

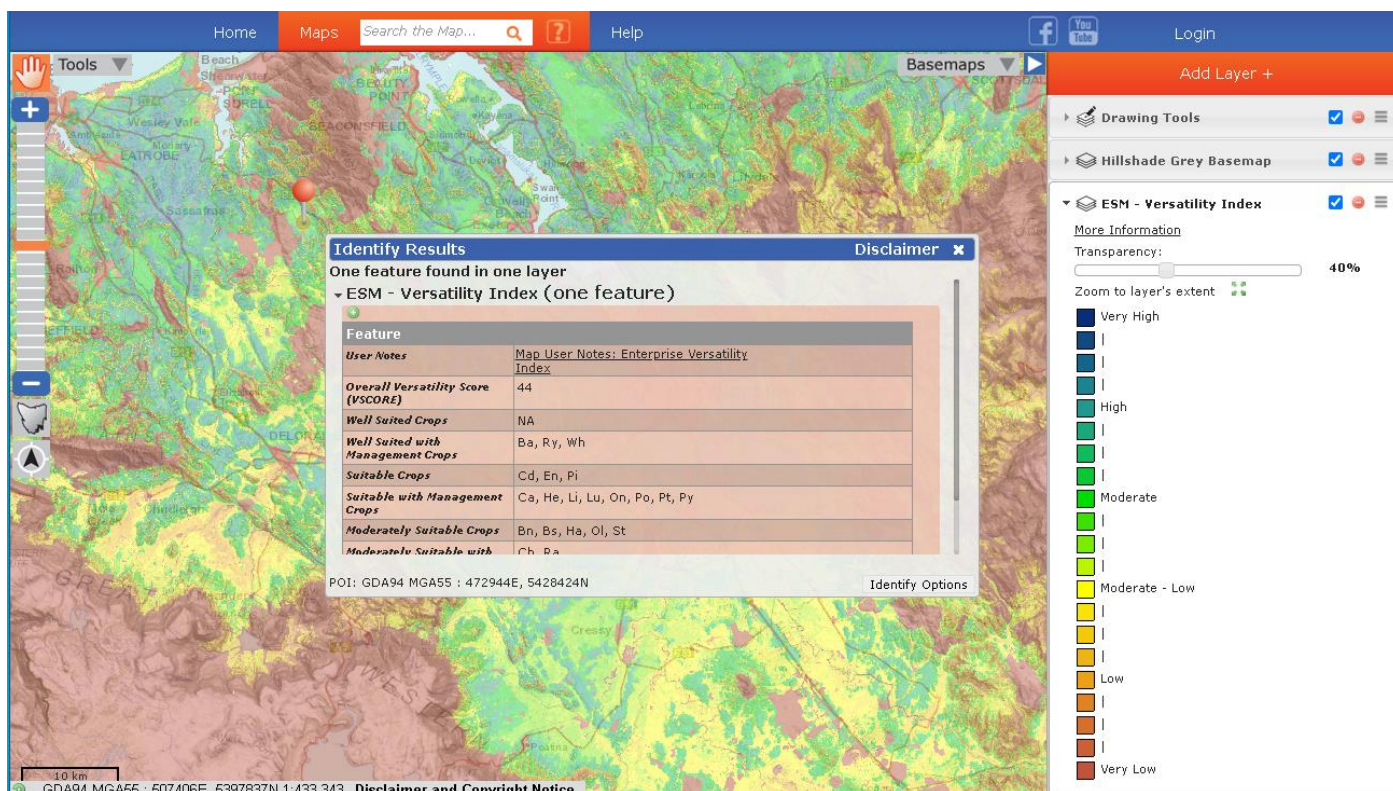
Map User Notes: Enterprise Versatility Index (Using Climate Futures Projections)

Summary:

This Enterprise Versatility Index map layer depicts enterprise crop versatility for private free-hold land in Tasmania. A heuristic integration of 24 state-wide enterprise suitability datasets (based on Climate Futures Projections) aim to identify specific areas of the State that are suited to more enterprises than other areas where overall versatility is classified as Very High, High, Moderate, Moderate-Low, Low or Very Low. In this vein, land areas with high versatility are considered amendable for growing a broad range of enterprise crops, whereas areas with low versatility are suitable to a limited range. Enterprise crops that participated in this analysis include Barley, Blueberries, Carrot seed, Carrots, Cherries, Eucalyptus globulus, Eucalyptus nitens, Hazelnuts, Industrial Hemp, Linseed, Lucerne, Olives, Onions, Pinus radiata, Poppies, Potatoes, Pyrethrum, Raspberries, Rye grass, Sparkling wine grapes, Strawberries, Table wine grapes and Wheat (refer to the [metadata](#) for more information regarding the technical nature of this dataset). Notably, these enterprise crops (Refer [here](#) for more information) encompass Climate Futures Tasmania (CFT) projections that were incorporated into the enterprise suitability modelling framework to identify land areas prone to projected climate change impacts according to the RCP 8.5 scenario for years [2030](#) and [2050](#). This compliments the current [Enterprise Versatility Map](#) which was based on enterprise crops (Refer [here](#) for more information) that encompass recent historical climate observations to determine current crop versatility.

