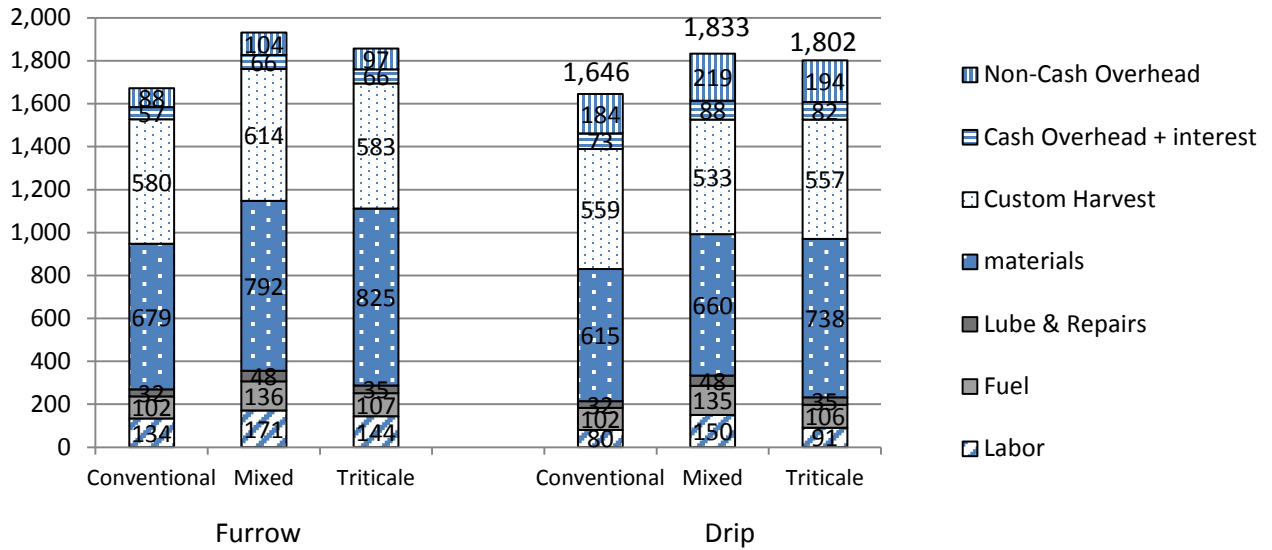
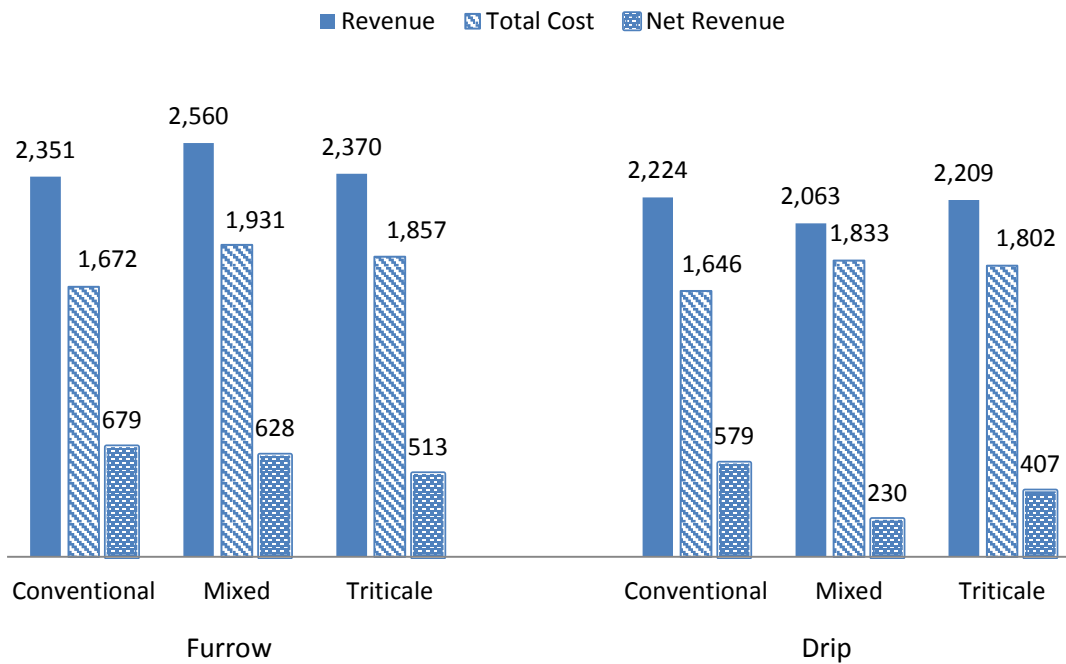


