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ERDF 'WATERR' PROJECT

IRRIGATION BUSINESS REVIEW FINDINGS

IRRIGATOR PERFORMANCE DATA: LETTUCE



ERDF 'WATERR' PROJECT
IRRIGATION BUSINESS REVIEW FINDINGS
LETTUCE: IRRIGATION PRODUCTIVITY/ADDED VALUE

		2011	2012	2013
IRRIGATION WATER APPLIED				
Cubic Meters per hectare	Range	281 – 1,519	344 – 1,527	557 – 2,142
	Average	649	695	1007
YIELDS				
Tonnes per hectare	Range	10 – 28	10 – 34	7 – 30
	Average	19	22	20
PRODUCTIVITY: WATER USED PER TONNE				
Cubic meters per tonne	Range	24 – 56	16 – 63	25 – 94
	Average	32	33	57
ESTIMATED YIELD INCREASE DUE TO IRRIGATION				
Tonnes per hectare	Range	10 – 28	10 – 34	7 – 30
	Average	19	22	20
	%age of total yield	100%	100%	100%
AVERAGE SELLING PRICE				
£ per tonne	Range	250 – 745	253 – 881	253 – 847
	Average	520	554	546
ESTIMATED PRICE PREMIUM DUE TO IRRIGATION				
£ per tonne	Range			
	Average	N/A	N/A	N/A



ERDF 'WATERR' PROJECT
IRRIGATION BUSINESS REVIEW FINDINGS
IRRIGATION FINANCIAL RETURNS: LETTUCE

		2011	2012	2013
GROSS PROCEEDS				
£ per Hectare	Range	2,500 – 14,155	2,591 – 18,501	1,746 – 19,640
(Yield per Hectare x Price per Tonne)	Average	9,801	12,910	11,639
COST OF IRRIGATION				
£ per hectare	Range	138 – 816	172 – 718	401 – 1542
	Average	523	489	885
IRRIGATION GROSS MARGIN				
(Gross Proceeds – Irrigation Cost)				
£ per hectare	Range	2,140 – 13,596	2,419 – 18,088	1,345 – 16,268
	Average	9,278	12,421	10,754
ESTIMATED IRRIGATION PRICE PREMIUM PER HECTARE				
£ per hectare	Range			
	Average	N/A	N/A	N/A
ESTIMATED YIELD INCREASE VALUE PER HECTARE				
£ per hectare	Range			
	Average	N/A	N/A	N/A
ESTIMATED NET FINANCIAL BENEFIT DUE TO IRRIGATION				
(= Irrigation Gross Margin)				
£ per hectare	Range	2,140 – 13,596	2,419 – 18,088	1,345 – 16,268
	Average	9,278	12,421	10,754
NET FINANCIAL BENEFIT AS PERCENTAGE OF PROCEEDS				
Percent		95%	96%	92%

