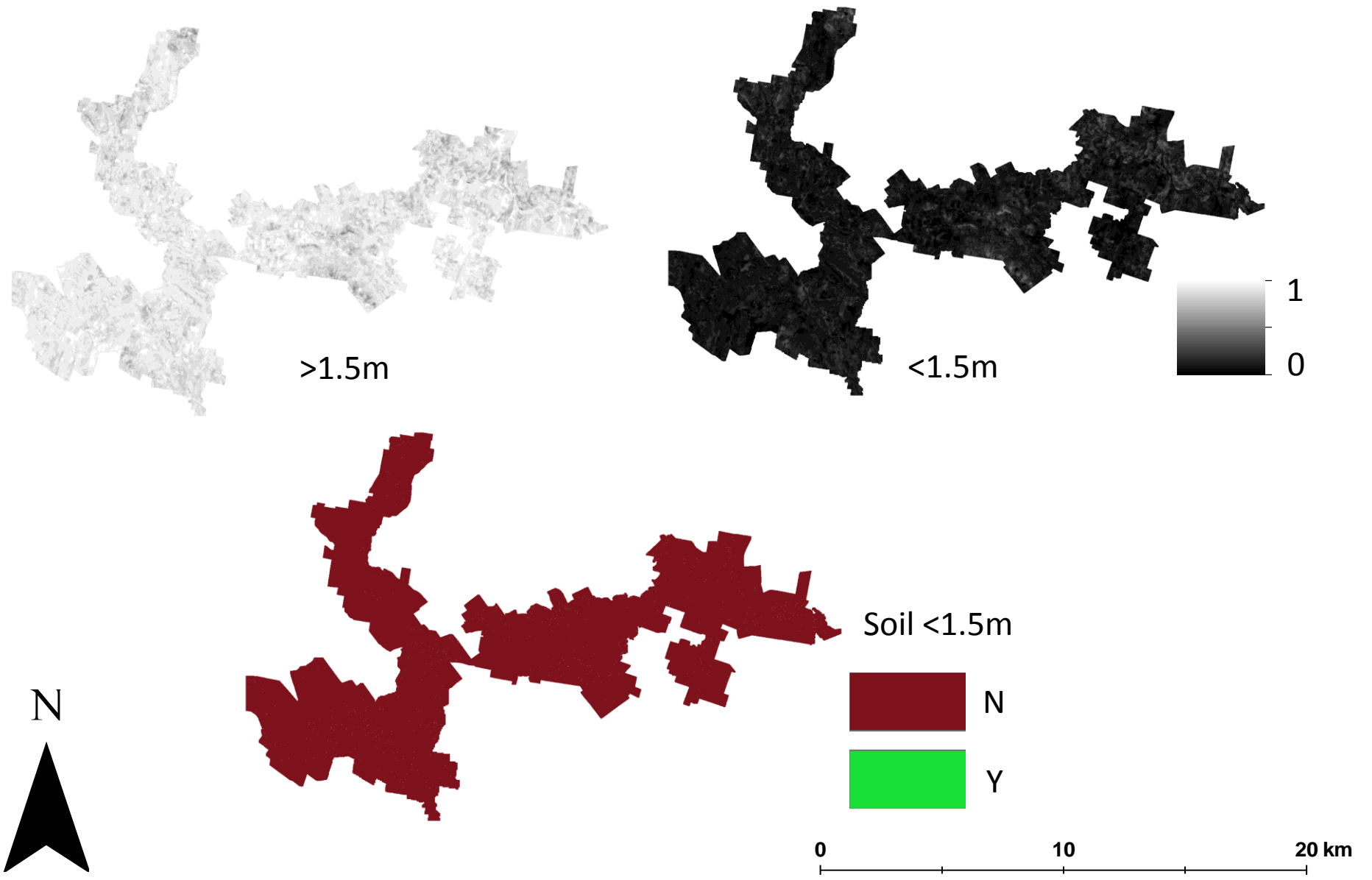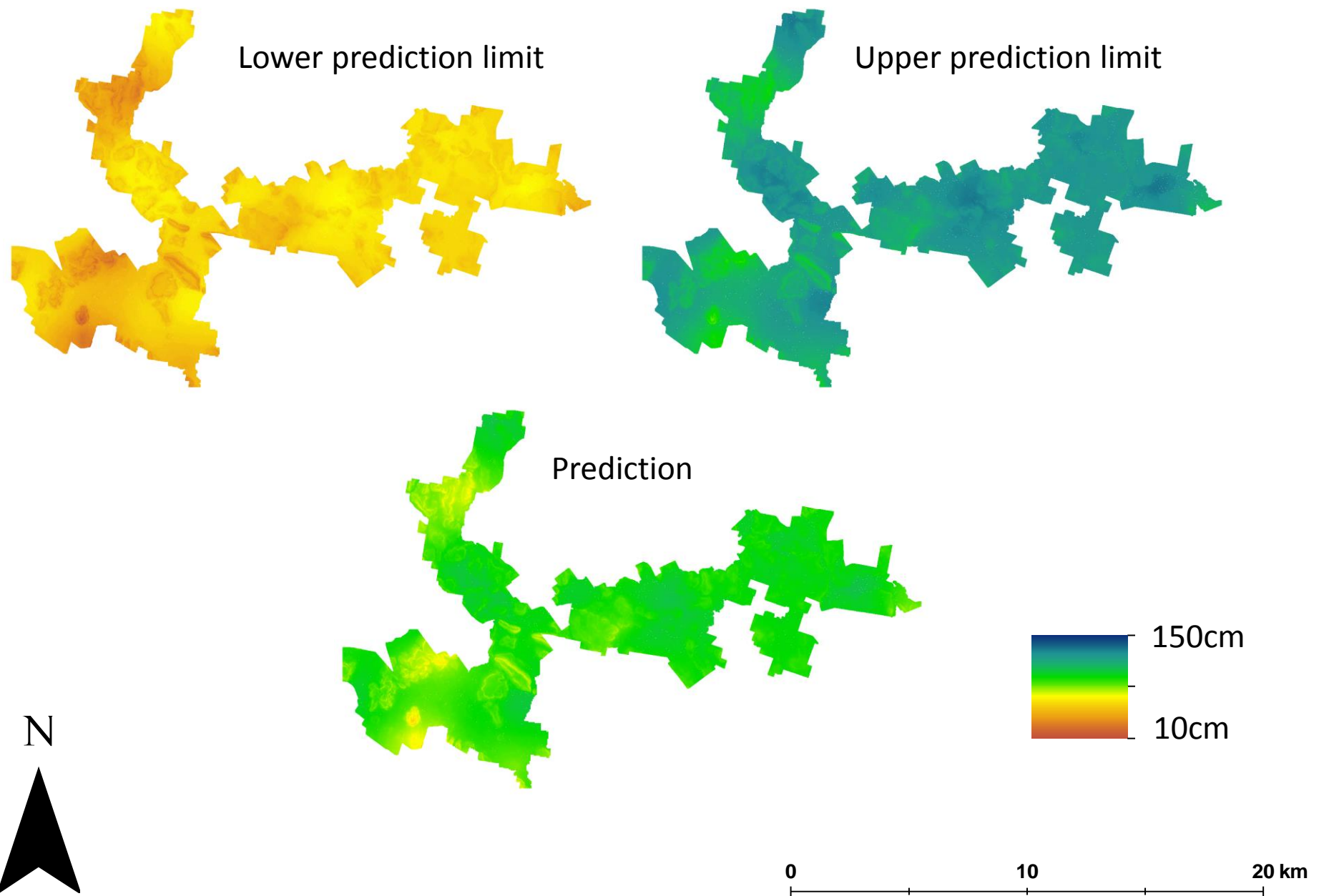# Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania

