

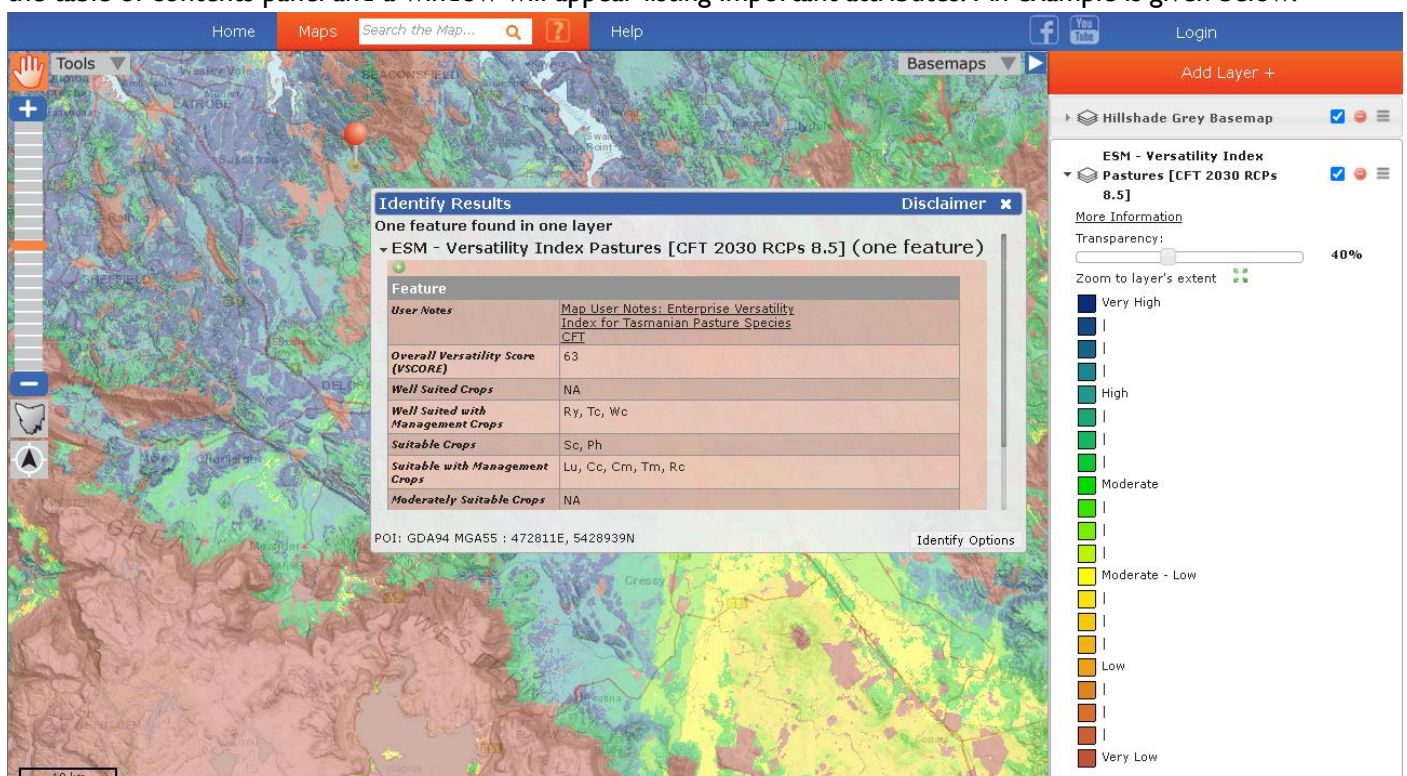
Map User Notes: Enterprise Versatility Index for Tasmanian Pasture Species

Summary:

This Enterprise Versatility Index map layer depicts enterprise crop versatility for Tasmanian Pasture species across private free-hold land in Tasmania. A heuristic integration of 10 state-wide enterprise suitability pasture datasets aim to identify specific areas of the State that are suited to more pasture species than other areas. 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 pasture species, whereas areas with low versatility are suitable to a limited range. Pasture species that participated in this analysis include Lucerne, Rye Grass, Cocksfoot Continental, Cocksfoot Mediterranean, Tall Fescue Continental, Tall Fescue Mediterranean, Red Clover, Strawberry Clover, White Clover and Phalaris (refer to [metadata](#) for more information regarding the technical nature of this dataset).

