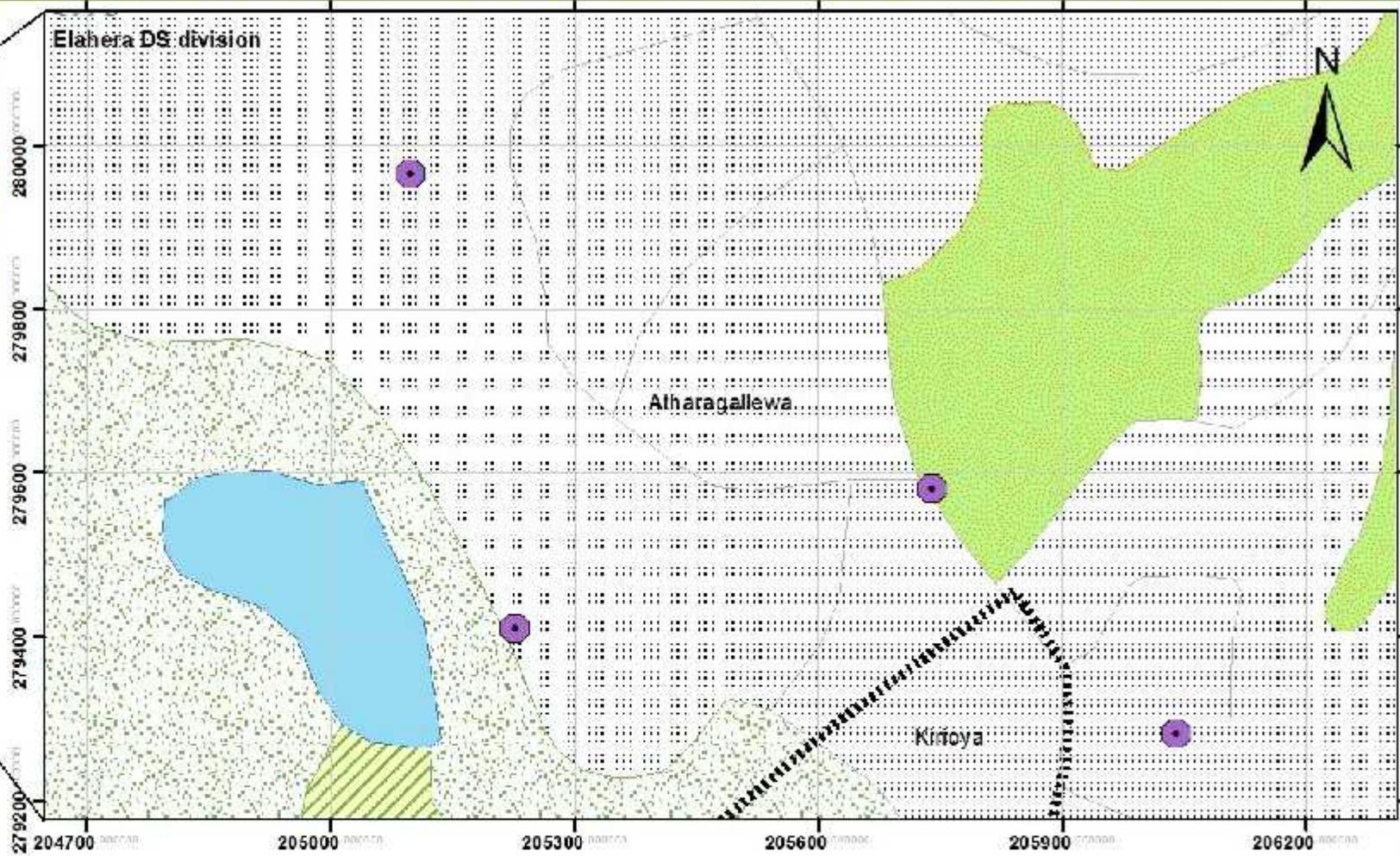
- Papaya Farmers
- Chili Farmers
- Bitter Gourdes Farmers

- Roads
- DS Boundary

0 5 10 20 Kilometers

1:500,000

# Recorded pest damage in Papaya cluster of Atharagallewa GN division , Polonnaruwa District



## Legend

- Atharagallewa GN Boundary
- Papaya Farmers
- Roads
- Forest Unclassified
- Home Garden
- Paddy Field
- Scrub

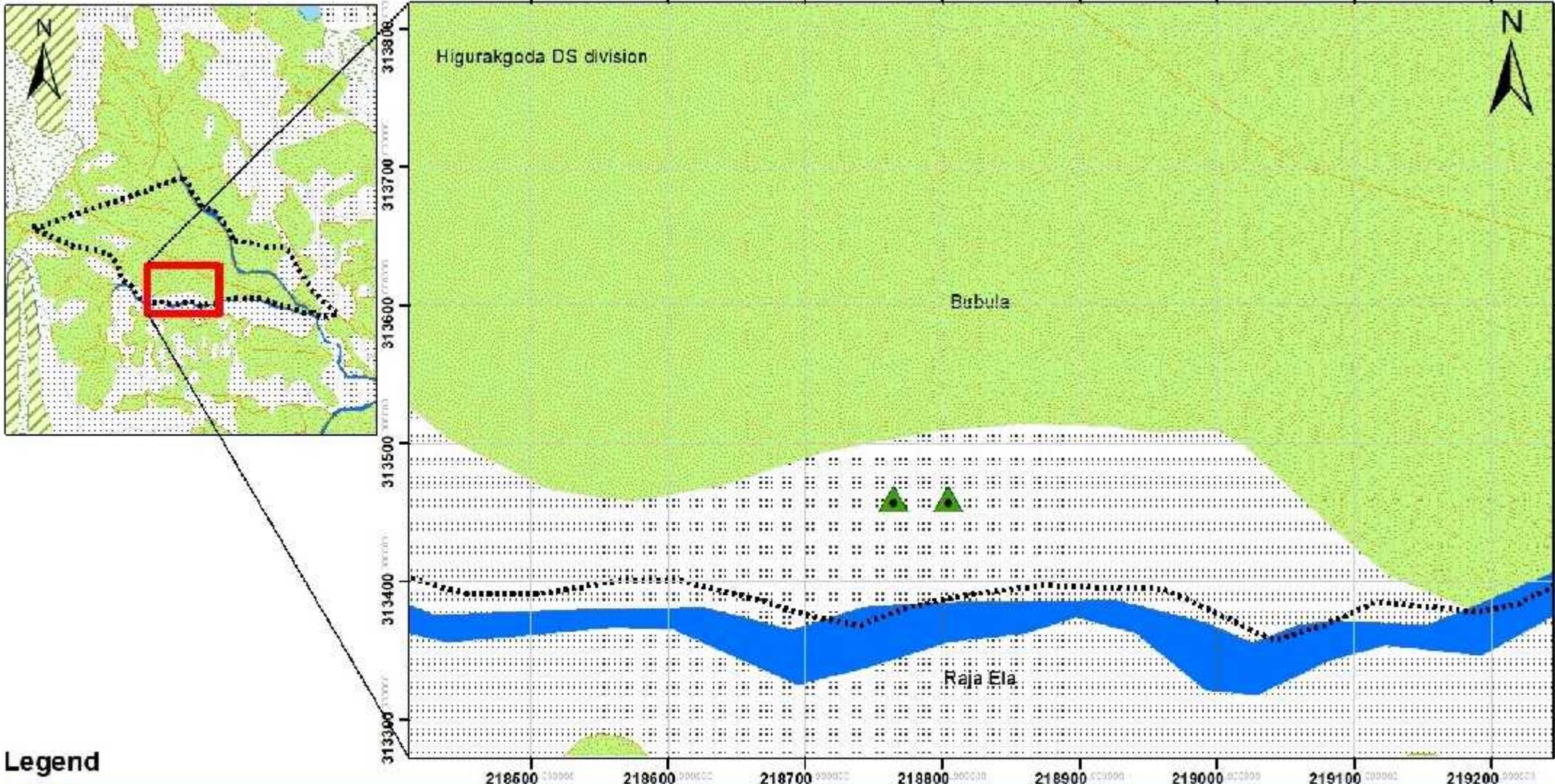
## Pest Damage

Not Recorded

0 0.125 0.25 0.5 Kilometers

1:8,000

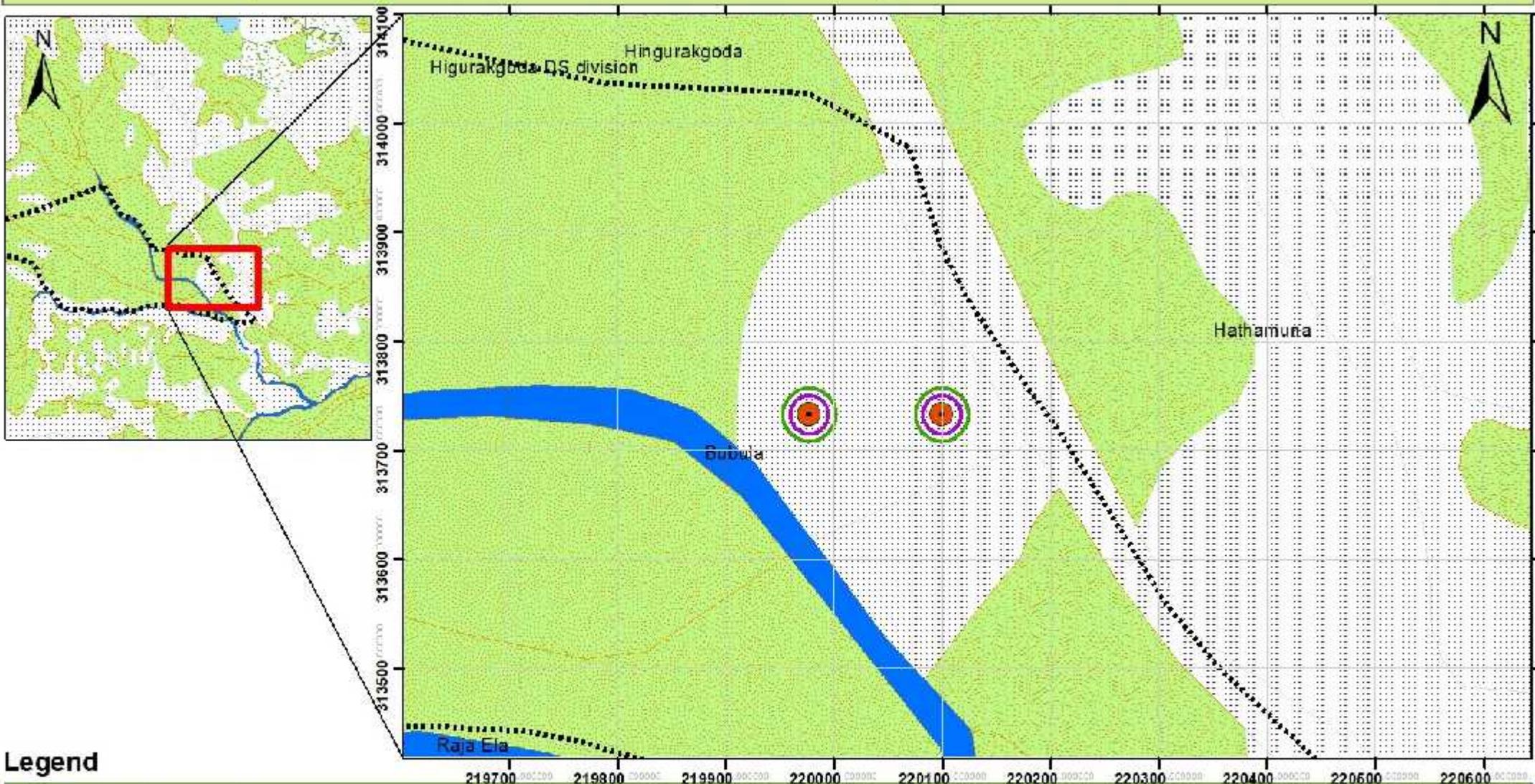
# Recorded pest damage in Bitter Gourd cluster of Bubula GN division , Polonnaruwa District