How to use the Enterprise Versatility Index Map in LISTmap

The Enterprise Versatility Index is a digital layer that can be manually interrogated within [LISTmap](#). Any location can be enquired within Tasmania to provide location specific parameters pertaining to crop versatility. To interrogate a location, simply click on any location whilst the versatility layer is active in the table of contents panel and a window will appear listing important attributes. An example is given below:



The screenshot shows the LISTmap interface with the Enterprise Versatility Index layer active. An 'Identify Results' window is open, displaying the following data for a selected feature:

Identify Results	
One feature found in one layer	
▼ ESM - Versatility Index (one feature)	
Feature	
User Notes	Map User Notes: Enterprise Versatility Index
Overall Versatility Score (VSCORE)	44
Well Suited Crops	NA
Well Suited with Management Crops	Ba, Ry, Wh
Suitable Crops	Cd, En, Pi
Suitable with Management Crops	Ca, He, Li, Lu, On, Po, Pt, Py
Moderately Suitable Crops	Bn, Bs, Ha, Ol, St
Moderately Suitable with	Ch, Da

POI: GDA94 MGA55 : 472944E, 5428424N

The interface also shows a legend for the Enterprise Versatility Index with the following categories and colors:

- Very High (Dark Blue)
- High (Medium Blue)
- Moderate (Light Blue)
- Moderate - Low (Yellow-Green)
- Low (Yellow)
- Very Low (Orange)

The window provides information for important attributes including “VSCORE”, “Well_suited”, “Well_suited_with_mgmt”, “Suitable”, “Suitable_with_mgmt”, “Mod_suitable”, “Mod_suitable_mgmt”, “Unsuitable”, “Comments”. These attributes are defined below:

- **VSCORE** – The versatility index score with values ranging from 0 and 100. Versatility classifications are set at 85>, 65, 50, 35, 20, 0 equating to Very high, High, Moderate, Moderate-Low, Low and Very Low (nil), respectively. The higher the VSCORE, the more versatile a land area is for growing a range of enterprise crops.
- **Well_suited** – Crop types that are classified as well suited for production (listed as two-letter codes – refer to code definitions below) pursuant to their specific soil and climatic requirements being met.
- **Well_suited_with_mgmt** – Crop types that are classified as well suited for production (listed as two letter codes – refer to code definitions below) on the proviso that soil and/or climate amelioration techniques are applied to meet this classification.
- **Suitable** – Crop types that are classified as suitable for production (listed as two-letter codes – refer to code definitions below) pursuant to their specific soil and climatic requirements being met.
- **Suitable_with_mgmt** - Crop types that are classified as suitable for production (listed as two letter codes – refer to code definitions below) on the proviso that soil and/or climate amelioration techniques are applied to meet this classification.
- **Mod_suitable** – Crop types that are classified as moderately suitable for production (listed as two letter codes – refer to code definitions below) pursuant to their specific soil and climatic requirements being met.
- **Mod_suitable_mgmt** - Crop types that are classified as moderately suitable for production (listed as two letter codes – refer to code definitions below) on the proviso that soil and/or climate amelioration techniques are applied to meet this classification.
- **Unsuitable** - Crop types that are classified as unsuitable for production (listed as two letter codes – refer to code definitions below) pursuant to specific soil and/or climatic requirements that inhibits production.
- **Comments** – Special comments regarding the versatility classification of some land areas.

Code Definitions

The following definitions relate to the two-letter crop codes listed in the attributes above for “Well_suited”, “Well_suited_with_mgmt”, “Suitable”, “Suitable_with_mgmt”, “Mod_suitable”, “Mod_suitable_mgmt”, “Unsuitable”. In addition, individual LISTmap links and map user notes are supplied that relate directly to each crop, and thus, embodies the suite of [enterprise crop suitability datasets](#) participating in the versatility analysis:

Ba - Barley

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=693190>

User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_barley_CFT.pdf

Bn - Blueberries (Northern High Bush)

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=693223>

User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_blueberriesNHB_CFT.pdf

Bs - Blueberries (Southern High Bush)

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=693269>

User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_blueberriesSHB_CFT.pdf

Ca - Carrots

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694808>

User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_carrots.pdf

Cs - Carrot Seed

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=693317>

User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_carrot_seed_CFT.pdf

- Ch - Cherries**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=693328>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_cherries_CFT.pdf
- Eg - Eucalyptus globulus**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694815>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_plantationtreespecies_CFT.pdf
- En - Eucalyptus nitens**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694815>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_plantationtreespecies_CFT.pdf
- Ha - Hazelnuts**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=693494>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_hazelnuts_CFT.pdf
- He - Hemp**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694187>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_hemp_CFT.pdf
- Li - Linseed**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694307>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_linseed_CFT.pdf
- Lu - Lucerne**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694313>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_lucerne_CFT.pdf
- OI - Olives**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694326>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_olives_CFT.pdf
- On - Onions**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694391>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_onions_CFT.pdf
- Pi - Pinus radiata**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694815>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_plantationtreespecies_CFT.pdf
- Po - Poppies**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694400>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_poppies_CFT.pdf
- Pt - Potatoes**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694574>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_potatoes_CFT.pdf
- Py - Pyrethrum**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694601>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_pyrethrum_CFT.pdf
- Ra - Raspberries**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694608>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_raspberries_CFT.pdf
- Ry - Rye Grass**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694641>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_ryegrass_CFT.pdf
- Sp - Sparkling wine grapes**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694651>
User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_sparklingwg_CFT.pdf
- St - Strawberries**
LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694669>

User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_strawberries_CFT.pdf

Ta - Table wine grapes

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694677>

User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_tablewg_CFT.pdf

Wh - Wheat

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694693>

User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_wheat_CFT.pdf

Additional Information

For information about using LISTmap, please consult the help document:

<http://listdata.thelist.tas.gov.au/public/outgoing/sif/listmaphelp.pdf>

For technical information relating to the dataset, please consult the [metadata](#).

For information relating to irrigation investment, please consult the Investing in Irrigation web-portal:

<http://dpipwe.tas.gov.au/agriculture/investing-in-irrigation>

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Caution and Disclaimer

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