How to use the Enterprise Versatility Index Map in LISTmap

The Enterprise Versatility Index for Tasmanian Pasture Species 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 pasture 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 Pastures [CFT 2030 RCPs 8.5]' layer selected in the table of contents. An 'Identify Results' window is open, displaying the following information:

| Identify Results | |
|--|--|
| One feature found in one layer | |
| ▼ ESM - Versatility Index Pastures [CFT 2030 RCPs 8.5] (one feature) | |
| Feature | |
| User Notes | Map User Notes: Enterprise Versatility Index for Tasmanian Pasture Species CFT |
| Overall Versatility Score (VSCORE) | 63 |
| Well Suited Crops | NA |
| Well Suited with Management Crops | Ry, Tc, Wc |
| Suitable Crops | Sc, Ph |
| Suitable with Management Crops | Lu, Cc, Cm, Tm, Rc |
| Moderately Suitable Crops | NA |

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 pasture species.

- **Well_suited** – Pasture crops 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** – Pasture crops that are classified as well suited for production (listed as two letter codes – refer to code definitions below) on the proviso that soil amelioration techniques are applied to meet this classification.
- **Suitable** – Pasture crops 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** - Pasture crops that are classified as suitable for production (listed as two letter codes – refer to code definitions below) on the proviso that soil amelioration techniques are applied to meet this classification.
- **Mod_suitable** – Pasture crops 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** - Pasture crops that are classified as moderately suitable for production (listed as two letter codes – refer to code definitions below) on the proviso that soil amelioration techniques are applied to meet this classification.
- **Unsuitable** - Pasture crops 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 pasture species participating in the versatility analysis:

Cc - Cocksfoot Continental

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694718>

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

Cm - Cocksfoot Mediterranean

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694729>

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

Ph - Phalaris

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694736>

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

Rc - Red Clover

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694745>

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

Tc - Tall Fescue Continental

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694768>

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

Tm - Tall Fescue Mediterranean

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694775>

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

Sc - Strawberry Clover

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694753>

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

Wc - White Clover

LISTmap link: <https://maps.thelist.tas.gov.au/listmap/app/list/map?bookmarkId=694788>

User notes link: https://nrmdatalibrary.dpipwe.tas.gov.au/FactSheets/WfW/ListMapUserNotes/Map_user_notes_whiteclover.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://dpipe.tas.gov.au/agriculture/investing-in-irrigation>

Tasmanian graziers guide to pasture, forage and fodder crops can be accessed here:

<https://nre.tas.gov.au/Documents/Species%20for%20Profit%202021.pdf>

Contact

Natural Assets Spatial Intelligence Section

171 Westbury Road

PROSPECT TAS 7250

Phone: 03 6777 2220

Email: nasis@dpipe.tas.gov.au

Caution and Disclaimer

The information and material in LISTmap (including the enterprise versatility species map layer for Tasmanian pasture species and associated enterprise pasture suitability datasets, i.e. “material”) is based on computer modelling of the potential versatility to a given area and, as such, there are inherent uncertainties in the results. While every effort has been made to ensure the material is accurate, the Crown in Right of Tasmania (“Crown”) provide no warranty, guarantee or representation that the material is accurate, complete, up to date, non-infringing or fit for a particular purpose. All versatility assessments and associated crop inputs are based upon the assumption that water for crop irrigation is available and therefore is not a limiting factor. Furthermore, the Crown expressly disclaim all and any legal liability and responsibility whatsoever arising from or connected with: (a) the accuracy, reliability, validity, currency or completeness of the material; (b) the consequences of anything done or omitted to be done by any person, either in whole or in part, in reliance of the material. The material does not take into account personal circumstances. The material is made available on the understanding that the Crown are not providing professional advice and that users of this material should undertake site-specific investigations and research and obtain appropriate professional advice relevant to their particular circumstances. The relevant maps that form part of the material have been prepared at 1:50,000 scale (landscape level). These maps consider only soil and climate constraints and do not take into account other parameters or any legislative, regulatory and/or policy requirements of Federal, State or Local Governments that apply to the land in question and/or which could affect the proposed land use or agricultural enterprise.