## Legend

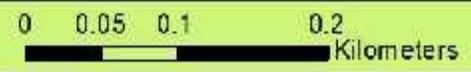


# Recorded pest damage in Chili cluster of Bubula GN division , Polonnaruwa District



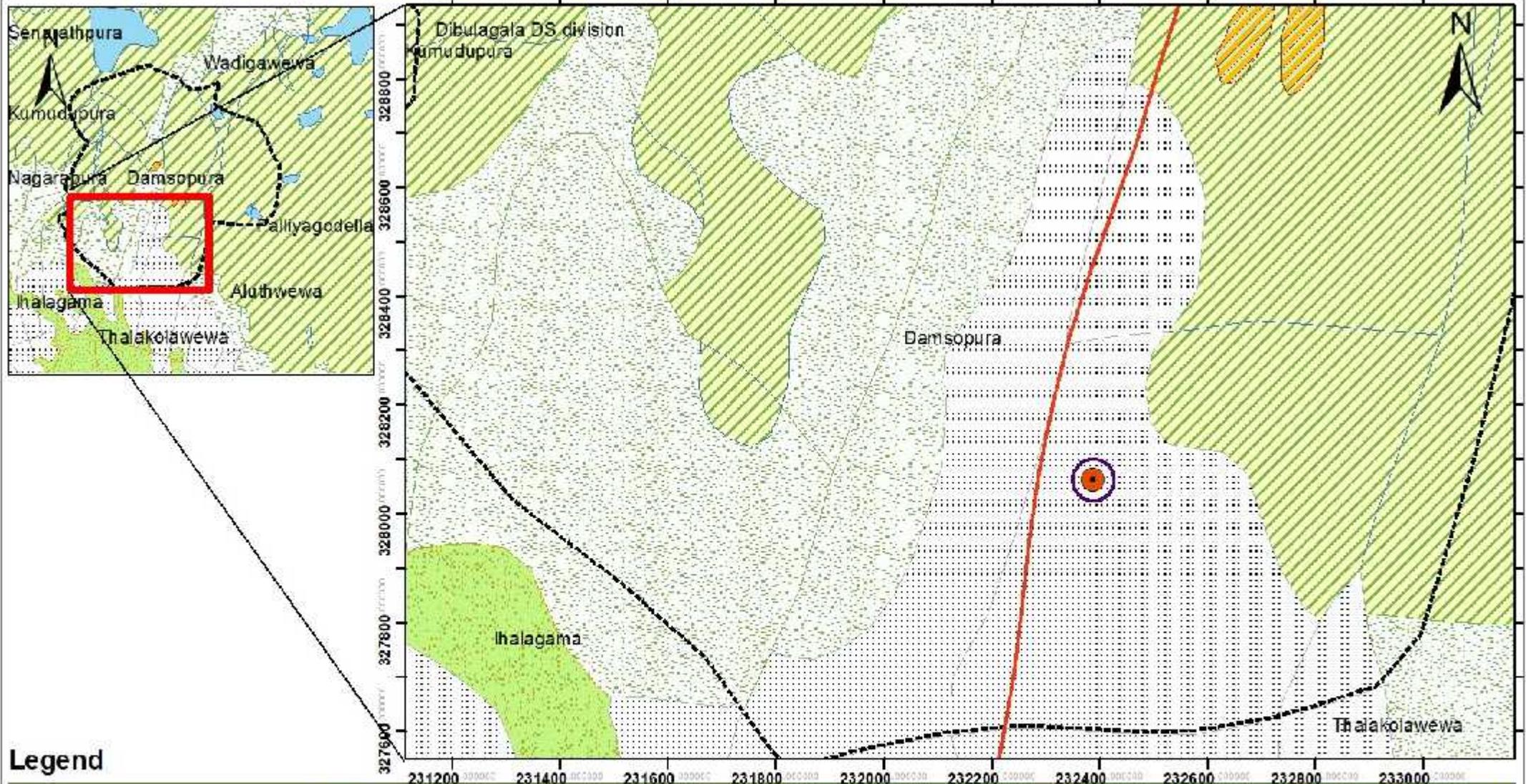
## Legend

- |  |   |  |  |
|--|---|--|--|
|  Bubula GN Boundry |  Home Garden | <b>Pest Damage</b>   |  |
|  Chili Farmers    |  Paddy Field |  Chilly NLD Related insects and Mites |  Chilly Anthracnose |
|  Stream           |  Roads        |  |  |



1:5,000

# Recorded pest damage in Chili of Damsopura GN division , Polonnaruwa District



## Legend

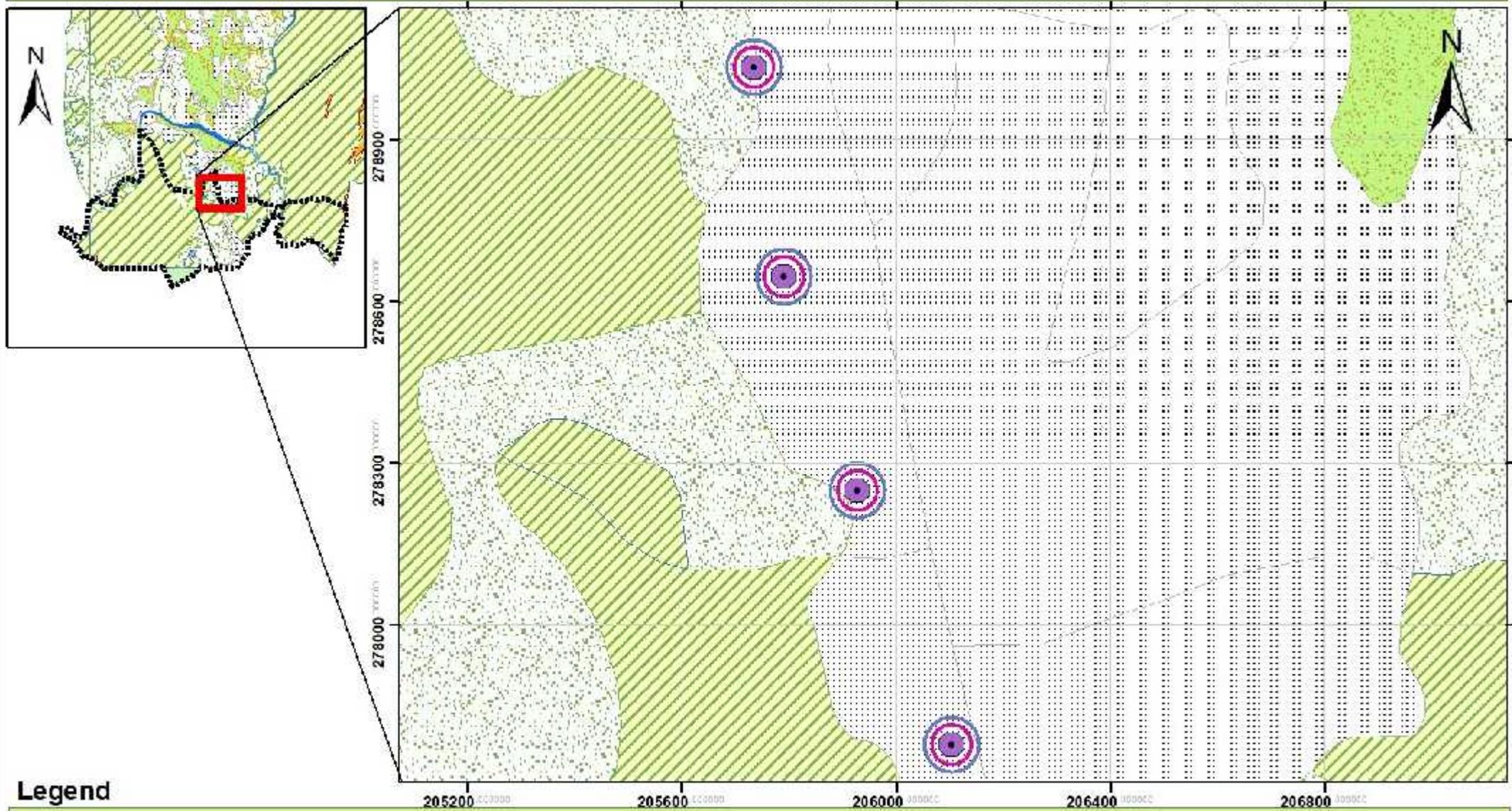
 Dibulagala GN Boundry	 Home Garden
 Chili Farmers	 Paddy Field
 Roads	 Scrub

### Pest Damage

 Chilly NLD Related insects and Mites



# Recorded pest damage in Papaya cluster of Kirioya GN division , Polonaruwa District

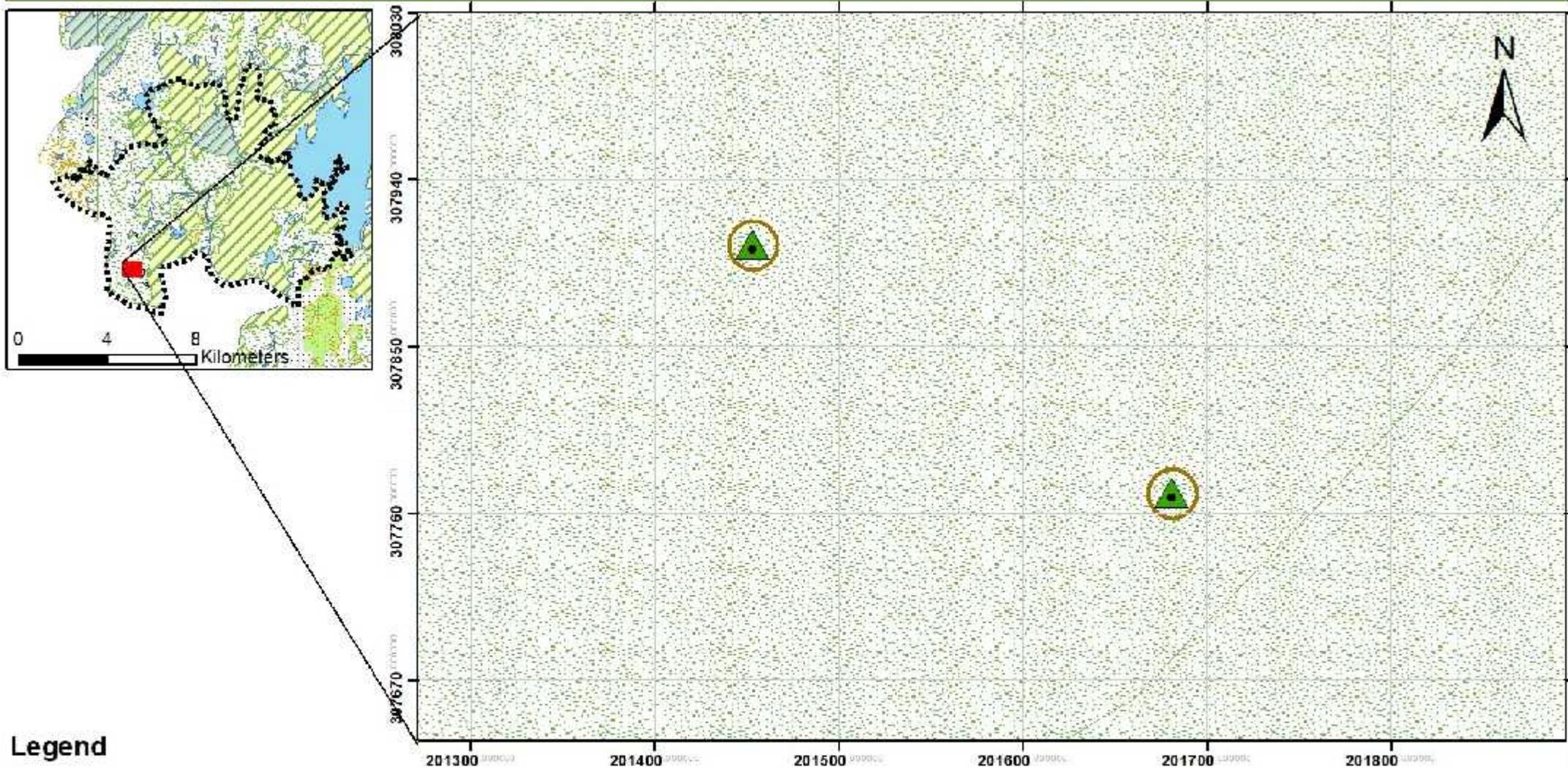


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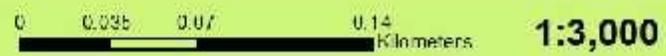
- |   |   |   |
|---|---|---|
|  Kirioya GN Boundary |  Forest Unclassified |  Roads                               |
|  Papaya Farmers      |  Home Garden         |  Papaya virus transmitting insects |
|   |  Paddy Field         |   |
|   |  Scrub               |   |

0 0.1 0.2 0.4 Kilometers **1:10,000**

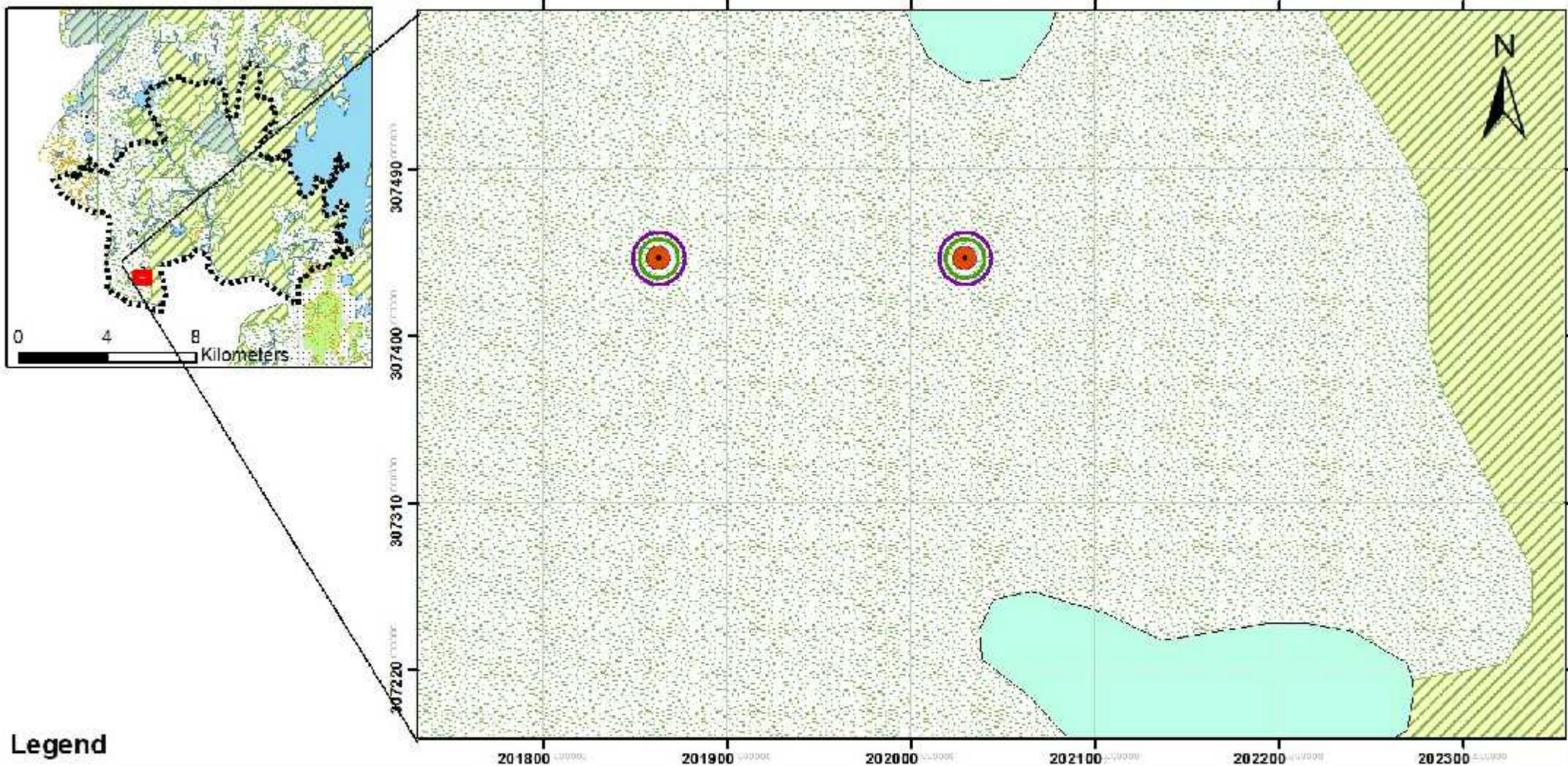
# Recorded pest damage in Bitter Gourd cluster of Maheshngama GN division , Polonnaruwa District



