

K-Till Max and MacroPro Extra outperform liquid K fertilisers

Quairading 2018



AIM

To compare the effectiveness of various liquid potassium (K) foliar applications to K-Till and MacroPro

KEY MESSAGES

Soil testing to depth is critical to gain a better understanding of your soil Potassium (K) requirement levels.

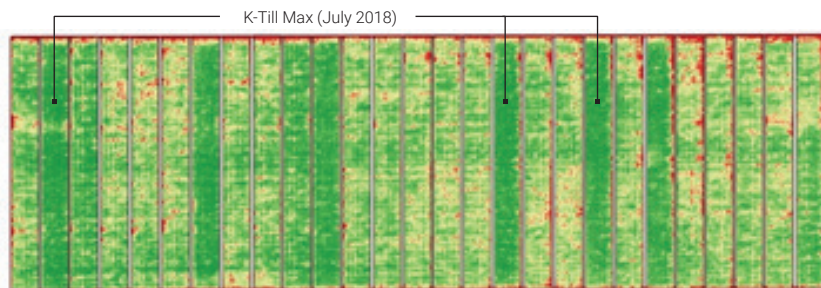
Banding K at seeding time by using K-Till or MacroPro is the most effective way to apply K.

Liquid K fertilisers applied post emergence are not cost effective.

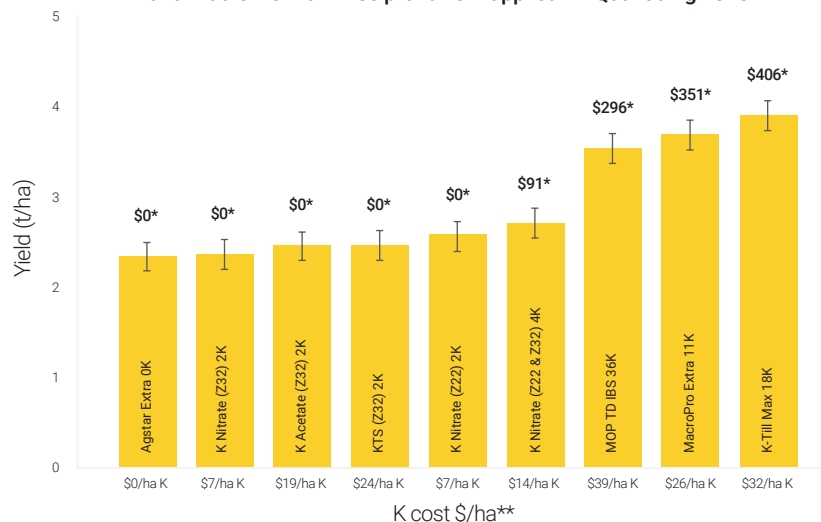
Overall profit was increased by over \$400/ha by using K-Till Max at seeding in place of a liquid K in season.

Seeding: 27 April	Soil Data	Depth (cm)	pH	P	PBI	K
Crop/Variety: Scepter 68kg/ha		0-10	5.6	22	15	16
Growing Season Rainfall: 205mm		10-20	5.0	18	9	19
Basal Fertiliser: 66N 11P		20-30	4.8	22	11	20
Site History: 2017 - Canola (1.3 t/ha), 2016 - Wheat (frosted)		30-40	4.7	22	18	21
		40-50	5.3	3	98	26

NDVI Drone imagery July 2018



K-Till and MacroPro maximise profit from applied K - Quairading 2018



*Gross margin /ha above 0K treatment assuming wheat @ \$280/t

** Extra cost/ha of K above basal Agstar Extra Treatment.

LSD: 0.3255