SOIL DEPTH

1. Probability of soil depth <1.5m and >1.5m most likely outcome.

>1.5m

<1.5m

1

0

Soil <1.5m

N

N

Y

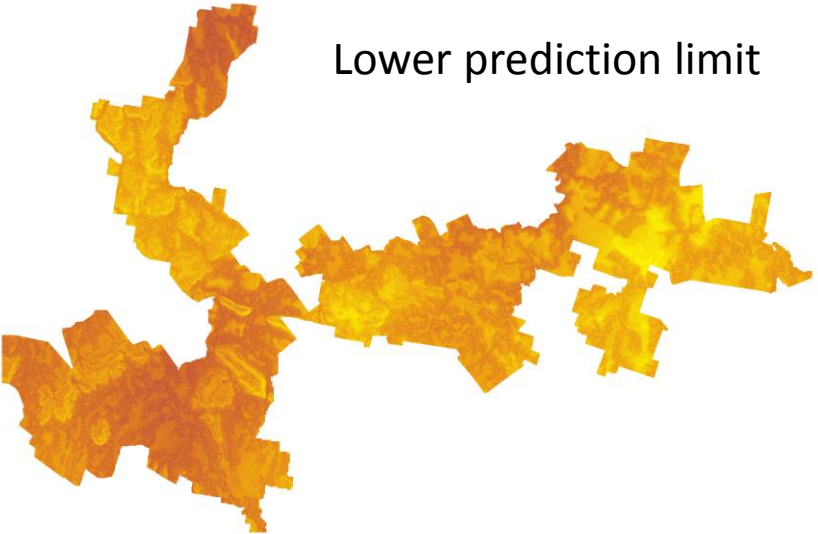0   10   20 km

Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
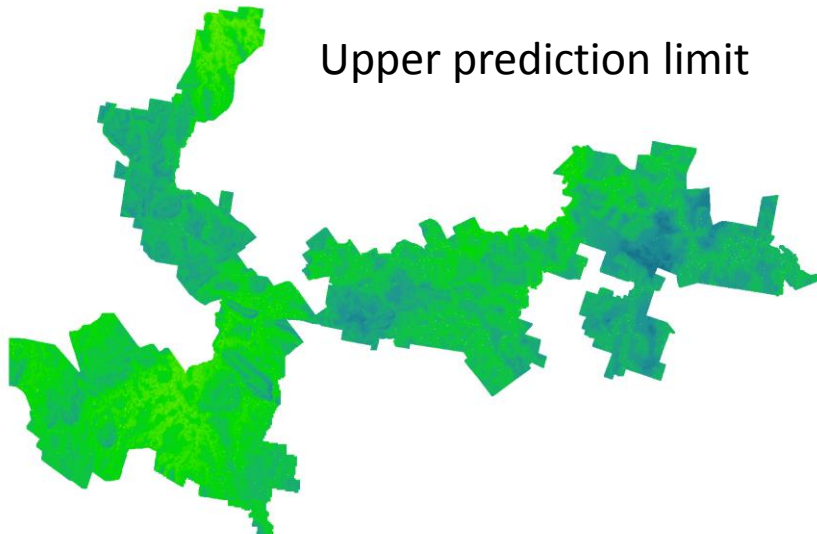## SOIL DEPTH and 90% upper and lower prediction limits

Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
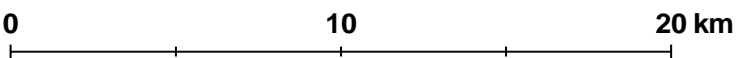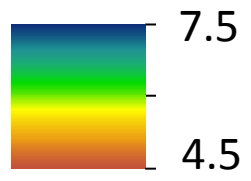## SOIL pH (1:5 soil:water) top 15cm
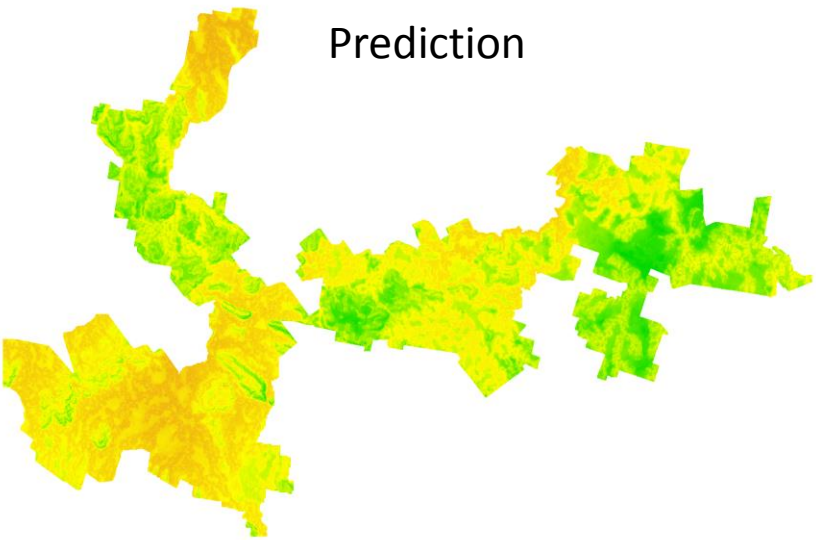