## Legend



# Recorded pest damage in Chili cluster of Maheshngama GN division , Polonnaruwa District



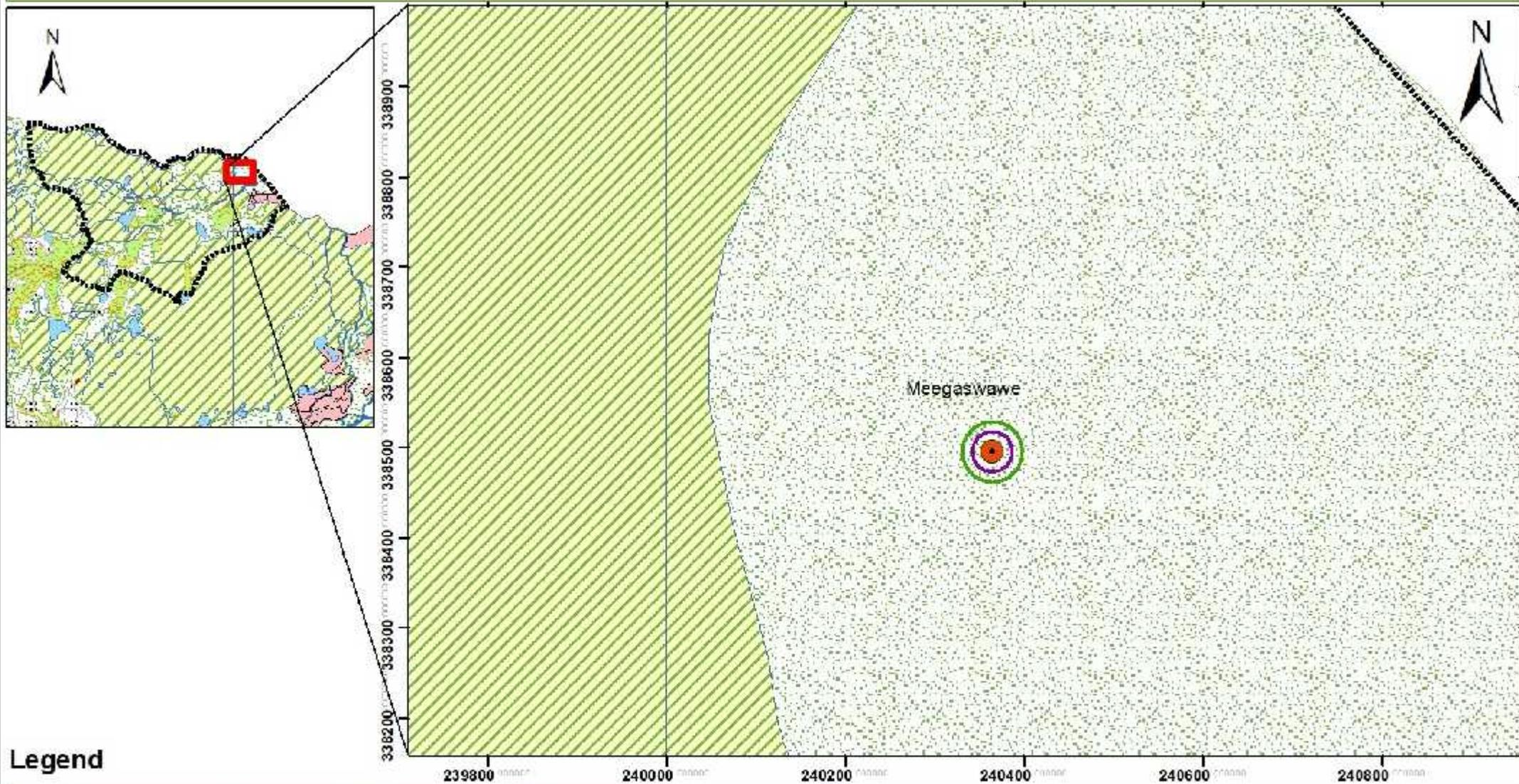
## Legend

 Mahasengama GN Boundary	 Forest Unclassified	<b>Pest Damage</b>	
 Chili Farmers	 Scrub	 Chilly NLD Related insects and Mites	 Chilly Anthracnose
 Roads	 Reservoirs		



1:3,000

# Recorded pest damage in chili cluster of Meegaswewa GN division , Polonaruwa District



## Legend

- Meegaswewa GN Boundry
- Forest Unclassified
- Chili Farmers
- Scrub
- Roads

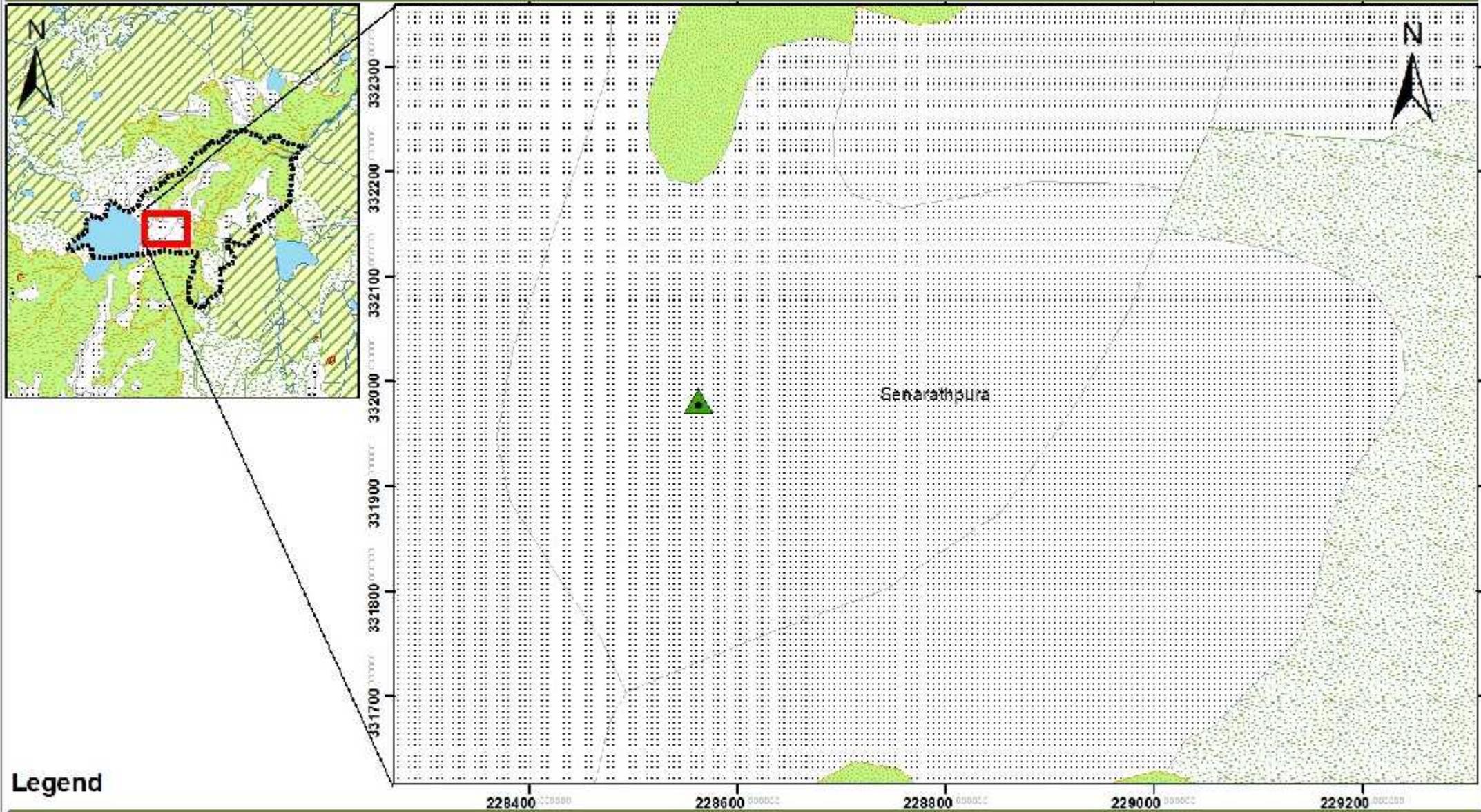
## Pest Damage

- Chilly NLD Related insects and Mites
- Chilly Anthracnose

0 0.1 0.2 0.4 Kilometers

1:6,000

# Recorded pest damage in Bitter Gourd cluster in Senarathpura GN division , Polonnaruwa District



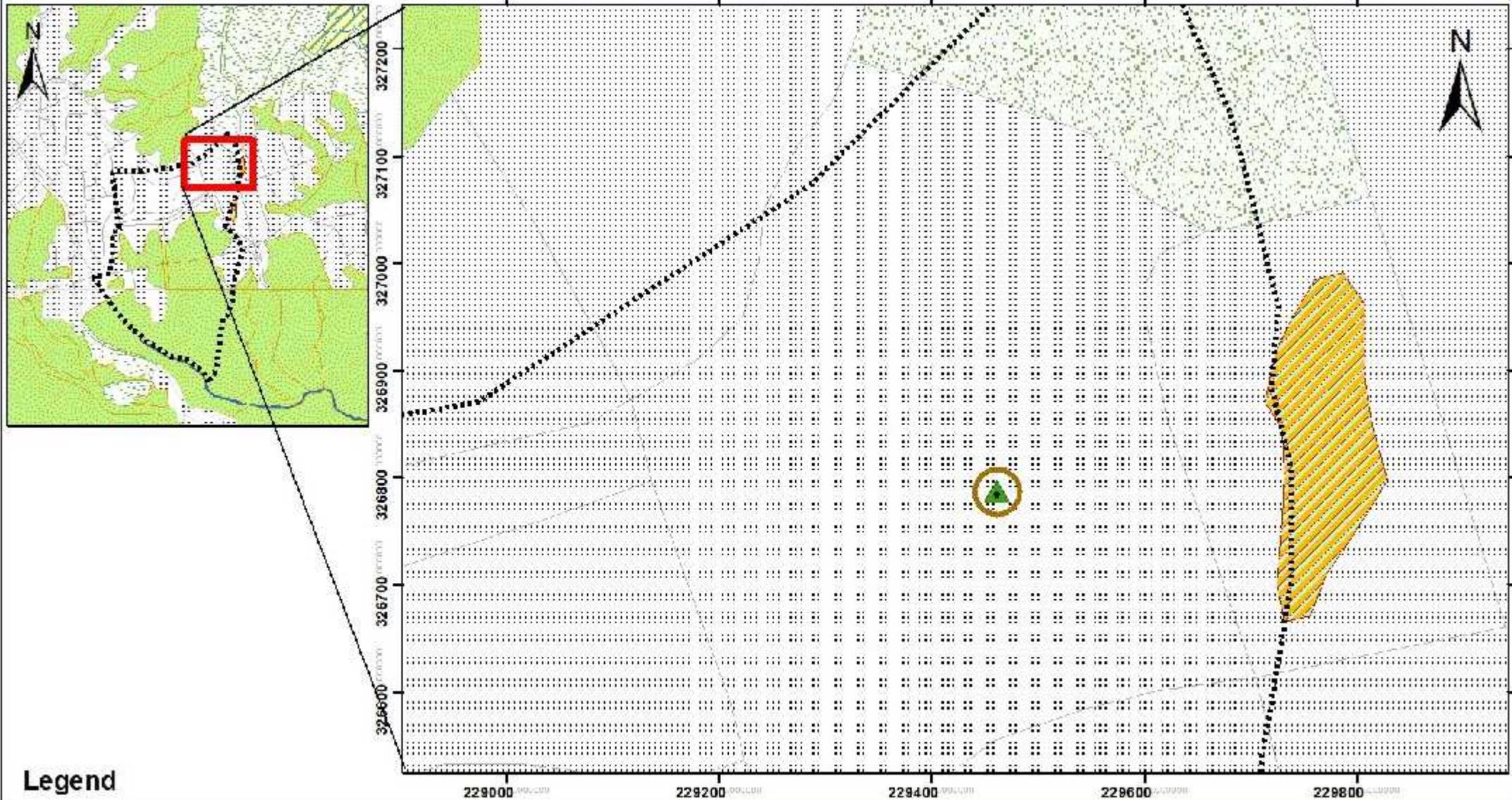
## Legend

Senarathpura GN Boundary	Home Garden	Roads
Bitter Gourd Farmers	Paddy Field	Scrub

**Pest Damage**  
Not Recorded



# Recorded pest damage in Bitter Gourd cluster in Wijayapura GN division , Polonnaruwa District



## Legend

- |   |  |   |   |
|---|--|---|---|
|  Wijayapura GN Boundary |  Home Garden  |  Roads | <b>Pest Damage</b><br> Bitter Gourdes Virus transmitting insects and mites |
|  Bitter Gourd Farmers   |  Rock Outcrop |   |   |
|   |  Scrub        |   |   |

