

**MORLEY RESEARCH CENTRE
HARVEST RESULTS**

SEEDRATES FOR SPRING RAPE

Crop Spring oilseed rape

Manager J B S Freer

Object To evaluate the effects of plant density on the performance of new high yielding spring oilseed rape varieties

Site J Rednall, Lodge Farm, North Lopham, Norfolk

Target population	Actual plant population		Seed yield (t/ha at 91% dm)	
	Mars	Starlight	Mars	Starlight
40	33	33	2.29	2.09
80	65	65	2.63	2.49
120	103	94	2.80	2.75
160	128	115	2.75	2.79
200	175	154	3.01	2.83
240	174	163	2.93	2.86
LSD		NS		NS
Mean	113	104	2.74	2.64
LSD		5.95		0.058

Mars outyielded Starlight by 0.10 t/ha. Yield increased as plant population rose to 200 plants/m². The optimum seed rate was equivalent to approximately 6 kg/ha.