Lower prediction limit

Upper prediction limit
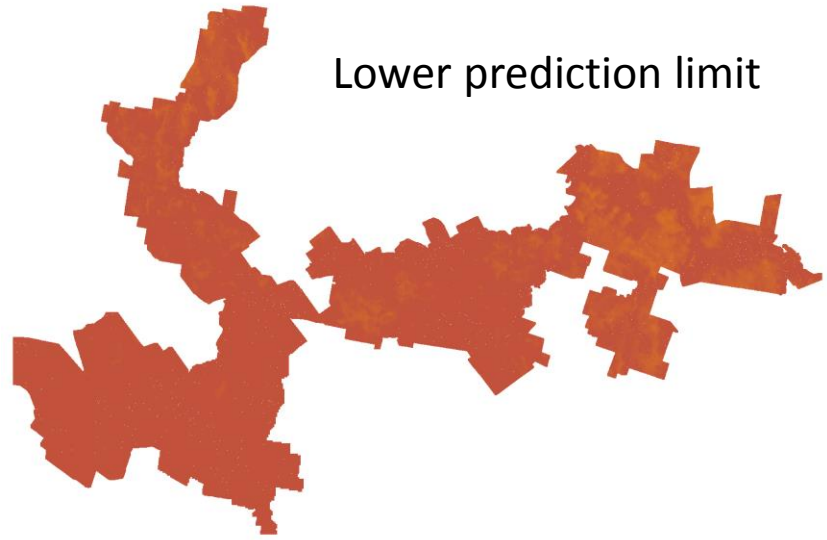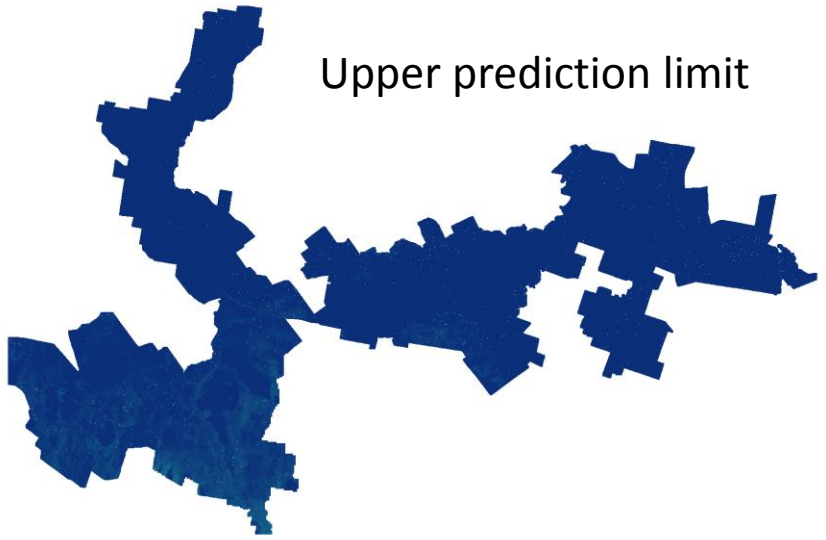
Prediction

N

7.5

4.5

0   10   20 km

Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
SOIL EC (dS/m) top 15cm
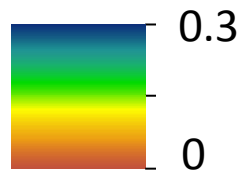
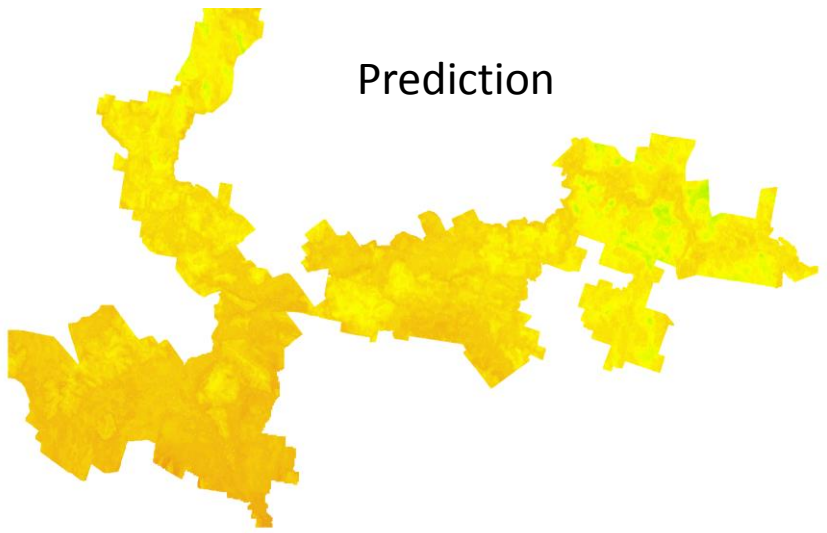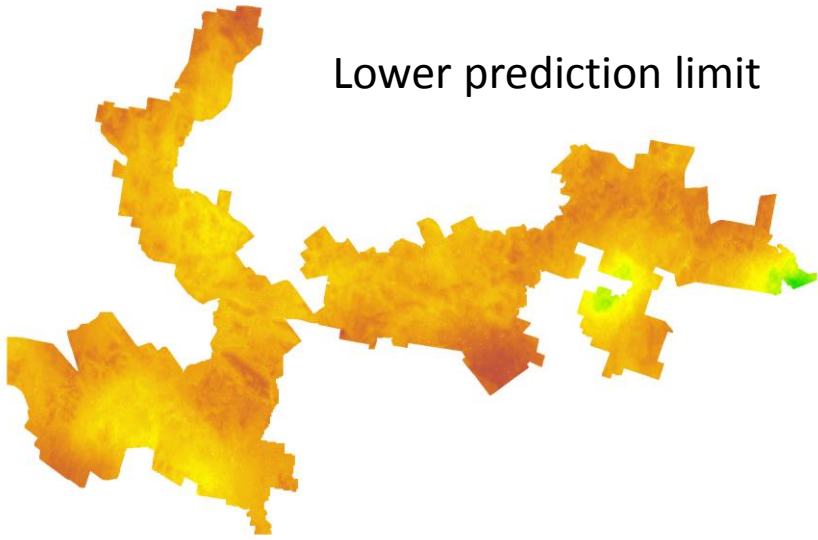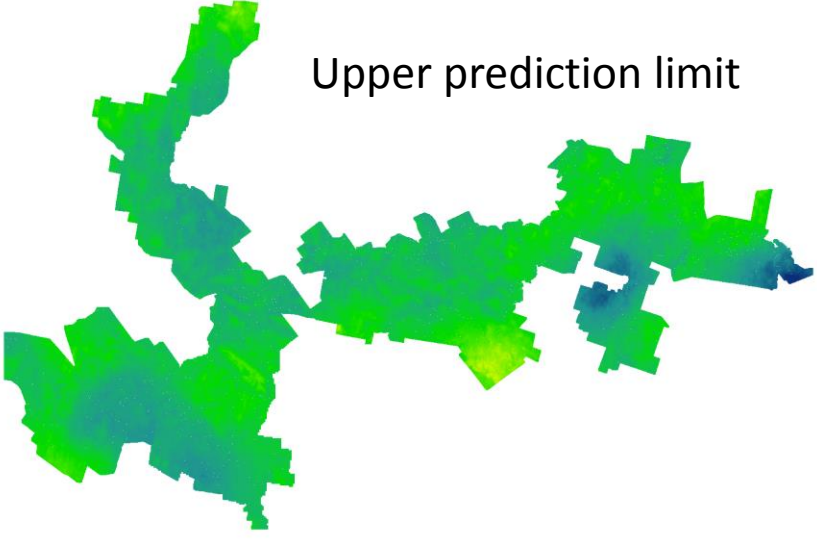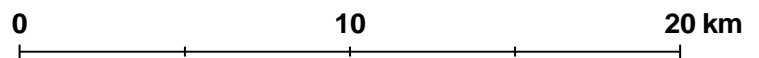# Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
SOIL Texture (clay %) top 15cm