0 0.05 0.1 0.2 Kilometers **1:5,000**



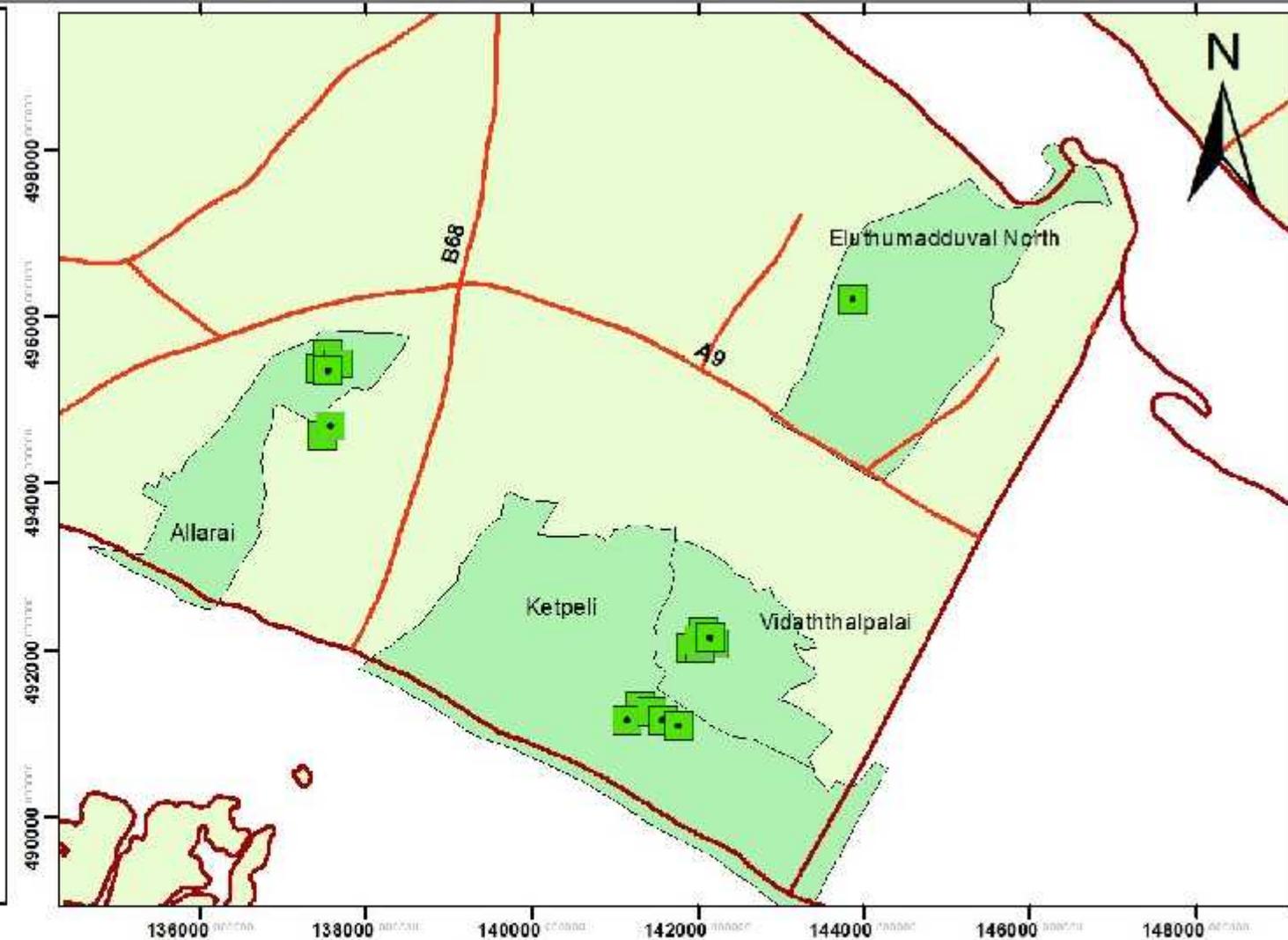
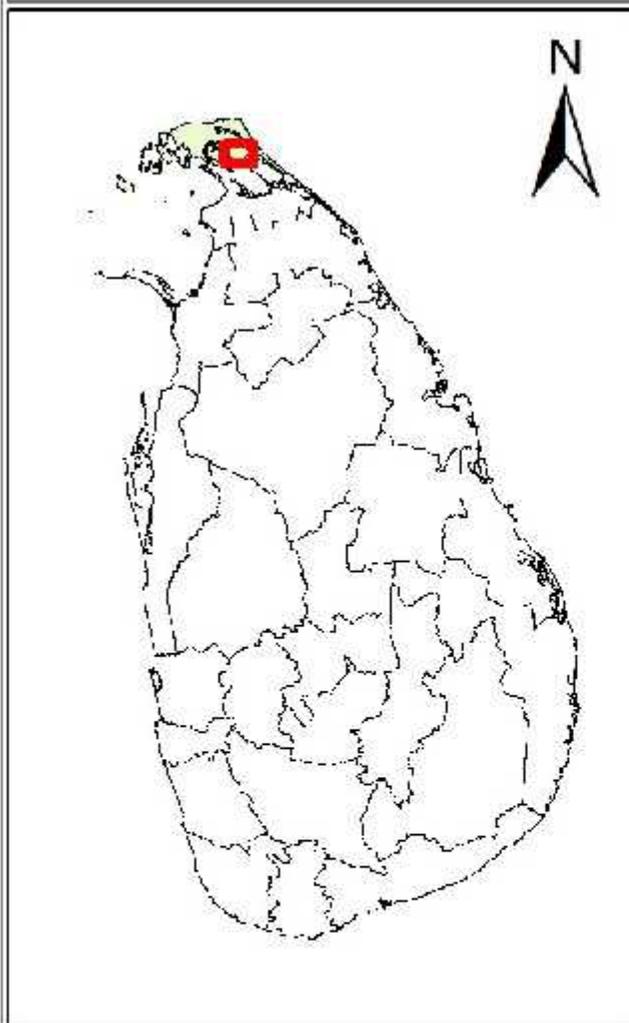
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**VOLUME 02**

**Mapping of ASMP Clusters**

**NORTHERN PROVINCE**

# Locations of ASMP clusters in Jaffna District



## Legend

### Clusters

 Mango Cluster

### Farmers

 Mango Farmers

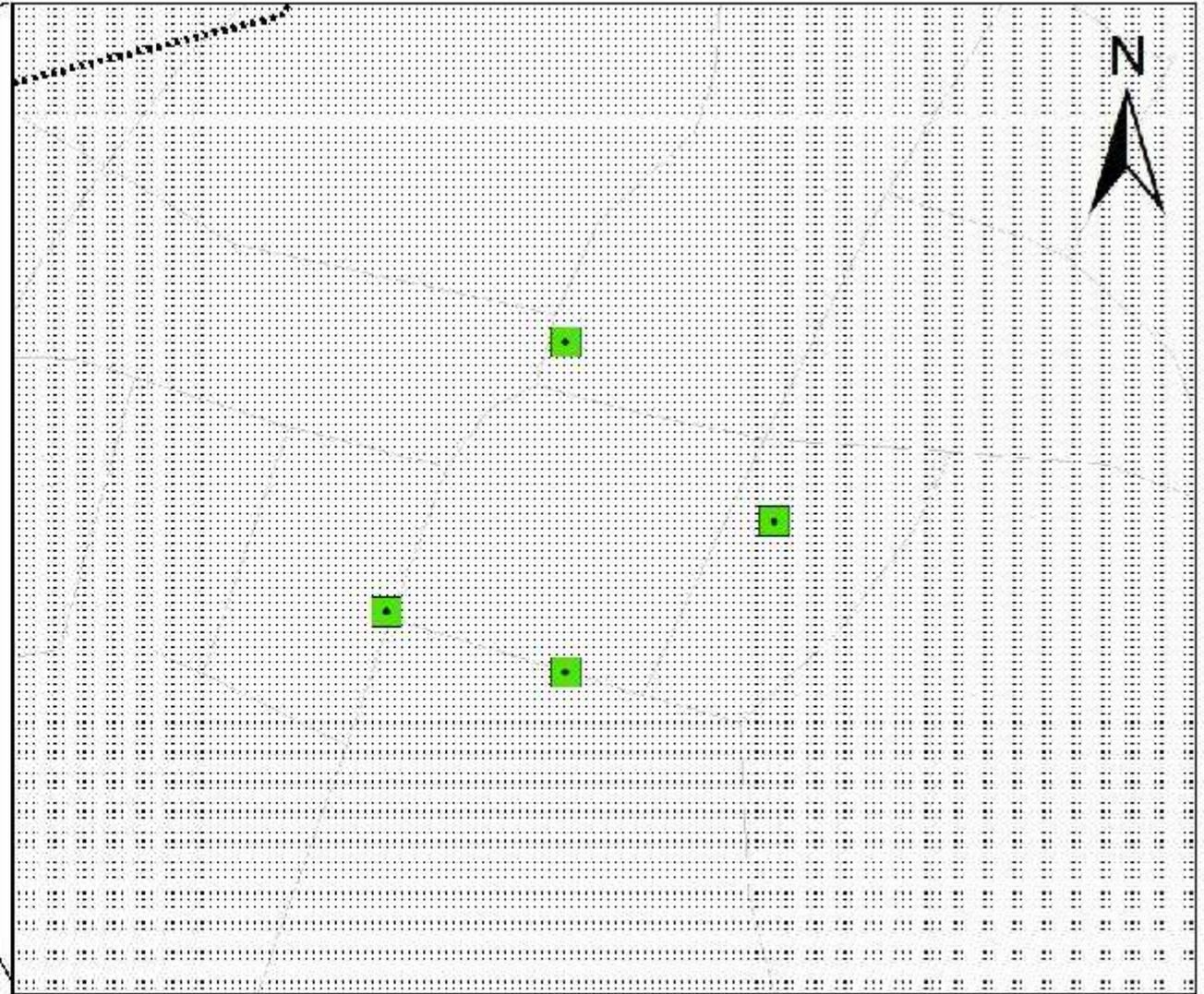
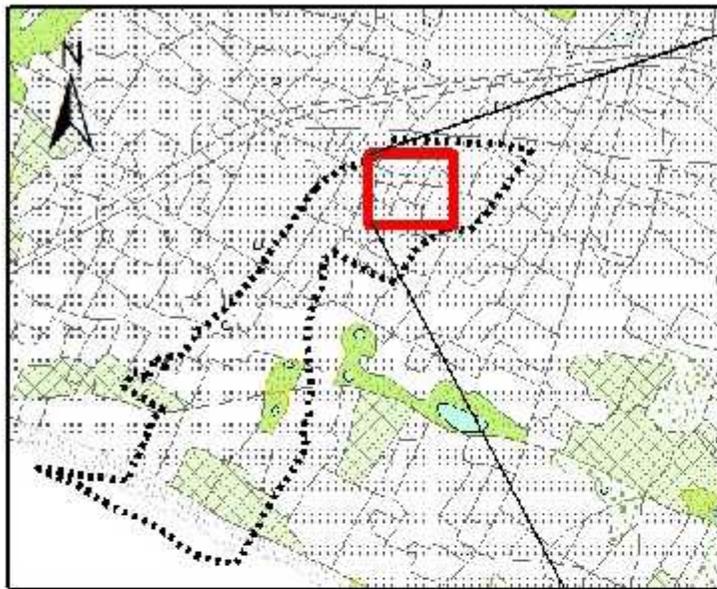
 Road