# Russell Ranch Economic Results

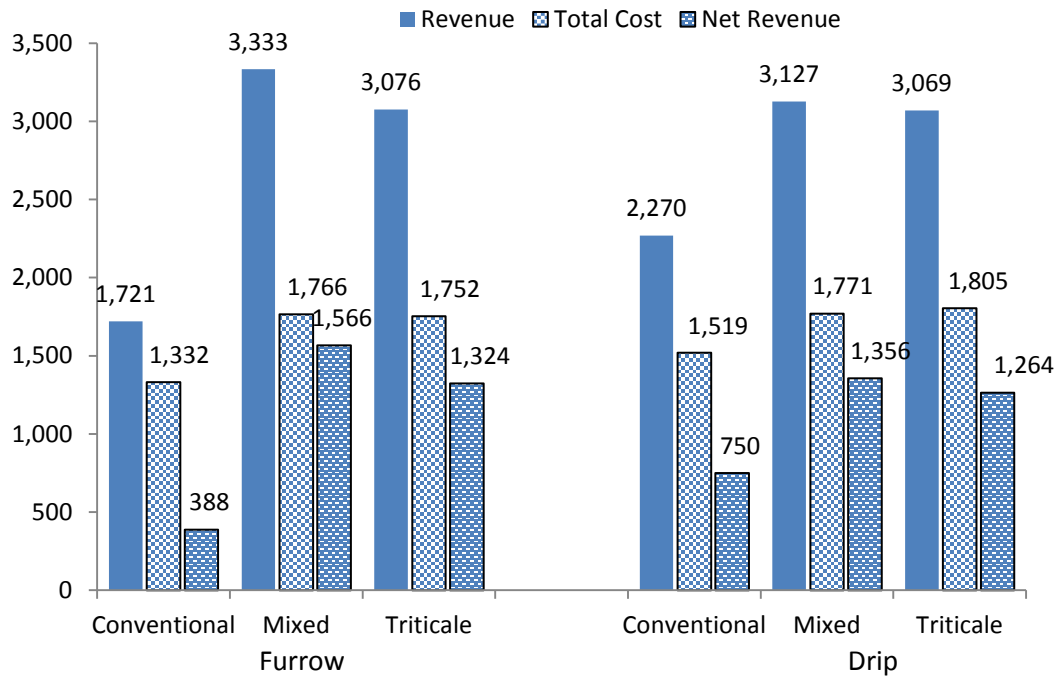
## Tomato Cost Breakdown \$/Acre 2011



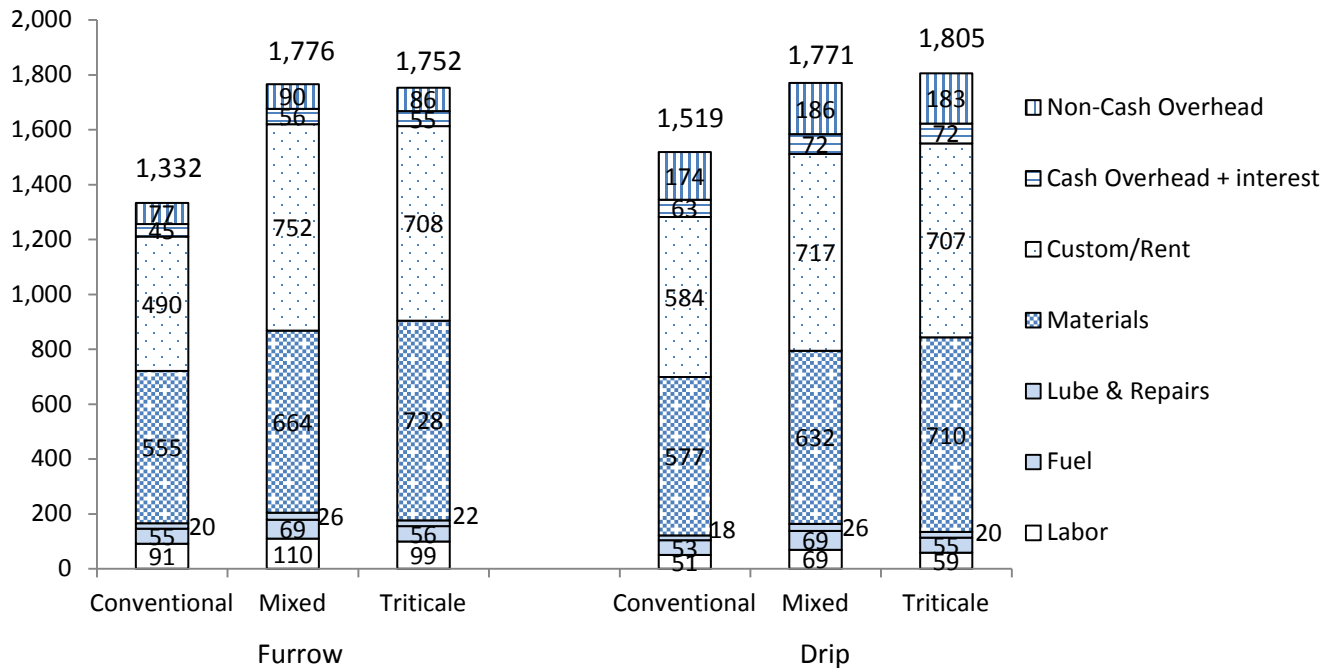
## Tomato Revenue, Costs, and Returns \$/Acre 2011



## Tomato Revenue, Costs, and Net Returns \$/Acre 2010



## Tomato Cost Breakdown \$/Acre 2010



# Russell Ranch Economic Results

## Water Cost Detail - 2011

	Surface Water Furrow	Groundwater Furrow	Groundwater Drip
<b>Conventional:</b>			
Water \$/ac foot	\$17.52	\$77.28	\$77.28
Ac Inches/A	31.05	31.05	21.16
Water cost \$/A	\$45.33	\$199.96	\$136.27
<b>Mixed:</b>			
Water \$/ac foot	\$17.52	\$77.28	\$77.28
Ac Inches/A	40.07	40.07	19.48
Water cost \$/A	\$58.50	\$258.05	\$125.45
<b>Triticale:</b>			
Water \$/ac foot	\$17.52	\$77.28	\$77.28
Ac Inches/A	32.95	32.95	19.48
Water cost \$/A	\$48.11	\$212.20	\$125.45

