

Canola Triazine Tolerant (TT) NVT Trial

By Pip Payne (Living Farm)

Key messages

- The top yielding varieties in this trial were HyTTec Trident, HyTTec Trophy, InVigor T 4510, Hyola 550TT and DG 670TT (2.76 t/ha average for the top 5 varieties)
- Grower decision on variety choice for 2020 should not be purely based on this data but include data from across the region and over a number of years

Background

The aim of the National Variety Trial (NVT) program is to generate independent information for growers and industry about newly released varieties of winter field crops relative to the current commercial varieties grown in the area. The data generated can be compared by year/s, location and variety, providing an important decision support tool for growers when assessing if they are growing the right varieties for their farm business.

Results

Table 1: Rainfall (mm) BOM Weather Station.

Location	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Dandaragan	1.2	0.0	8.4	10.6	7.2	100.4	43.2	52.2	8.4	18.6	0.6	0.0

Figure1: Yield results Dandaragan canola TT 2019 (t/ha).

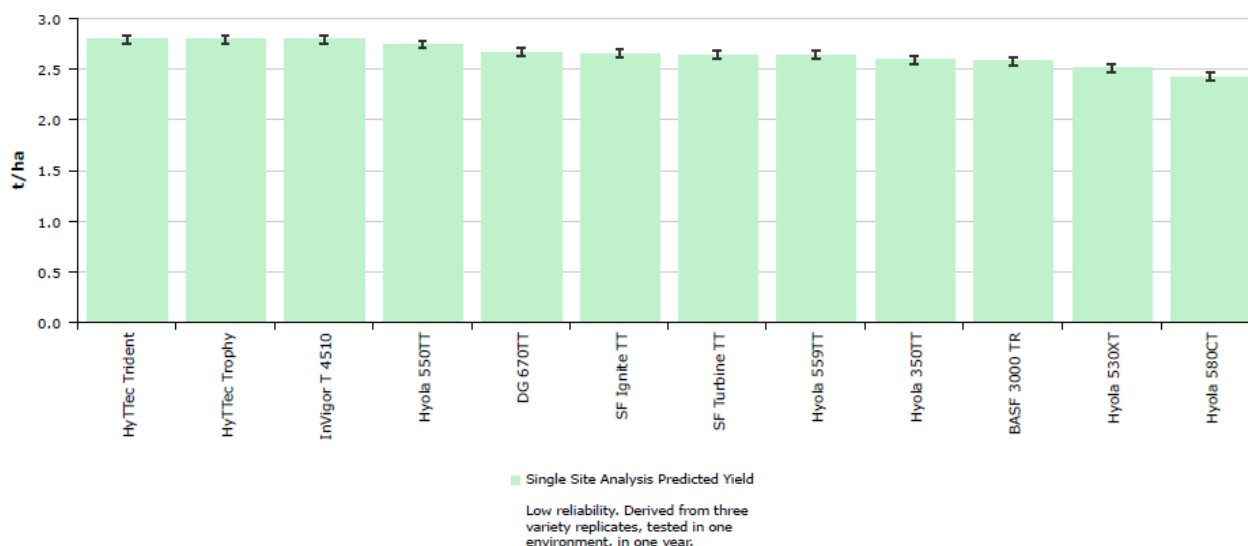


Table 2: Yield and quality results Dandaragan canola TT 2019.

Variety	Yield (t/ha)	Oil - Seed at 6% moisture content	Protein Seed at 10% moisture content
HyTTec Trident	2.79	45.7	20.2
HyTTec Trophy	2.79	44.9	23.9
InVigor T 4510	2.79	45.4	23.5
Hyola 550TT	2.74	46.6	26.2
DG 670TT	2.67	45.3	19.7
SF Ignite TT	2.65	45.8	26.1
SF Turbine TT	2.64	46.0	23.5
Hyola 559TT	2.64	47.3	25.9
Hyola 350TT	2.59	45.9	24.3
BASF 3000 TR	2.58	46.1	23.8
Hyola 530XT	2.51	46.4	20.6
Hyola 580CT	2.42	45.5	24.0

Discussion

This trial was sown onto a high yielding, burnt barley stubble on the 24th May. The soil type was a high quality dark Dandaragan sand/loam. Unlike many areas of the state in 2019 this site had reasonable subsoil moisture from some earlier localised rain so germinated and grew exceptionally well. The late start to the season and dry spring tended to suit the quicker varieties, however good yields were returned by all varieties in the trial.

Further Information

Full report available online at the NVT Online website trial code CMTA19DAND6.

Acknowledgements

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