 DS Boundary

0 1 2 4 Kilometers

1:80,000

# Recorded pest damage in Mango cluster of Allarai GN division , Jaffna District



## Legend



Allarai GN Boundary



Home Garden



Mango Farmers



Paddy Field



Road

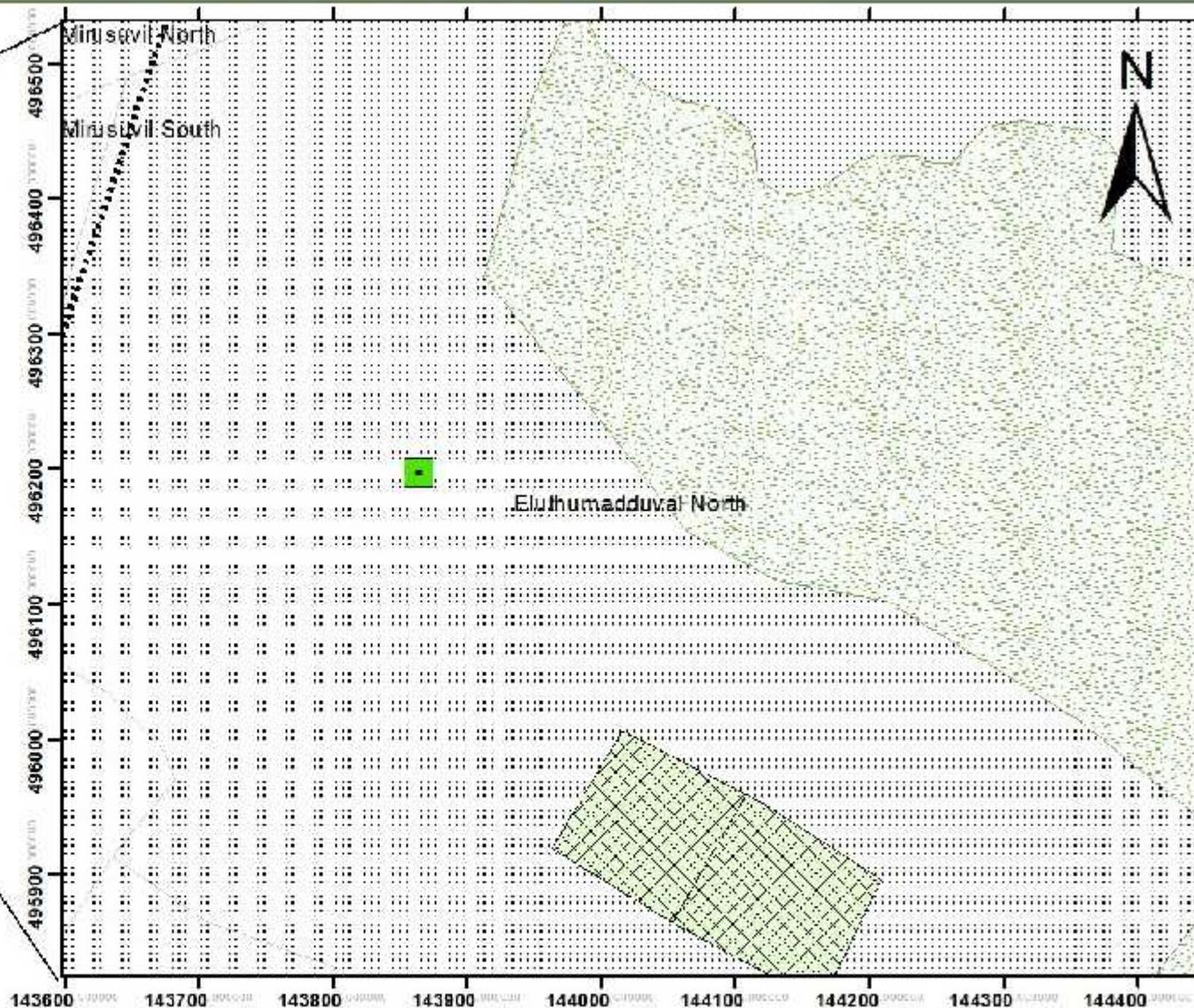
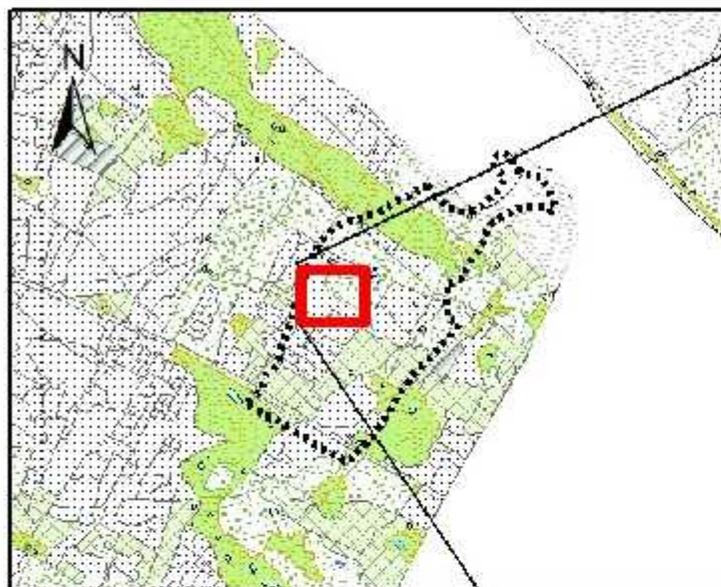
Pest Damage

Not Recorded

0 0.05 0.1 0.2  
Kilometers

1:4,000

# Recorded pest Damage in Mango cluster of Eluthumadduval GN division , Jaffna District



## Legend

-  Eluthumadduval GN Boundary
-  Mango Farmers
-  Road
-  Scrub
-  Home Land

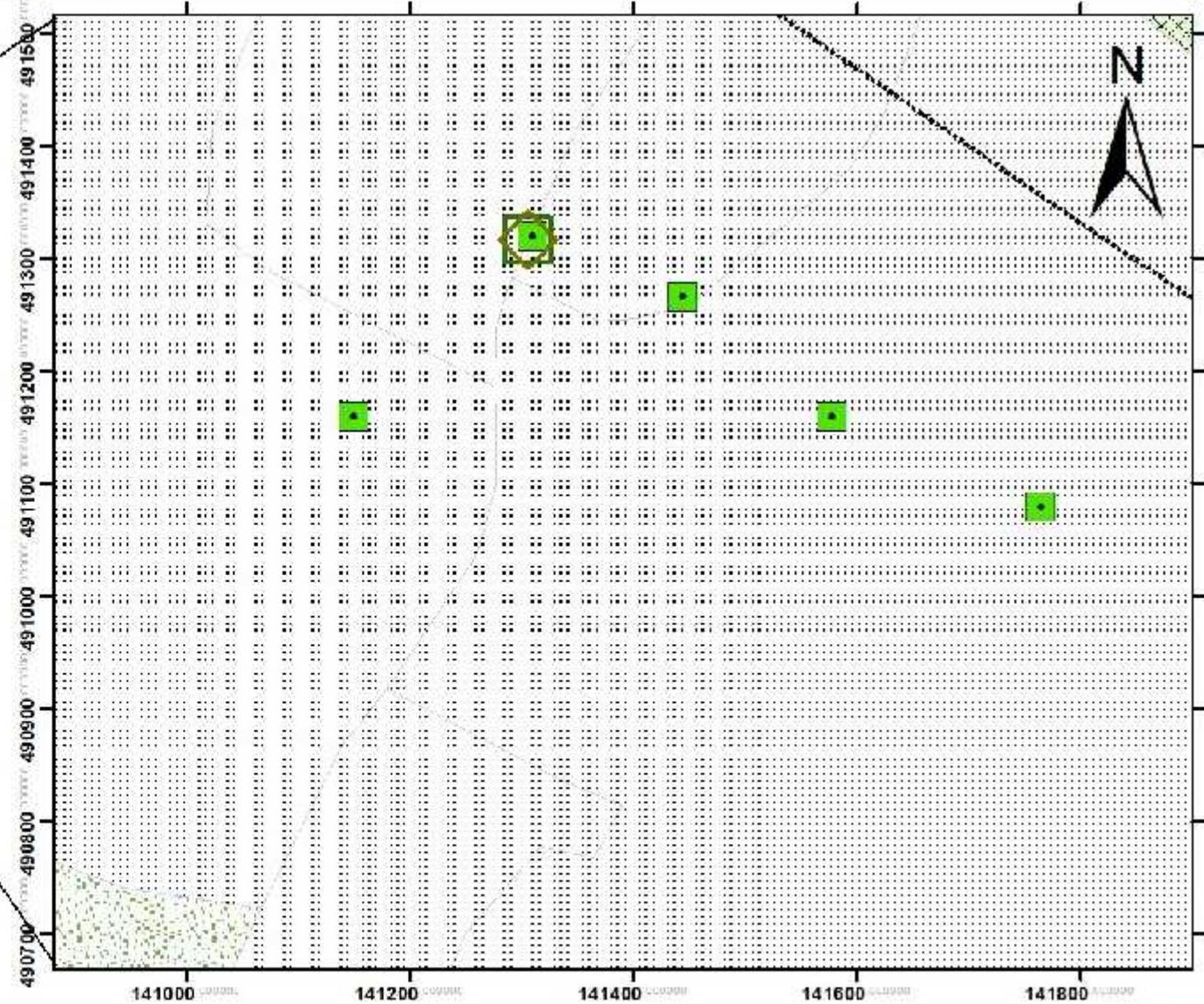
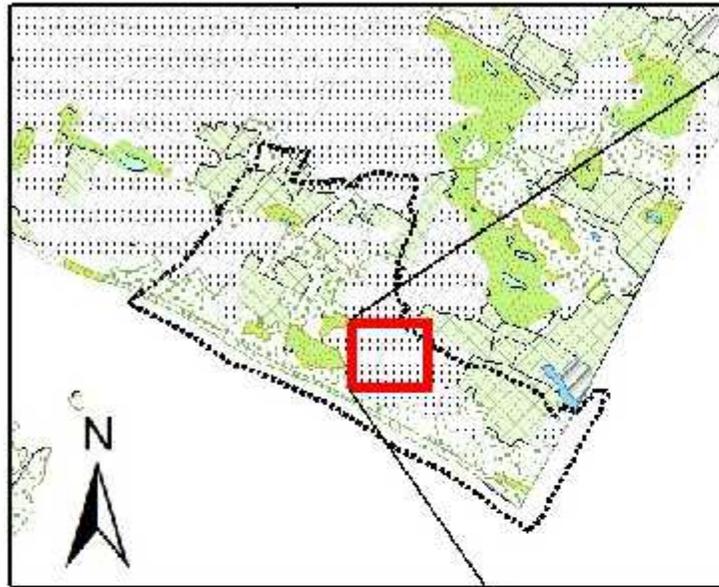
## Pest Damage

Not Recorded

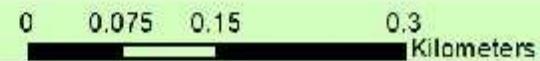
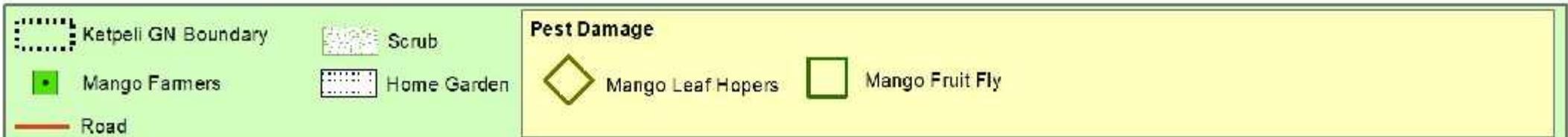
0 0.05 0.1 0.2 Kilometers

1:5,000

# Recorded pest damage in Mango cluster of Ketpeli GN division , Jaffna District

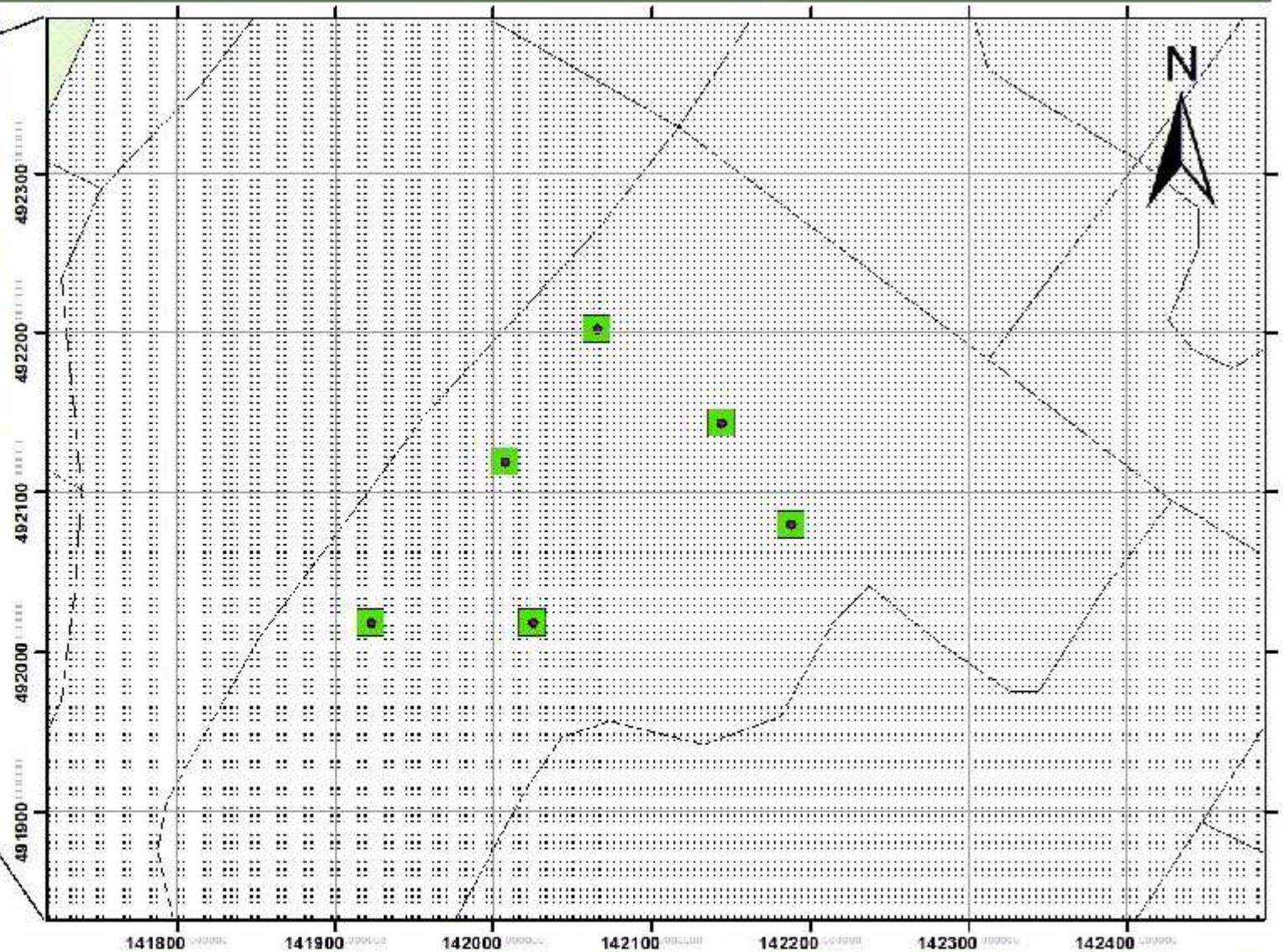
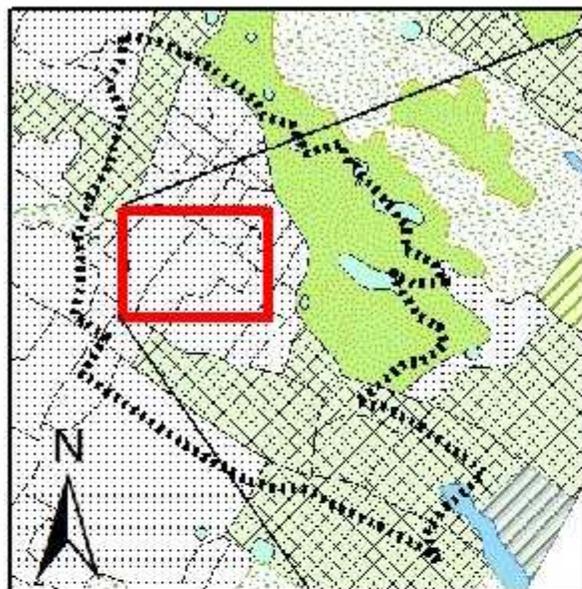


