



Demand Report as of 30th Jan 2013

Interviews to date

- 201 Land Owners visited to date
- Representing 269 properties
- Total area represented = 51 323 hectares
- 129 of these properties are current irrigators
- 140 non irrigated properties
- 168 of these properties owners expressed an interest for either new or expanded irrigation.

Demand

- Non-irrigated landowners: 110 of the 140 expressed interest to irrigate
- Current-irrigated landowners: 69 of 129 wish to expand irrigation
- SPASMO used to calculate demand volumes.
- Total Volume required to date = 53.7 M cubic meters per year

Non Irrigated Properties Demand From WWUP

- The 110 non irrigated properties expressed an interest to irrigate 8367 hectares
- The water required for this {using SPASMO} is 39.6 M cubic meters per year

Current Irrigators

- Of the 69 currently-irrigated properties that wish to expand irrigation, 50 require water from WWUP to do this.
- Extra demand of 14.1 M cubic meters per year is based on their current consented volumes {Volume required to irrigate desired area < volume already consented}
- Current level of reliability not taken into account



TOTAL DEMAND

	Current Land Use (ha) (% of total area)	Current Irrigated Area (ha) (% of total irrigated area)	Possible Increase in Irr Area (ha) (% increase in irrigated area)	Combined (current + potential) Irr Area (ha) (% of total potential irrigated area)	Possible Total Future Land Use (ha) (% of total area)	Possible Additional Water Required (M cubic meters/Yr)
<u>Dairy</u>	17 313 (33.8 %)	8 656 (74.2 %)	5 139 (59.4 %)	13 795 (55.8 %)	19 661 (38.3 %)	20.03
<u>Sheep & Beef</u>	9 793 (19.1 %)	251 (2.2 %)	1 037 (413.1 %)	1 288 (5.2 %)	7 628 (14.9 %)	4.89
<u>Arable & Mixed</u>	17 847 (34.8 %)	1 817 (15.6 %)	5 022 (276.4 %)	6 839 (27.6 %)	18 929 (36.9 %)	19.37
<u>Viticulture</u>	763 (1.5 %)	718 (6.2 %)	0	718 (2.9 %)	763 (1.5 %)	0.04
<u>Dairy Support</u>	5 576 (10.9 %)	224 (1.9 %)	1 877 (837.9 %)	2 104 (8.5 %)	4 311 (8.4 %)	9.40
<u>TOTAL</u>	51 292	11 666 22.7 % of total area	13 075	24 744 48.2 % of total area	51 292	53.73