Lower prediction limit

Upper prediction limit

Prediction

N

65

0

0   10   20 km

Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
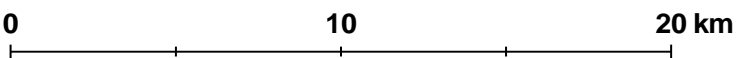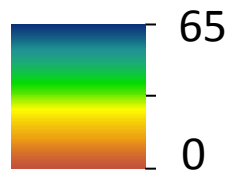**SOIL Drainage (continuous index) 1 = Very poorly drained, 6 = Rapidly drained**
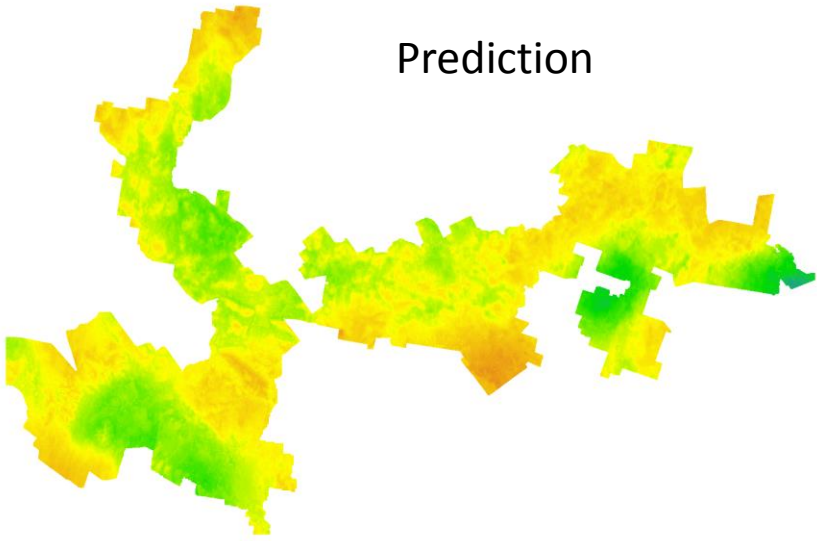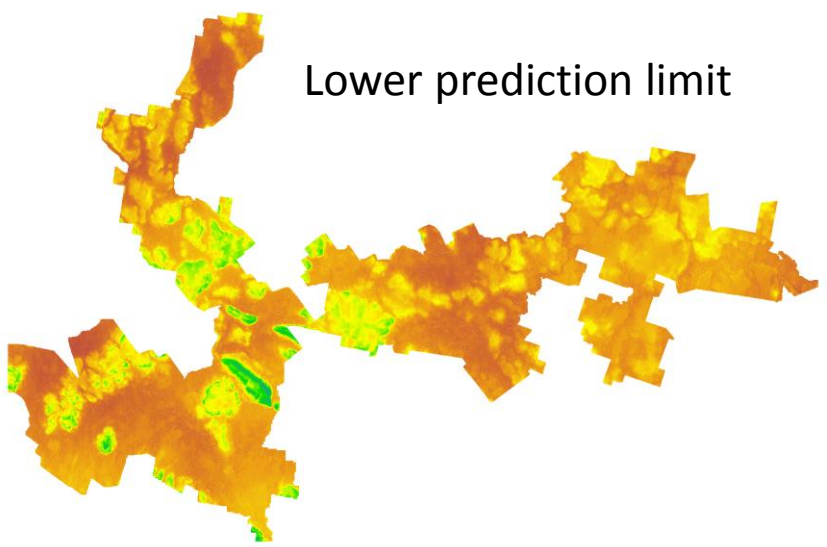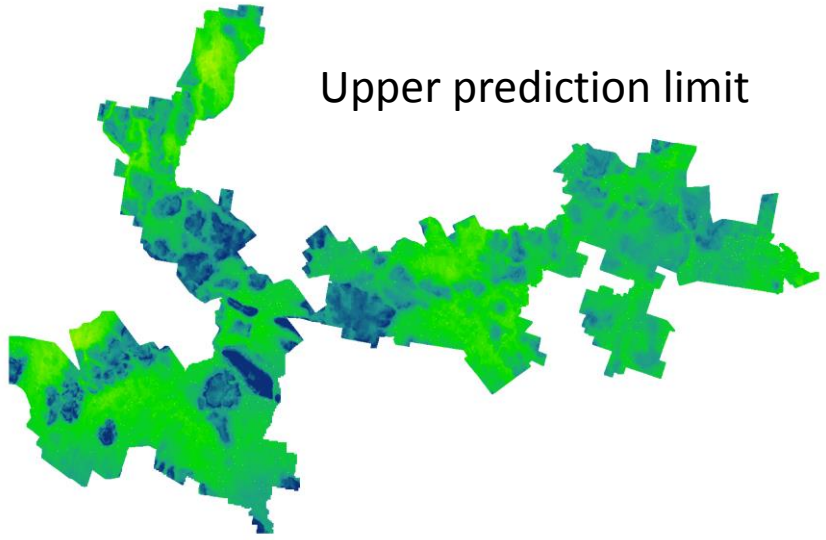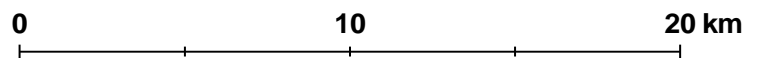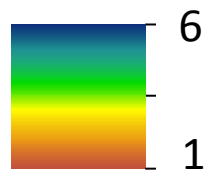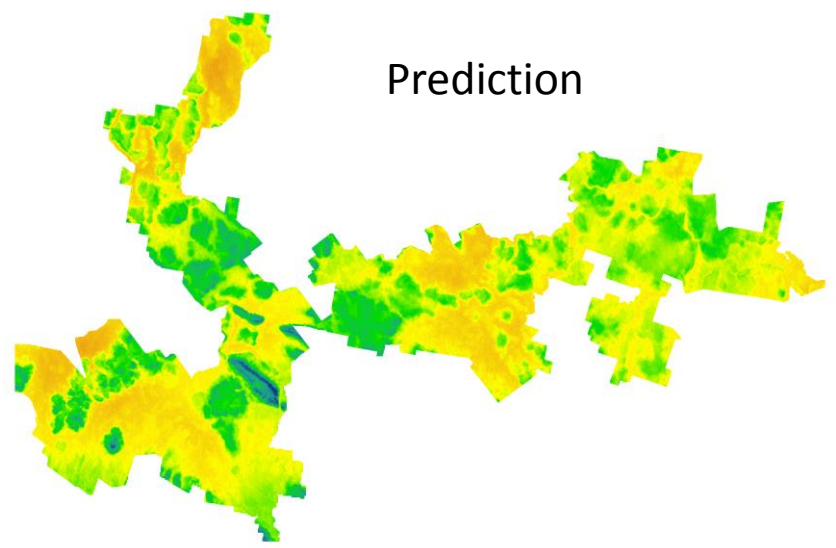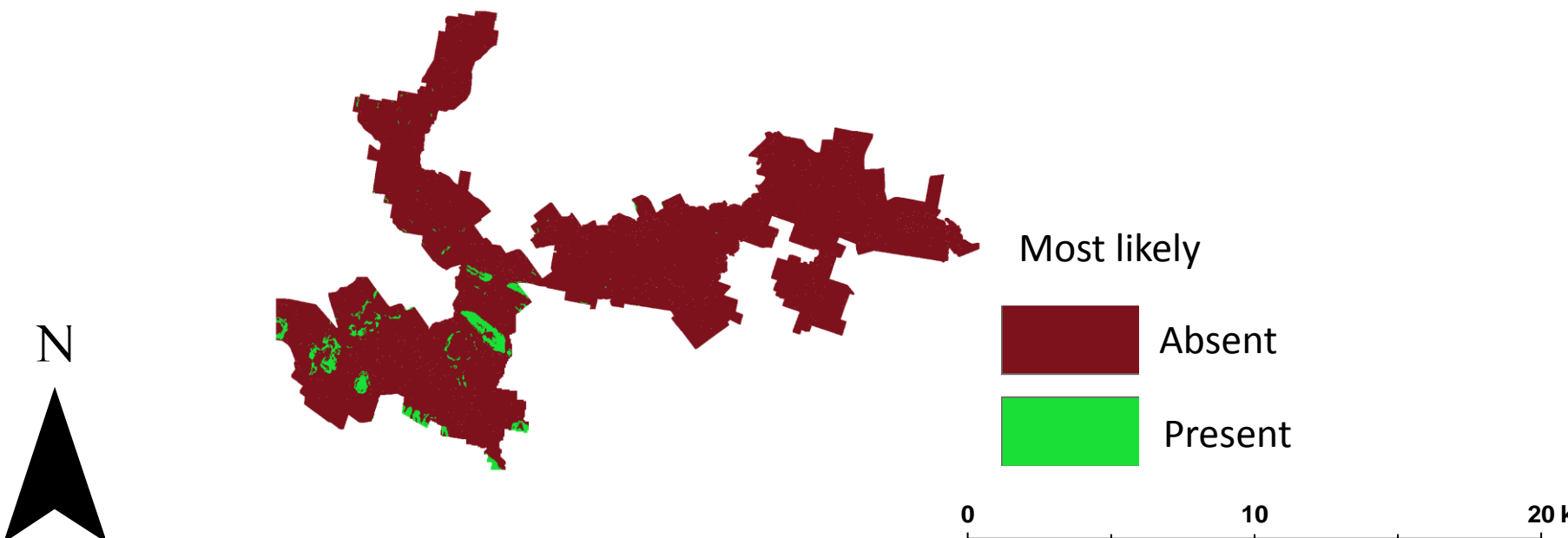
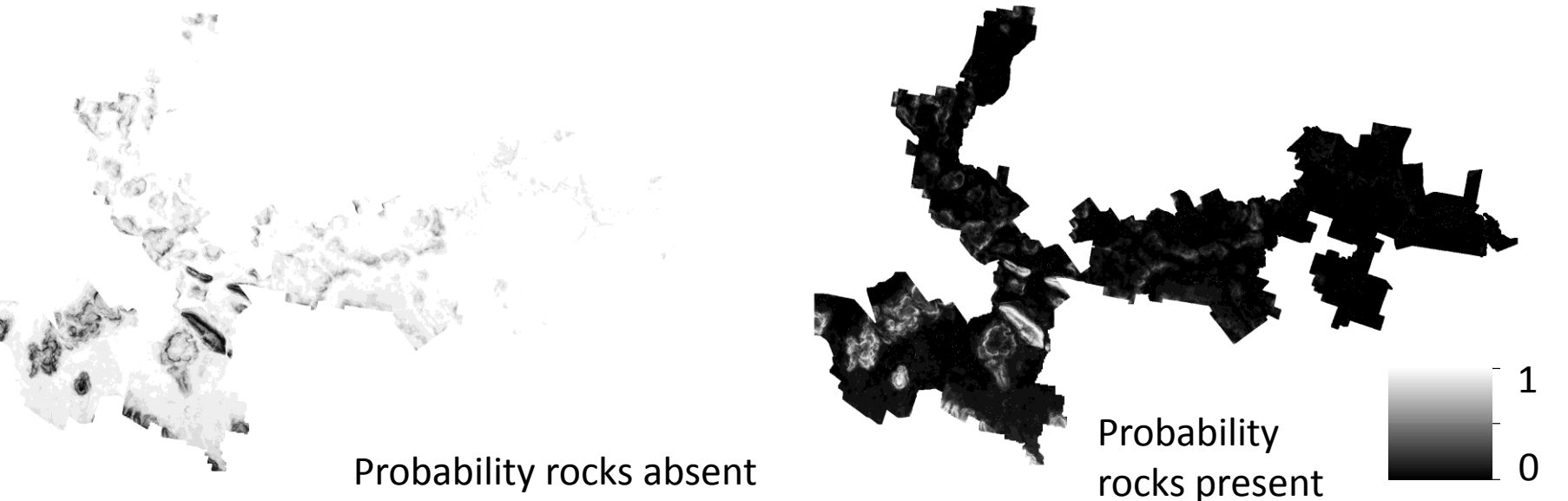Lower prediction limit