## Legend



1:6,000

# Recorded pest damage in Mango cluster of Vidaththalpalai GN division , Jaffna District



## Legend

- Vidaththalpalai GN Boundary
- Home Garden
- Mango Farmers
- Road

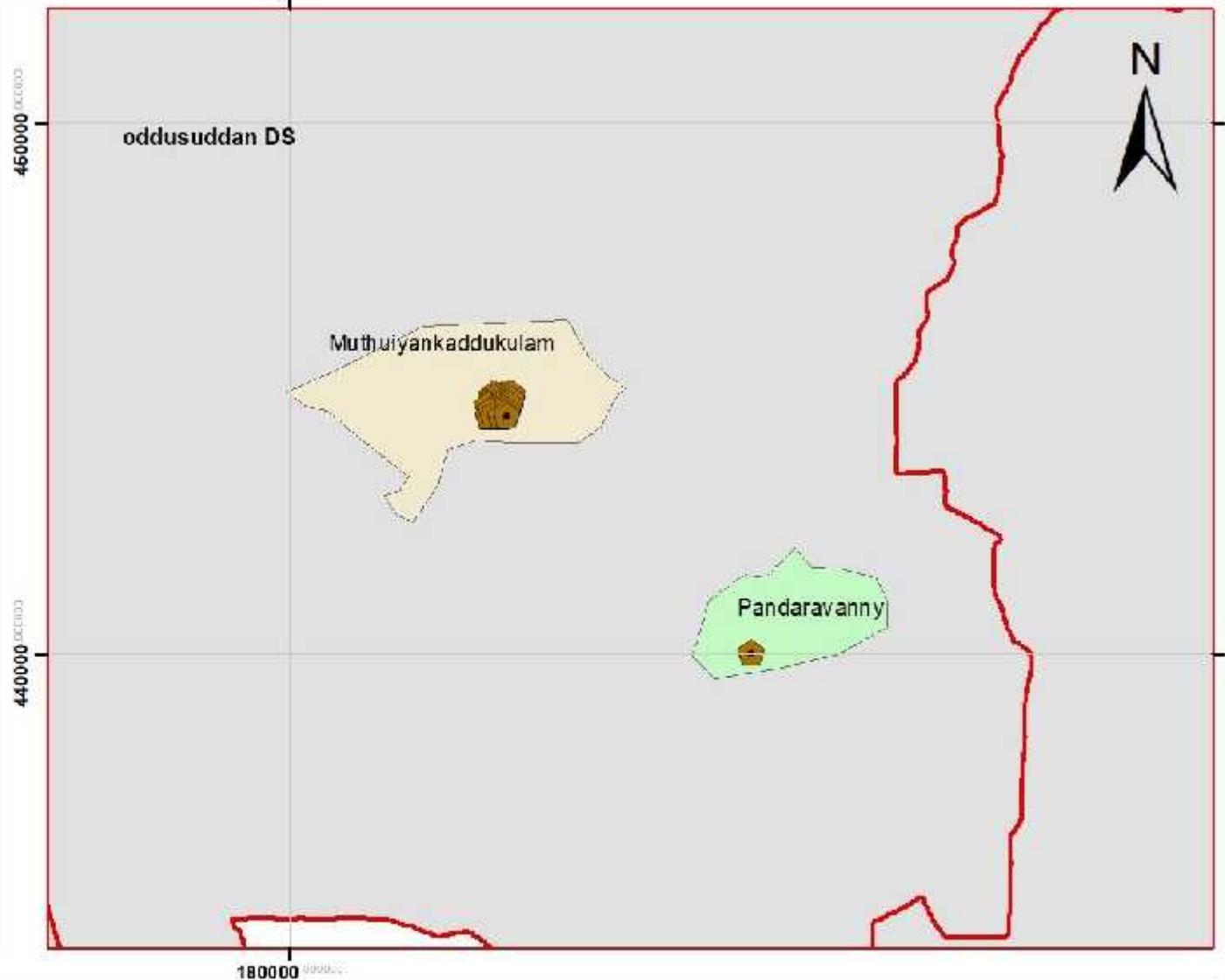
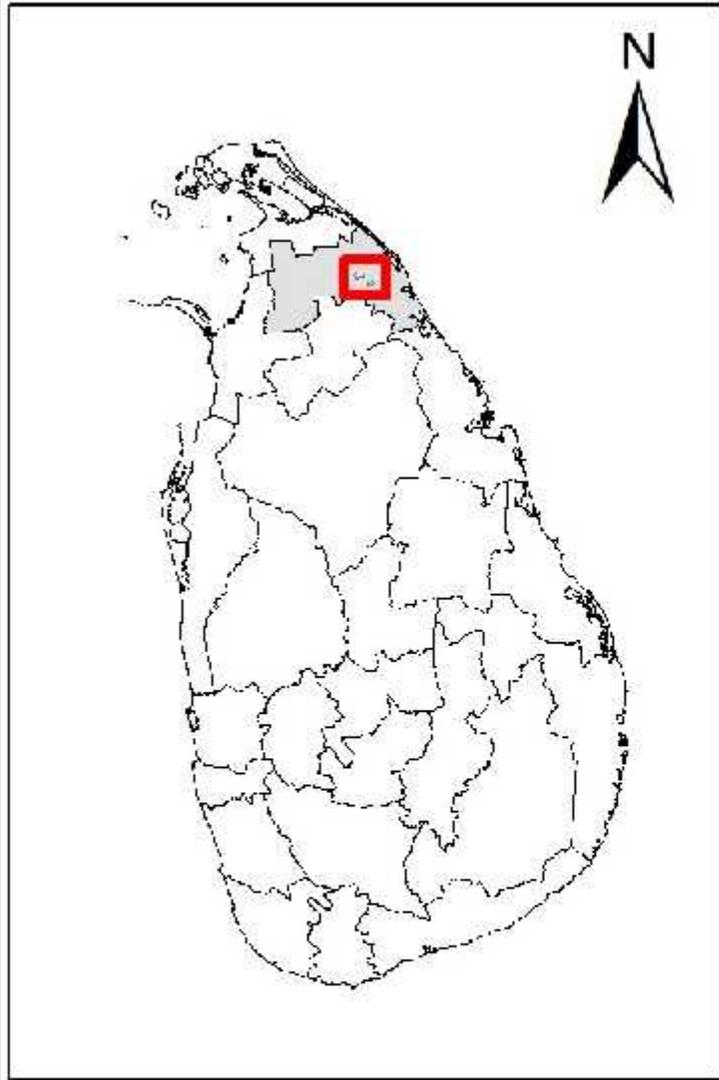
## Pest Damage

Not Recorded

0 0.05 0.1 0.2 Kilometers

1:4,000

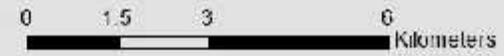
# Locations of ASMP clusters in Mullaitivu District



**Clusters**  
Ground Nut Cluster

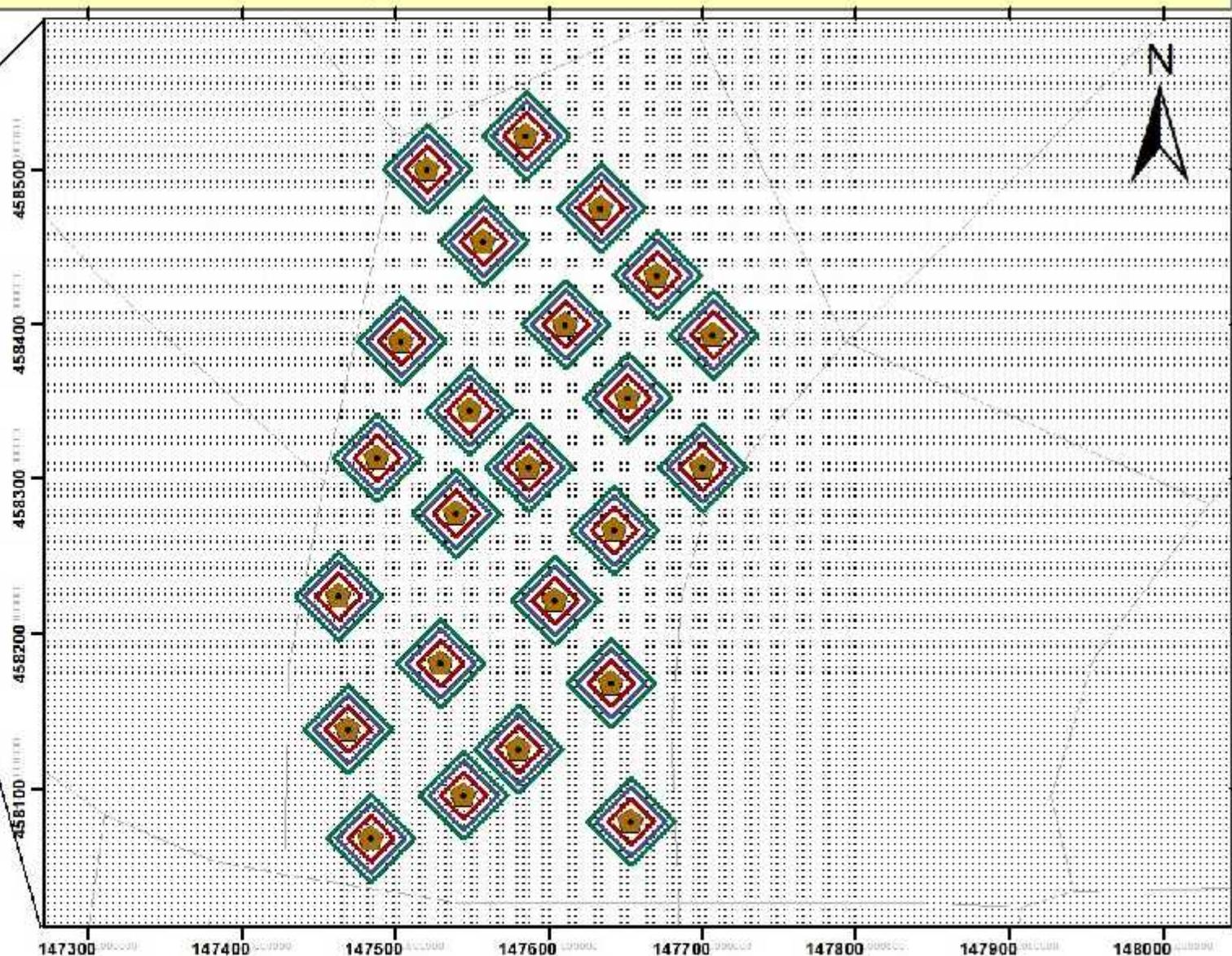
**Farmers**  
Ground nut Farmers

DS Division



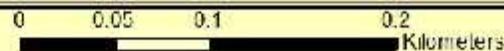
1:125,000

Recorded pest damage in Ground nut cluster of Muthaiyankaddukulam GN division, Mullative District



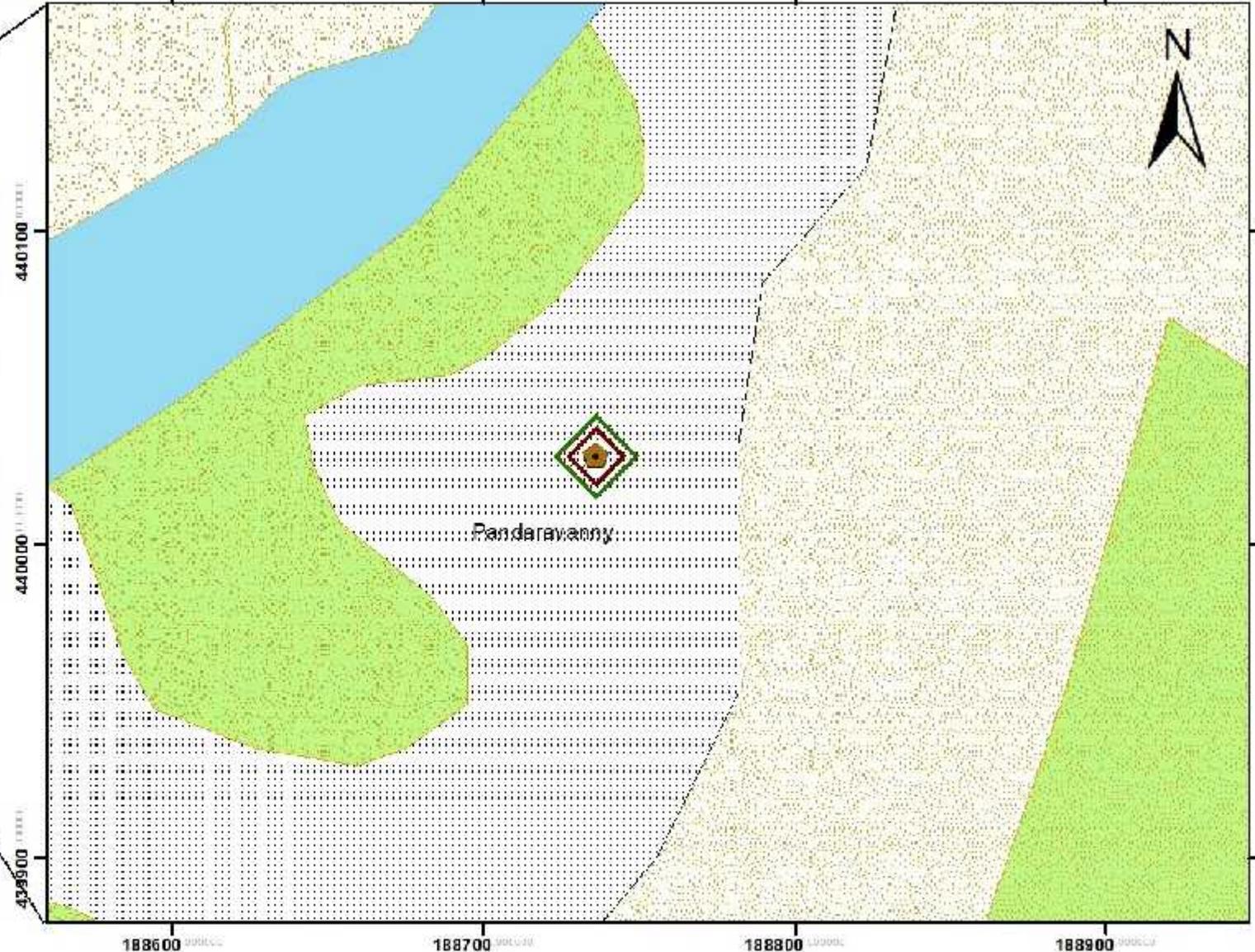
Legend

-  Muthaiyankaddukulam GN Boundary
-  Ground Nut Farmers
-  Road
-  Home Garden
- Pest Damage**
-  Ground Nut Aphids
-  Ground Nut Root Termites
-  Ground Nut Mites