## Irrigation System Investment Detail – 80 Acres

	Initial Investment	Annual Capital Recovery	Insurance & taxes	Annual Repairs	Total Annual Cost
<b>Furrow/Surface:</b>					
40 HP pump	\$12,500	\$1,125	\$179	\$250	\$1,499
Siphon tubes	\$13,726	\$1,205	\$115	\$255	\$1,574
TOTAL	\$26,226	\$2,330	\$295	\$505	\$3,073
TOTAL per Acre	\$327.83	\$29.13	\$3.69	\$6.31	\$38.41
<b>Furrow/Groundwater:</b>					
75 HP pump	\$37,500	\$3,375	\$261.46	\$750	\$4,386
Siphon tubes	\$13,726	\$1,205	\$115	\$255	\$1,574
TOTAL	\$50,226	\$4,580	\$376	\$1,005	\$5,962
TOTAL per Acre	\$628	\$57.25	\$4.70	\$12.56	\$74.52
<b>Drip/Groundwater</b>					
75 HP pump	\$37,500	\$3,375	\$261.46	\$750	\$4,386
Drip system*	\$70,000	\$8,966	\$401.09	\$1,400	\$10,757
TOTAL	\$107,500	\$12,331	\$661.54	\$2,150	\$15,141
TOTAL per Acre	\$1,344	\$154	\$8.27	\$26.88	\$189.26

\*Includes materials and installation