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# ERDF 'WATERR' PROJECT IRRIGATION BUSINESS REVIEW FINDINGS

## IRRIGATOR PERFORMANCE DATA SUMMARY: WATER USE EFFICIENCY AND FINANCIAL RETURNS



This project is part funded by the European Regional Development Fund (ERDF) as part of the South East ERDF Competitiveness Programme 2007-2013

# IRRIGATION BUSINESS REVIEWS: 2011 – 2013

## IRRIGATOR PERFORMANCE DATA: WATER USE EFFICIENCY/PRODUCTIVITY

	WATER APPLIED (CU. MTRS/HECTARE)		CROP YIELDS (TONNES/HECTARE)		IRRIGATION PRODUCTIVITY (CU. MTRS/TONNE)		
	AVERAGE	RANGE	AVERAGE	RANGE	AVERAGE	RANGE	TOP v BOTTOM QUARTILE / HALF
POTATOES	886	115 – 1,775	41	20 – 56	22	3 – 54	12 – 34
LETTUCE	784	281 – 2142	20	7 – 34	41	16 – 94	22 – 60
STRAWBERRIES – FIELD	1,437	244 – 2,400	19	5 – 34	79	43 – 111	58 – 99
STRAWBERRIES – SUBSTRATE	2,495	1275 – 3,942	32	18 – 45	82	31 – 144	49 – 108
RASPBERRIES – FIELD	1,080	543 – 1,523	10	7 – 17	114	51 – 200	87 – 134
RASPBERRIES – SUBSTRATE	1,509	650 – 2,600	13	10 – 20	111	43 – 166	43 – 166
APPLES/PEARS	197	22 – 860	25	13 – 40	7	1 – 30	3 – 14
CHERRIES	315	104 – 771	7	3 – 12	66	11 – 250	38 – 94



# IRRIGATION BUSINESS REVIEWS: 2011 – 2013

## IRRIGATOR PERFORMANCE SUMMARY – FINANCIAL RETURNS

	IRRIGATION COST		GROSS PROCEEDS		ESTIMATED NET FINANCIAL BENEFIT		
	AVERAGE	RANGE	AVERAGE	RANGE	AVERAGE	RANGE	%AGE OF PROCEEDS
POTATOES	791	108 – 3,637	8,084	4,113 – 14,415	3,904	1,515 – 8,642	48%
LETTUCE	632	138 – 1,542	11,450	1,746 – 18,501	10,682	1,345 – 18,194	93%
STRAWBERRIES – FIELD	1,024	209 – 1,860	74,371	17,492 – 158,833	31,368	8308 – 68,085	42%
STRAWBERRIES – SUBSTRATE	2,867	970 – 5,282	106,383	55,350 – 148,520	103,516	45,760 – 145,505	97%
RASPBERRIES – FIELD	1,138	554 – 1,800	66,464	33,000 – 109,200	51,291	14,700 – 108,154	77%
RASPBERRIES – SUBSTRATE	2,527	840 – 5,014	74,091	57,600 – 104,719	71,564	54,636 – 99,705	97%
APPLES/PEARS	327	33 – 1,789	15,334	5,600 – 26,980	2,257	0 – 10,575	15%