1:4,000

# Recorded pest damage in Ground nut cluster of Pandaravanny GN division , Mullaitivu District



## Legend

- |                          |             |      |                    |                   |
|--------------------------|-------------|------|--------------------|-------------------|
| Pandaravanny GN Boundary | Paddy Field | Tank | <b>Pest Damage</b> |                   |
| Ground Nut Farmers       | Chena       |      | Ground Nut Mites   | Ground Nut Aphids |
| Road                     | Home Garden |      |                    |                   |

0 0.025 0.05 0.1 Kilometers

1:2,000



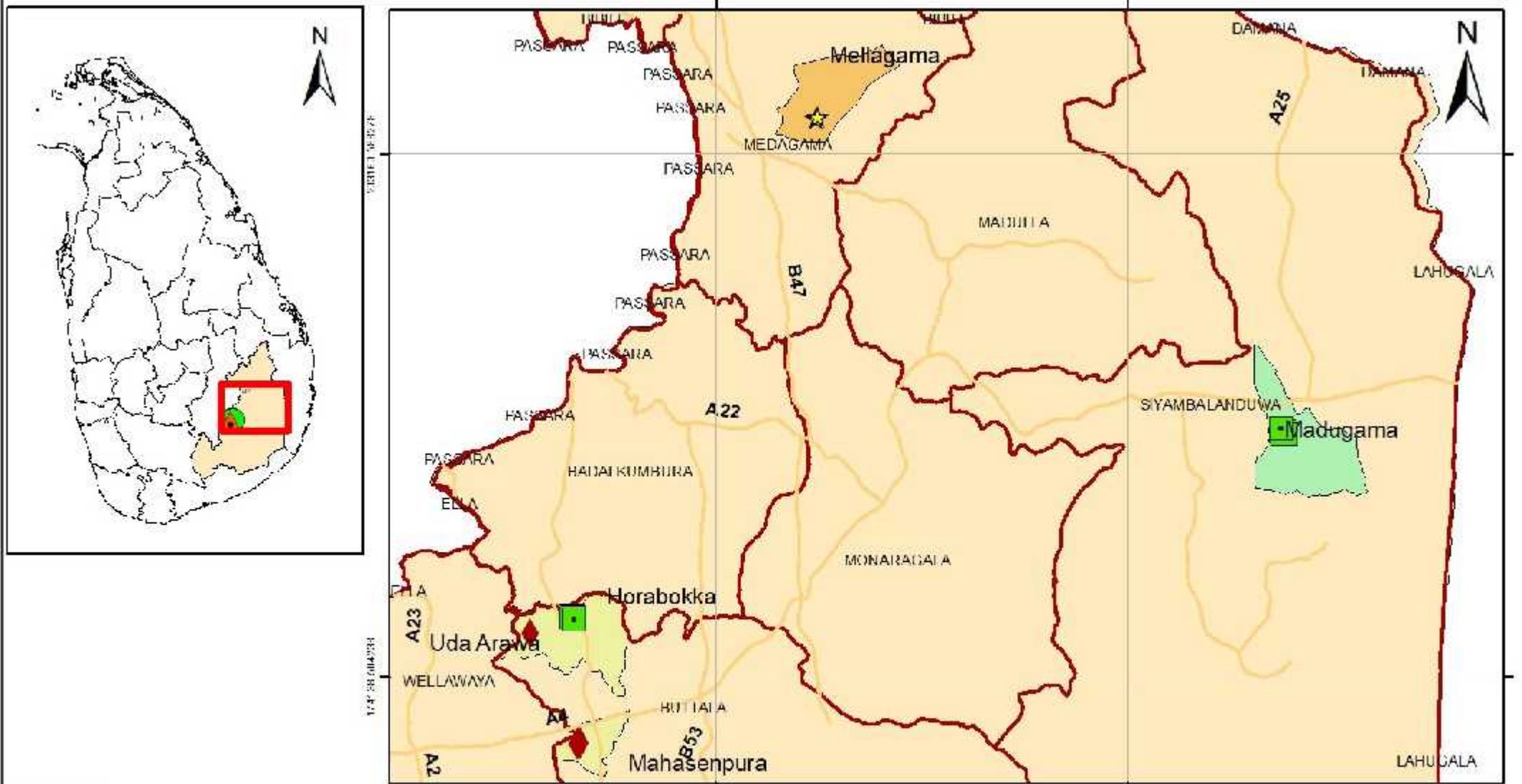
**Assessment of Current Pest Management Strategies Implemented by the  
MoA  
&  
Preparation of a Pest Management Action Plan**

**VOLUME 02**

**Mapping of ASMP Clusters**

**UVA PROVINCE**

# Locations of ASMP clusters in Monaragala District



## Legend

### Clusters

- Mango Cluster
- Passion Fruit Cluster
- Pineapple Cluster

### Farmers

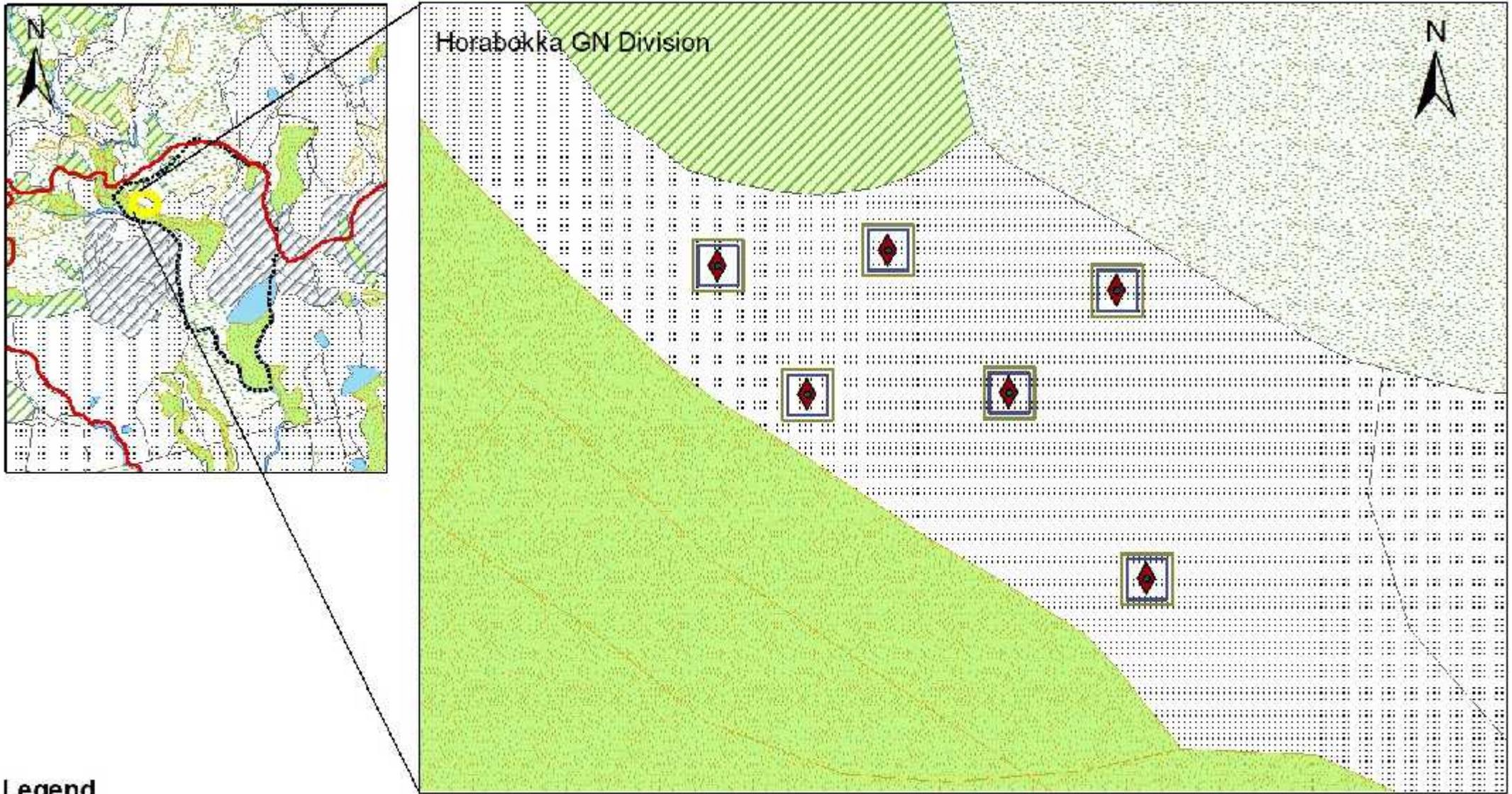
- Mango Farmers
- Pineapple Farmers
- Passion fruit Farmers

- Roads
- DS Boundary

0 5 10 20 Kilometers

1:300,000

# Recorded pest damage in Passion fruit cluster of Horabokka GN division, Monaragala District



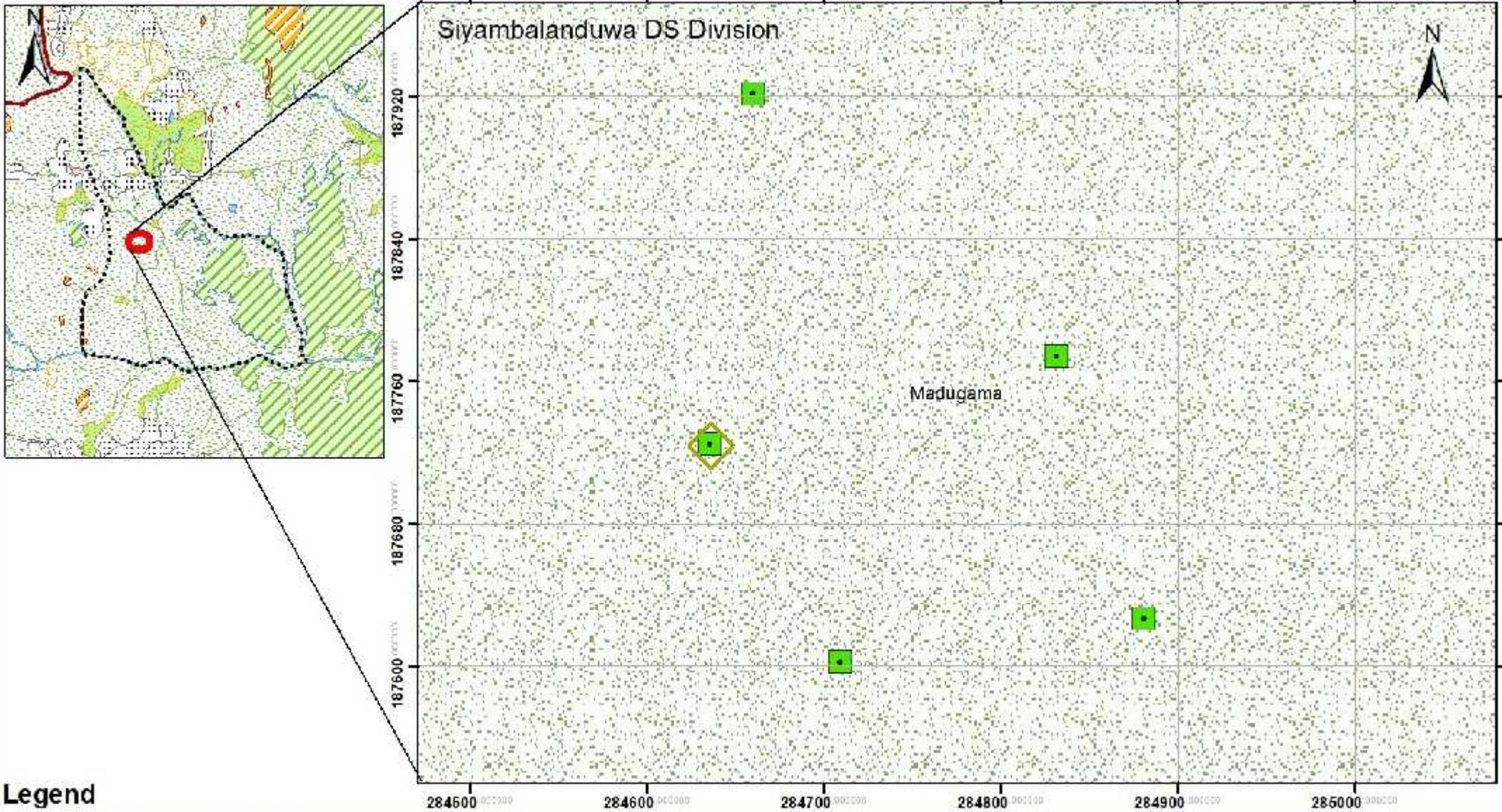
## Legend

- |                       |                     |   |
|-----------------------|---------------------|---|
| Horabokka GN Boundary | Home                | Passion fruit insects (NLD Related insects and Mites) |
| Passion fruit farmers | Forest unclassified | Passion fruit color rot and fusarium rot              |
| Roads                 | Paddy Field         |   |

