



Department of
Primary Industries and
Regional Development



Protect
Grow
Innovate

Western Australian Farming Systems

Chapman Valley Species x Time of Sowing Trial

Stephanie Boyce – Australia Agronomy Conference – Albany 2024
Department of Primary Industries and Regional Development
stephanie.boyce@dpird.wa.gov.au

Chapman Valley – Species x TOS Trial

2023 Trial Details

Average 2023 Yield:

TOS 1 = 1.8t/ha

TOS 2 = 1.4t/ha

198 mm (Annual Rainfall)



171 mm (Growing Season)



TOS 1 = 24th May



TOS 2 = 14th June

Long Term Average Annual = 364mm

Wheat				Barley			Legume_set1				Legume_set2				Canola				
Cutlass	Vixen	Scepter	Devil	Mundah	Scope CL	Neo	Maximum CL	Albus Lupins	Kabuli Chickpea	Faba Bean	Desi Chickpea	Vetch	Field Pea	NL Lupin	Lentils	Invigor 4520P	Eagle	Invigor 4022P	Emu

Barley
2.3t/ha

Canola
1.2t/ha

Legume1
1.0t/ha

Wheat
2.1t/ha

Legume2
1.4t/ha

TOS 2

TOS 1

Chapman Valley – Species x TOS Trial

2024 Trial



389 mm 2024



13th May Seeding

HN
LN
Wheat | Barley | Legume1 | Legume2 | Canola

LN
HN



Scepter Wheat



Low Nitrogen = 14 Units N



High Nitrogen = 70 Units N

Thank you

[dpird.wa.gov.au](https://www.dpird.wa.gov.au)    

<https://www.agric.wa.gov.au/wa-farming-systems-project>

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2023



2024

