

Pointed Cabbage

Variety - Regency

Site - Kirton Holme, Lioncs

Planted- 4 July 2011 @50x36cm spacing

Harvested - 27 October 2011

Application dates - 20 July and 22 August

		mean	%	% of	head	marketable	marketable	unmktb	total	no. heads
		head	market-	heads	size	no.	wgt	no.	no.	mature
	treated or	weight	able	mature	1=small	harvested	kg	small	heads	at
plot	untreated	kg		at harvest	9=large			immature		harvest
1	treated	0.415	90.0	67.5	5	20	8.30	4	40	27
2	untreated	0.465	85.0	77.5	6	20	9.30	6	40	31
3	treated	0.485	92.5	92.5	6	20	9.70	3	40	37
4	untreated	0.442	82.5	65.0	6	20	8.84	7	40	26
5	treated	0.496	97.5	80.0	7	20	9.92	1	40	32
6	untreated	0.465	97.5	75.0	7	20	9.30	1	40	30
7	treated	0.588	97.5	87.5	8	20	11.76	1	40	35
8	untreated	0.764	97.5	72.5	9	20	15.28	1	40	29
Mean	Treated	0.496	94.4	81.9	6.5	20	9.92	2.3	40.0	32.8
	Untreated	0.534	90.6	72.5	7.0	20	10.68	3.8	40.0	29.0
Mean	Treated	0.523	95.8	86.7	7.0	20	10.46	1.7	40.0	34.7
excluding	Untreated	0.457	88.3	72.5	6.3	20	9.15	4.7	40.0	29.0
plots 1&8										

Conclusion

There was a field factor effect on the plots due to exceptionally dry growing conditions in the Summer and early Autumn.

It is possible that plots 1 and 8 could be removed from the results for being at exceptional ends of the scales.

If plots 1 & 8 are removed then the treated plots show an increase in yield over the untreated plots of 0.066kg (14.4%)

If plots 1 & 8 are left in then the treated plots show a decrease in yield over the untreated plots of 0.038kg (7.1%)

The pattern of head size follows the same trends as yield for the 2 different scenarios.

In both instances the number of heads mature at harvest shows an increase for the treated plots over the untreated plots, suggesting that uniformity of maturity is better for the treated plots.

Apart from size there were no visual quality differences between the plots.