Upper prediction limit

Prediction

N

6

1

0   10   20 km

Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
SOIL Stoniness: Presence or absence of rock fragments to 15cm (probability and most likely outcome

Probability rocks absent

Probability rocks present

1

0

Most likely

Absent

Present

N

0   10   20 km

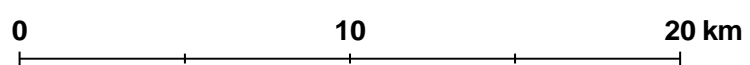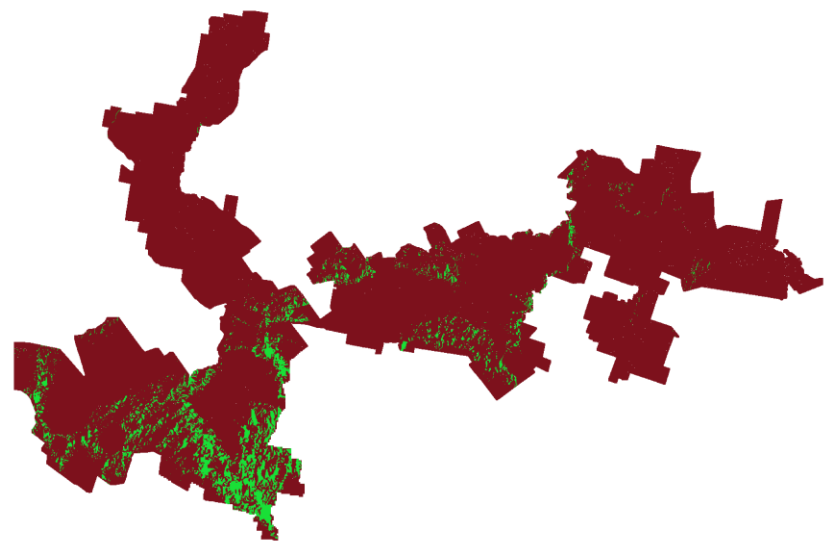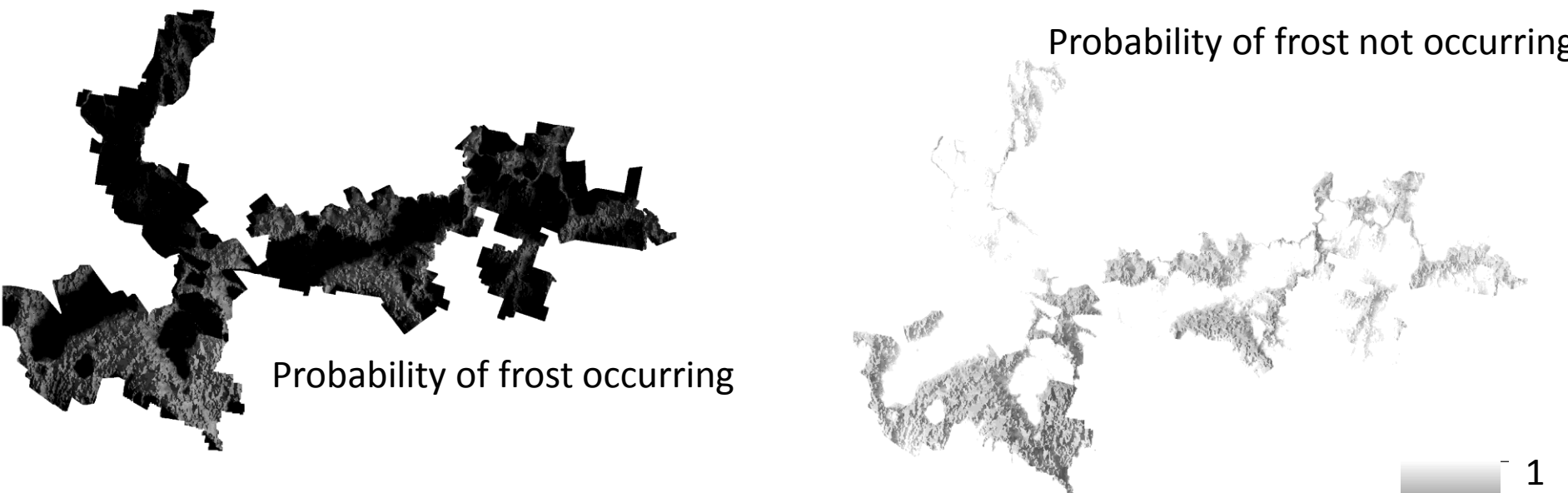# Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
## SOIL Stoniness: Ordinal stoniness class (most likely) with probabilities
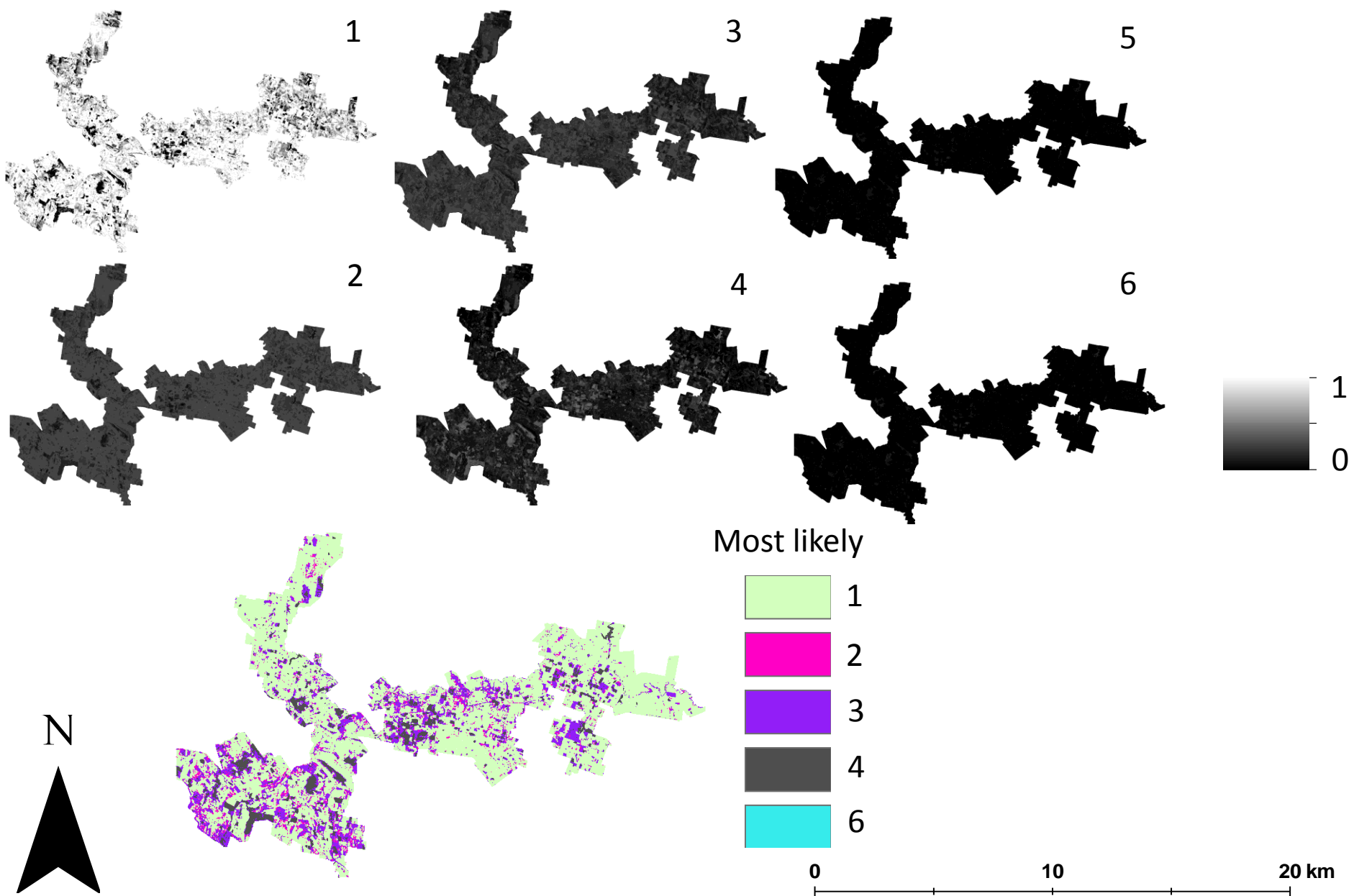
Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
## Incidence of frost occurrence. Likely or unlikely to occur