0 0.1 0.2 Kilometers

1:3,000

# Recorded pest damage in Mango cluster of Madugama GN division , Monaragala District



## Legend

- Madugama GN Boundary
- Mango farmers
- Roads

Grassland

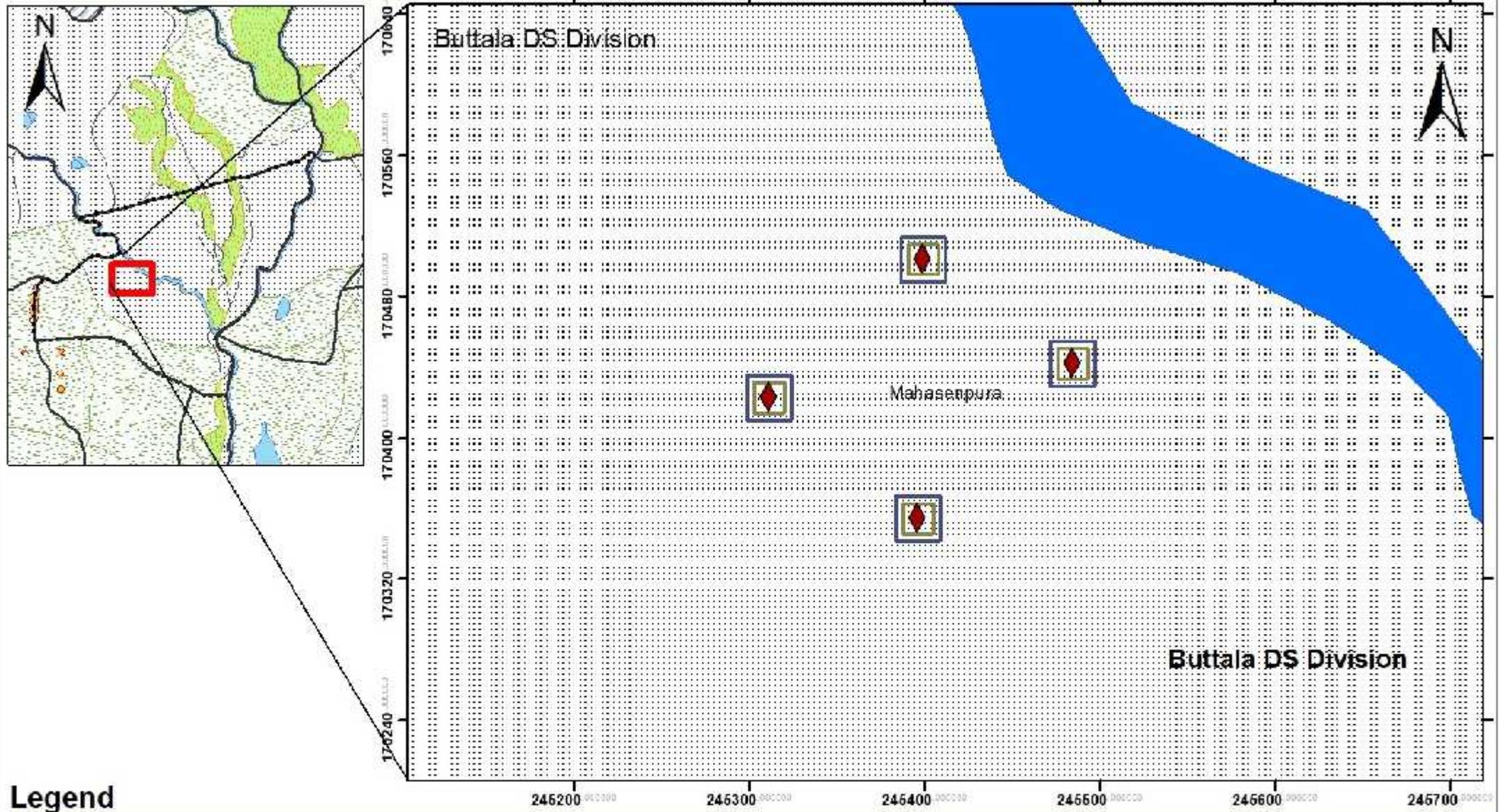
## Pest Damage

- Mango Leaf Hoppers

0 0.1 0.2 Kilometers

1:3,000

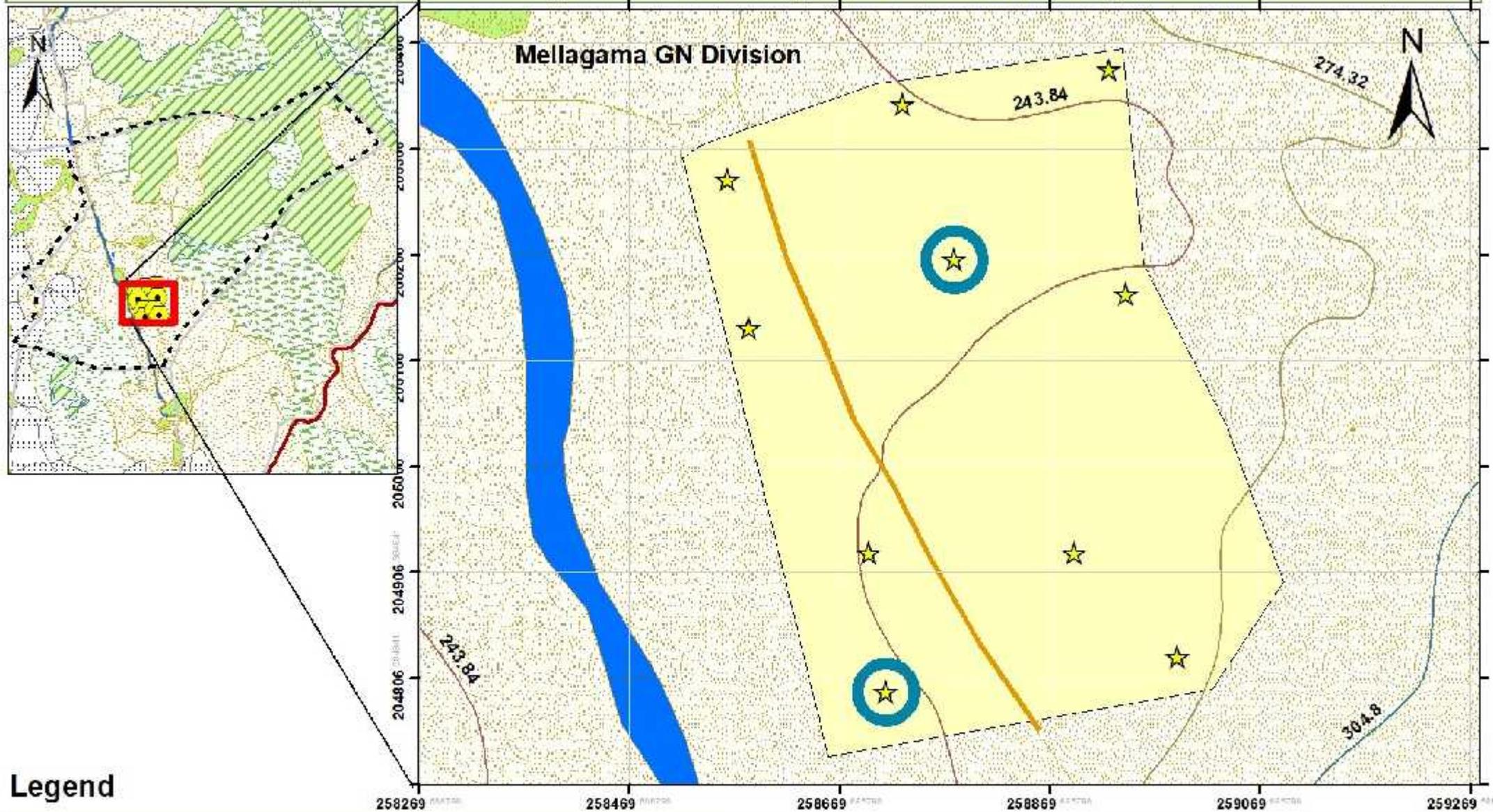
# Recorded pest damage in Passion fruit cluster in Mahasenpura GN division , Monaragala District



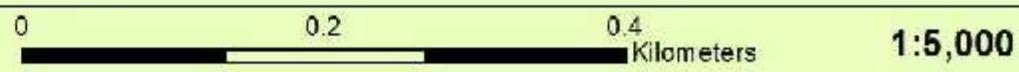
## Legend

 Mahasenpura GN Boundary	 Homesteads	<b>Pest Damage</b>	
 Passion fruit farmers	 Stream	 Passion fruit color rot and fusarium rot	 Passion fruit insects(NLD Related insects and Mites)
 Roads		0      0.1      0.2 Kilometers	
			<b>1:3,000</b>

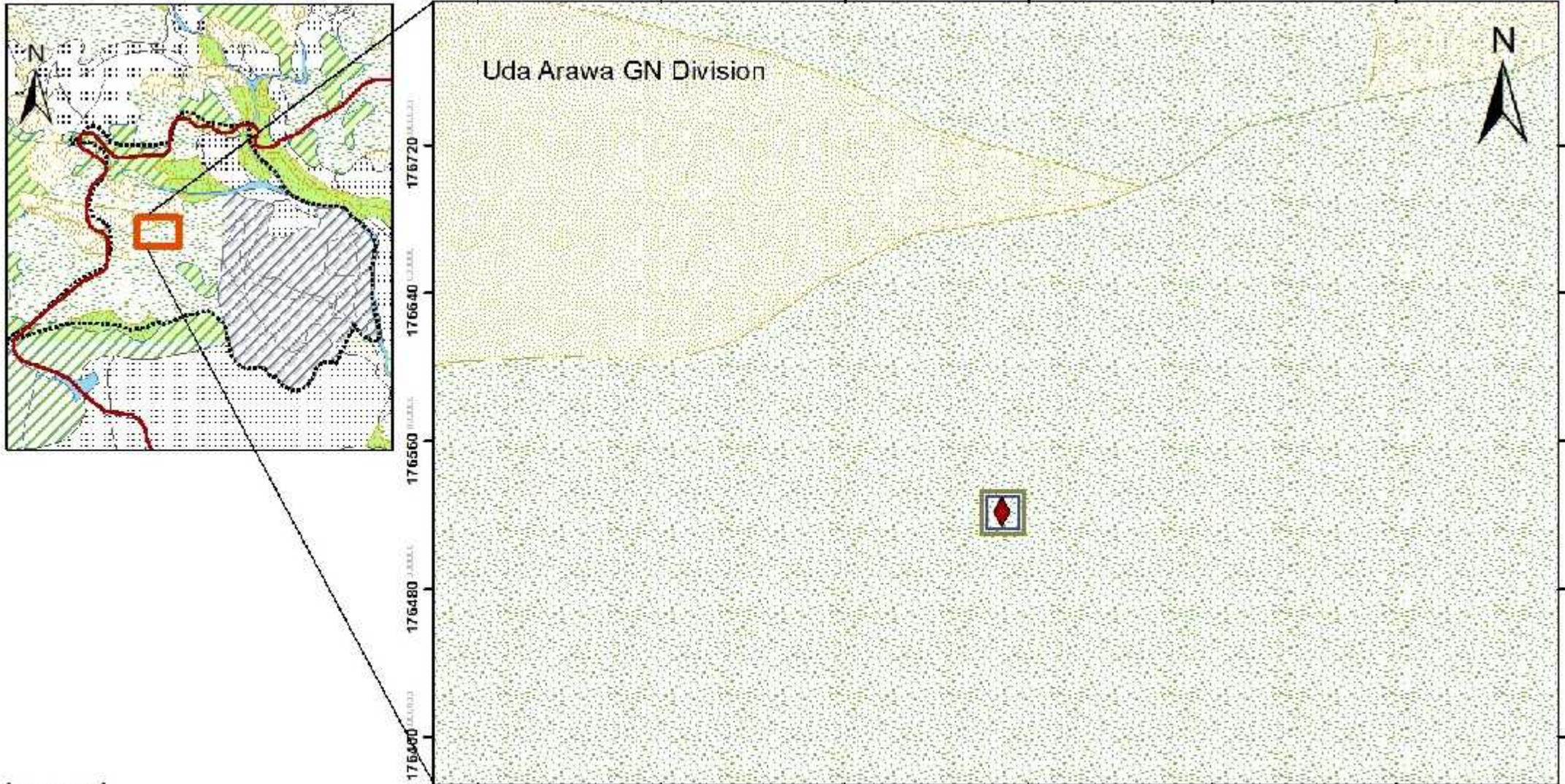
# Recorded pest damage in Pineapple cluster of Mellagama Gn division , Monaragala District



## Legend

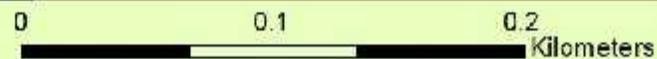


# Recorded pest damage in Passion fruit cluster in Uda arawa Gn division , Monaragala District



## Legend

Uda Arawa GN Boundry	Grassland	Pest Damage	Passion fruit insects(NLD Related insects and Mites)
Passion Fruit Famers	Chenna		Passion fruit color rot and fusarium rot
	Roads		



1:3,000

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