

COMMERCIAL CROP REPORT

This season's commercial crop was sown to Scepter wheat in Quarters 1 & 4 on May 29. In addition to Scepter and a strip of Vixen several other wheat variety strips were sown in Quarter 1 on the April 27 (see the trial plan below). They are not a replicated trial but were sown as a broad acre demonstration of a range of newer and current longer season wheat varieties better suited to earlier (April) sowing in terms of maturity and flowering time. Early sown variety strips established well in adequate available soil moisture. The later sown Scepter did experience some moisture stress prior to August rain. Russian wheat aphid has been present in the commercial crop and a selective insecticide was applied recently with the broadleaf herbicide.

Thanks to seed company reps Josh Reichstein (Inter Grain), Dan Vater (AGT) and Col Edmondson (Pac-Seeds) for organising seed for the variety strips in Quarter 1.

Quarter 3 of the site and the car park (8ha) was sown to Tungoo oats for hay on the May 29 in preparation for the 2021 trial site. Seed was kindly donated by local grower Jim Maitland. Also thanks to Rob Wandel for rolling the hay.

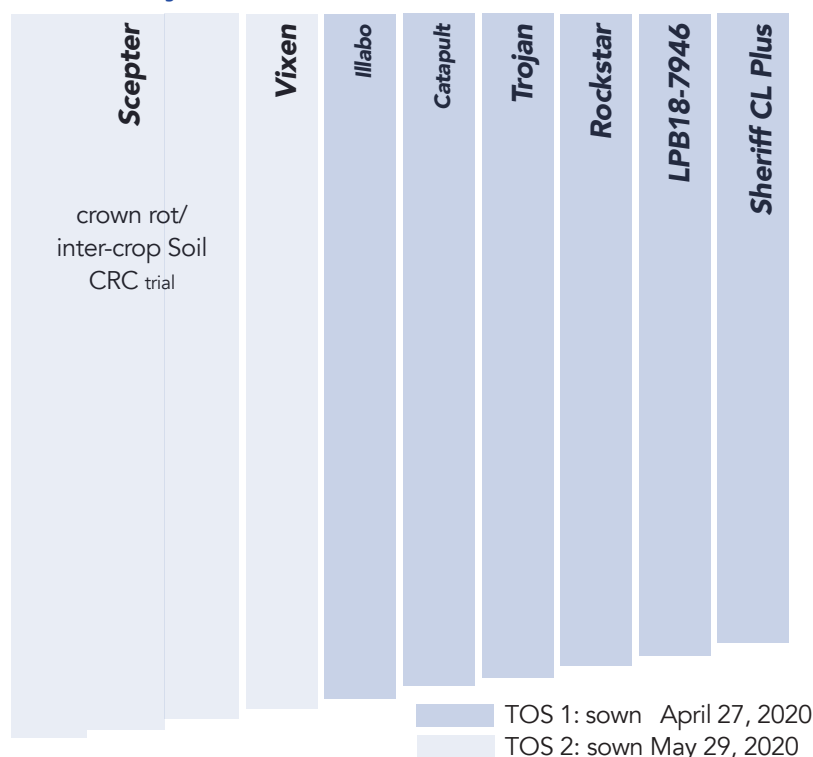
Nitrogen was applied to Quarter 1 as 100 kg/ha urea on July 10 and was applied to Quarter 4 at 70 kg/ha on August 10. Thanks to Jim Maitland for spreading Quarter 1.

It's been great to see the whole site respond to the August rain, and I look forward with some optimism to a kinder finish to the season than the last couple of years.



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Quarter 1 layout



Quarter 1 - 8ha Commercial wheat crop - wheat variety strips x 2 TOS

	TOS1	TOS2
Spray:	April 27, 2020 1.5 L/ha Glyphosate 520 g/L + 100 ml/ha Striker + 210 ml/ha SakuraFlow + 1% AmmSulfate v/v +0.25% LI700 v/v @ 100 L/ha	May 27, 2020 2 L/ha Glyphosate 520 g/L + 100 ml/ha Striker + 160 ml/ha Dicamba750 + 3 L/ha Prosulfocarb + 2% AmmSulfate v/v +0.4% LI700 v/v @ 100 L/ha
Seeding date:	April 27, 2020	May 29, 2020
Crop & Variety:	wheat variety strips *(see opposite page)	
Seeding rate:	75 kg/ha	100 kg/ha
Fertiliser:	75 kg/ha DAP	
Post Em Spray: June 26, 2020	Spray ~ 5 ha early sown wheat varieties in Q1. 25 g Paradigm + 470 ml MCPA LVE 570 g/L + 75 ml Dicamba 750 g/L + 0.5% Uptake Oil @ 85 L/ha	
Post Em Nitrogen spread: July 10, 2020	100 kg/ha Urea spread on Q1 (7.43ha) by Jim Maitland	
Post Em Spray: August 26, 2020	Spray ~ 3 ha late sown wheat varieties in Q1. 25 g Paradigm + 500 ml MCPA LVE 570 g/L + 200 g Pirimicarb + 500 ml Epoxiconazole + 0.5% Uptake Oil @ 85 L/ha	
	Spray ~5 ha early sown wheat varieties in Q1. 200 g Pirimicarb + 500 ml Epoxiconazole	

Quarter 2 - 8 ha 2020 trial site

Quarter 3 - 8 ha Oaten hay (2021 trial site & carpark)

Spray: May 27, 2020

2.0 L/ha Glyphosate 520 g/L + 100 ml/ha Striker + 2% AmmSulfate v/v
+ 0.4% LI700 v/v @100 L/ha

Seeding date: May 29, 2020 **Crop & Variety:** Tungoo oats (donated by Jim Maitland)

Seeding rate: 100 kg/ha **Fertiliser:** 50 kg/ha DAP

Quarter 4 - (incl. east of Crop systems trial) 10 ha Scepter wheat

Spray: May 27, 2020 - 2 L/ha Glyphosate 520 g/L + 100 ml/ha Striker + 160 ml/ha Dicamba 750 +
3L/ha Prosulfocarb + 2% AmmSulfate v/v +0.4% LI700 v/v @ 100 L/ha

Seeding date: May 29, 2020 **Crop & Variety:** Scepter wheat **Seeding rate:** 100 kg/ha

Fertiliser: 70 kg/ha DAP **Post Em Nitrogen spread:** August 10, 2020
70 kg/ha Urea spread

Post Em Spray: August 26, 2020 25 g Paradigm + 500 ml MCPA LVE 570 g/L + 200 g Pirimicarb
+ 500 ml Epoxiconazole + 0.5% Uptake Oil @ 85 L/ha