Probability of frost not occurring

Probability of frost occurring

Most likely

Not occur

occur

N

0   10   20 km

Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
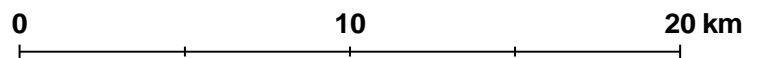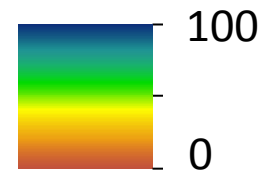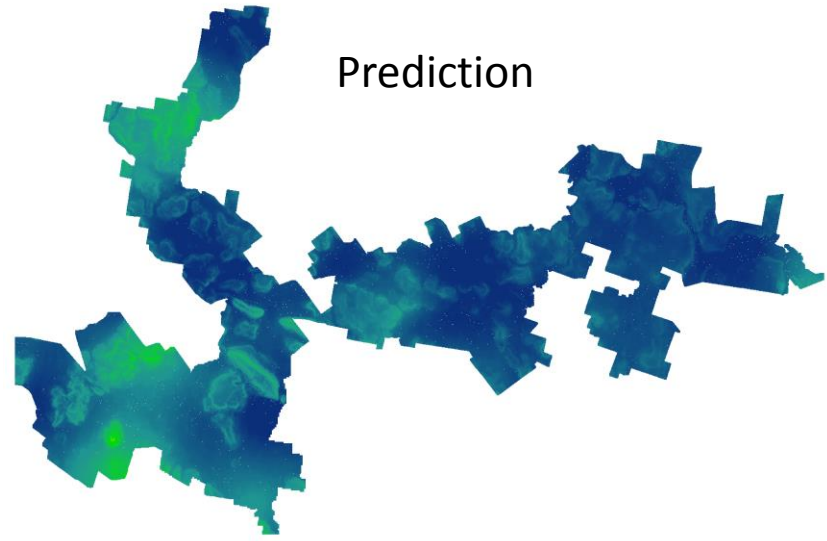## Incidence of frost occurrence. Likelihood of not occurring (%)

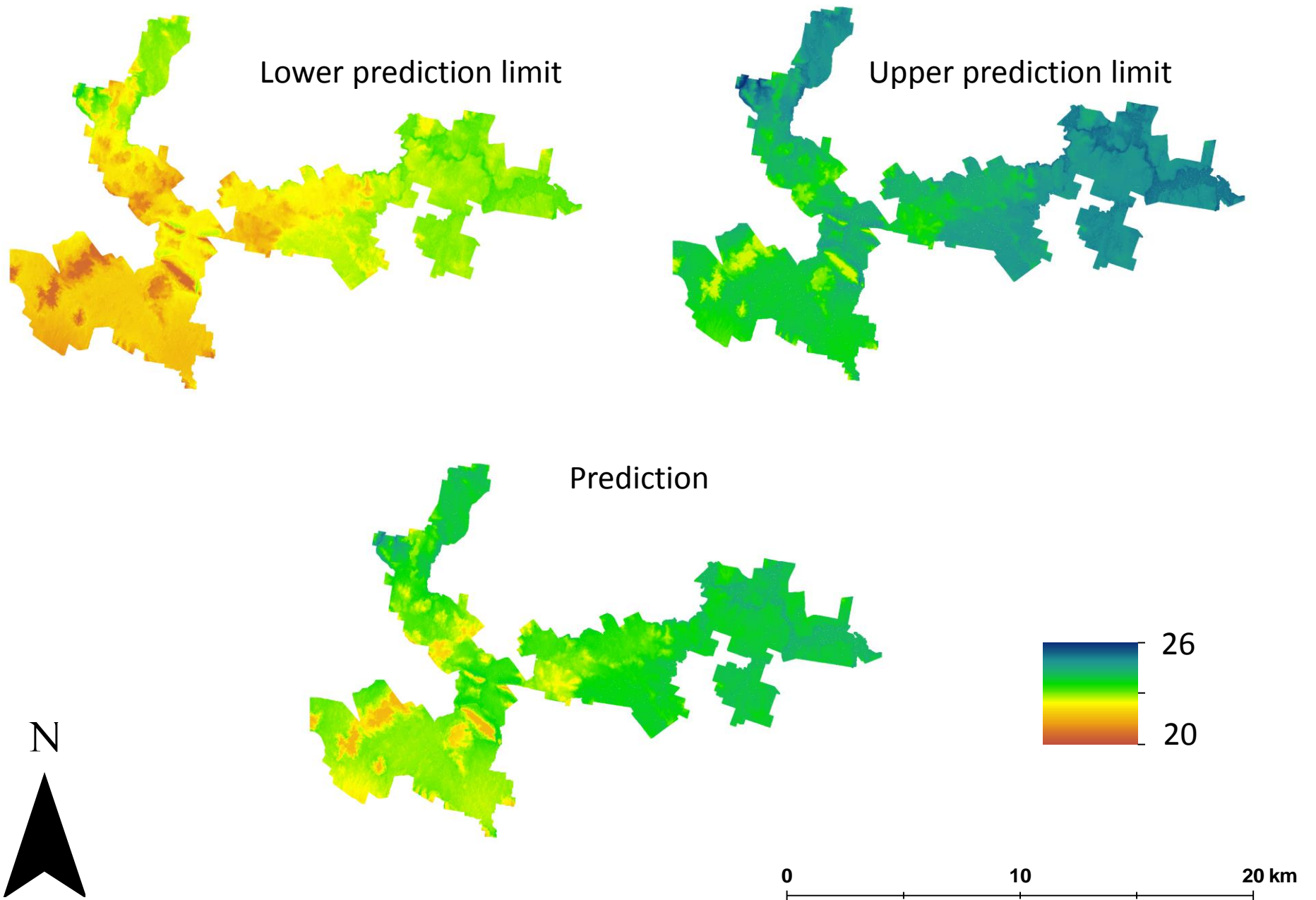
Lower prediction limit
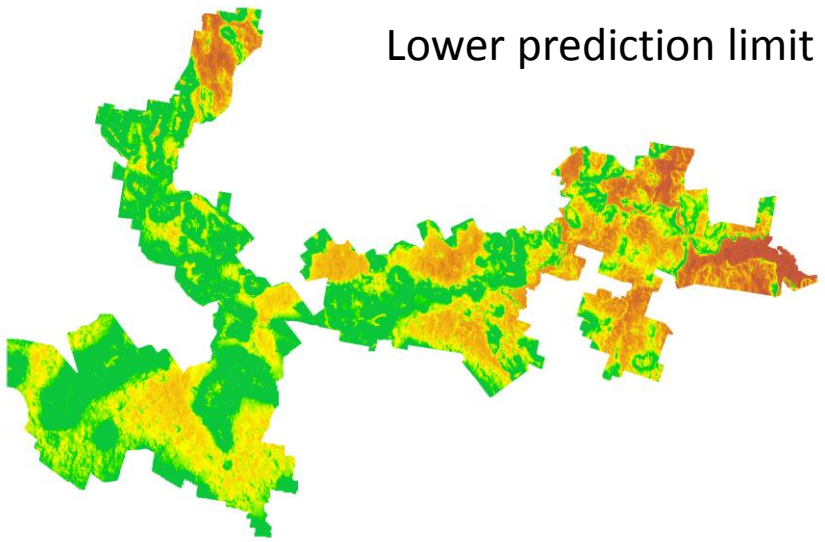
Upper prediction limit

Prediction

N

100

0

0   10   20 km
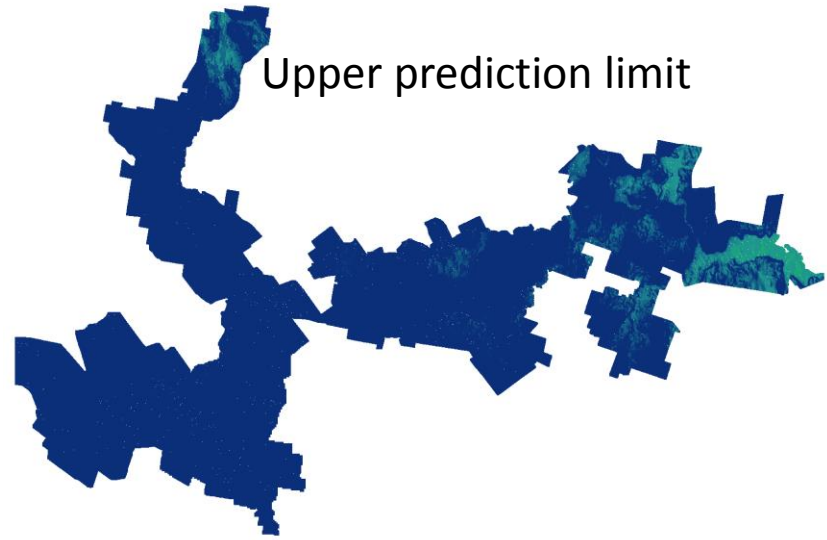
Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
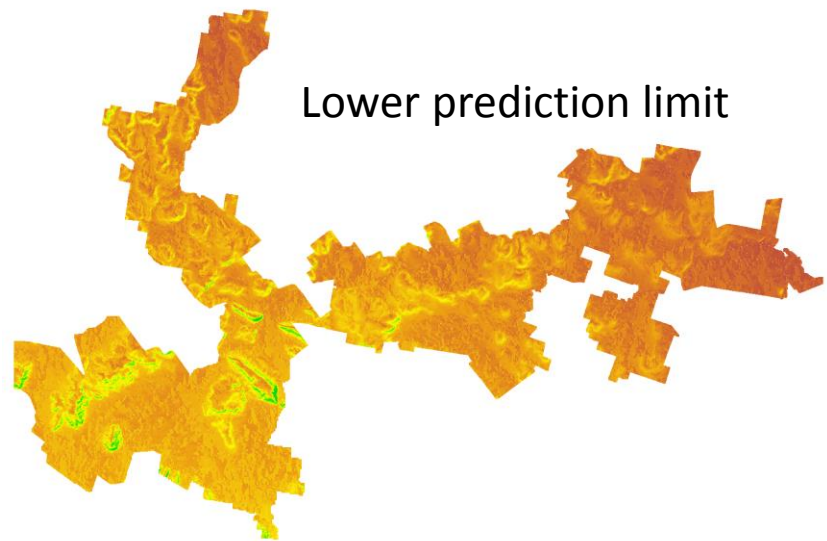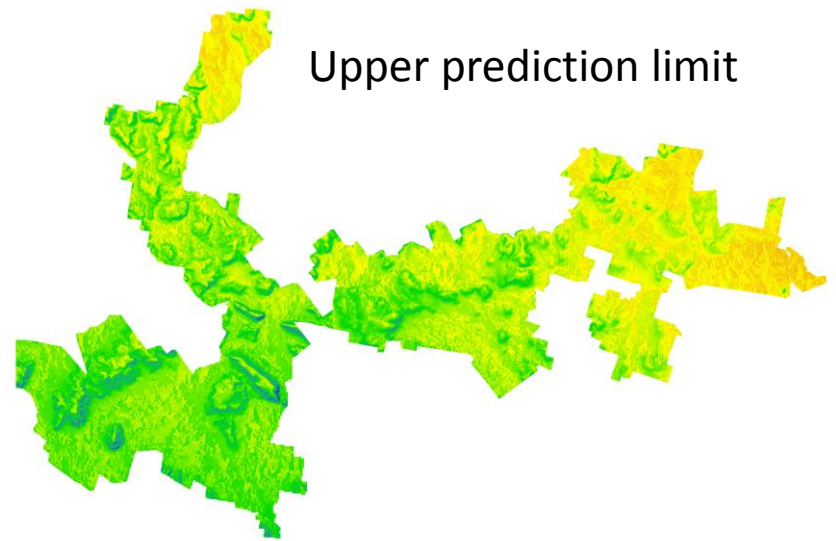## Temperature (mean max monthly temp January, February)

Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
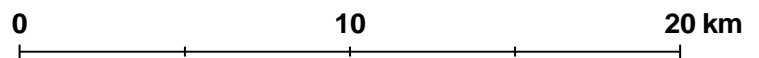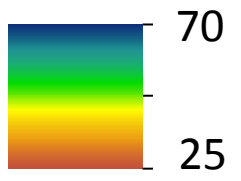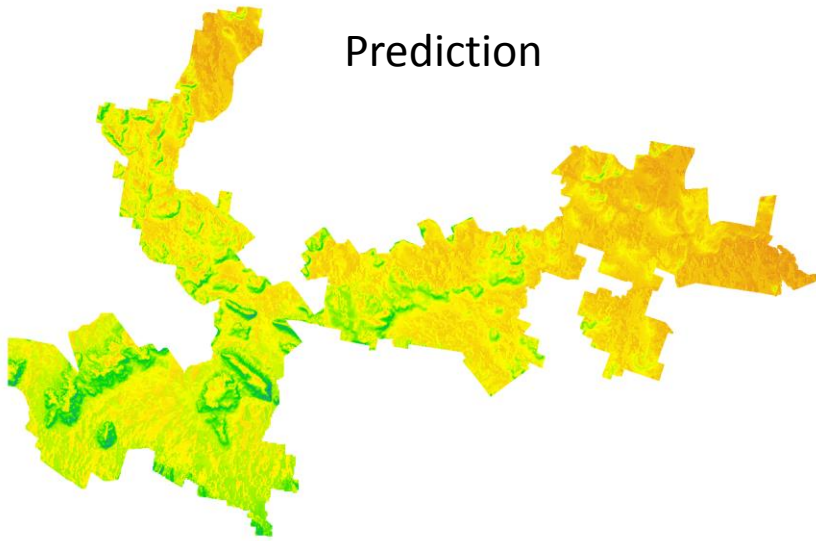## Rainfall (mean rainfall for March)

Land suitability assessment inputs for Hazelnuts: Meander Valley, Tasmania
Chill hours (April-August inclusive)

Lower prediction limit

Upper prediction limit

Prediction

N

1500

850

0   10   20 km