



SWEET CORN (Processing) - Furrow Irrigation

Farm Enterprise Budget Series

Murrumbidgee Irrigation Area 2009

1. GROSS MARGIN BUDGET:

INCOME:

18 tonnes/ha @ \$185.00 /tonne

Standard Budget \$/ha	Your Budget \$/ha
\$3,330	

A. TOTAL INCOME \$/ha:

\$3,330	
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VARIABLE COSTS:

See following page for detail

Seed.....	\$420	
Tractor costs.....	\$196	
Irrigation.....	\$626	
Fertiliser.....	\$769	
Pest control.....	\$477	
Weed control.....	\$75	
Casual labour.....	\$53	
Harvesting.....	\$594	
Marketing.....	\$17	

B. TOTAL VARIABLE COSTS \$/ha:

\$3,226	
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C. GROSS MARGIN (A-B) \$/ha

\$104	
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D. GROSS MARGIN \$/ML

\$13	
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2. SENSITIVITY TABLES

2.1 EFFECT OF YIELD AND PRICE ON GROSS MARGIN PER HECTARE

YIELD t/ha	Price \$/tonne				
	\$165	\$175	\$185	\$195	\$205
12	-\$1,042	-\$922	-\$803	-\$683	-\$564
15	-\$648	-\$499	-\$350	-\$200	-\$51
18	-\$255	-\$75	\$104	\$283	\$462
21	\$139	\$348	\$557	\$766	\$975
24	\$533	\$771	\$1,010	\$1,249	\$1,488

2.2 EFFECT OF YIELD AND PRICE ON GROSS MARGIN PER MEGALITRE

YIELD t/ha	Price \$/tonne				
	\$165	\$175	\$185	\$195	\$205
12	-\$130	-\$115	-\$100	-\$85	-\$70
15	-\$81	-\$62	-\$44	-\$25	-\$6
18	-\$32	-\$9	\$13	\$35	\$58
21	\$17	\$43	\$70	\$96	\$122
24	\$67	\$96	\$126	\$156	\$186

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CALENDAR OF OPERATIONS:						
Operation	Machinery			Inputs		
	Hrs/ha	Cost \$/hr	Total \$/ha	Rate/ha	Cost	Total \$/ha
Deep rip	1.18	\$31.45	\$37.11			
Disc plough	1.74	\$24.18	\$42.07			
Fertiliser spreader; eg <i>Big N</i>	0.10	\$24.91	\$2.49	140kg	\$1.03	\$144.20
Lister	0.78	\$27.95	\$21.80			
Bedform	1.56	\$25.05	\$39.08			
Apply pre-emergent <i>eg: Duel Gold</i>	0.1	\$22.92	\$2.29	0.5L	\$23.50	\$11.75
Apply pre-emergent <i>eg: Primextra</i>				3.2L	\$9.23	\$29.54
Planter	0.29	\$31.12	\$9.02			
Seed (60,000 plants/ha)				12kg	\$35.00	\$420.00
Apply starter fertiliser <i>eg: Starterfos MAP</i>				200kg	\$1.63	\$326.00
Insecticide at sowing eg: <i>Counter</i>				2L	\$11.30	\$22.60
Foliar fertiliser <i>eg: Liquid Zinc</i>	0.1	\$22.92	\$2.29	2L	\$8.18	\$16.36
Apply post-emergent <i>eg: Banvel 500</i>	0.1	\$22.92	\$2.29	1L	\$33.30	\$33.30
Aerial spray heliothis <i>eg: Success 2</i>			\$21.00	0.4L	\$363.64	\$145.46
Aerial spray (+7days) <i>Success 2</i>			\$21.00	0.4L	\$363.64	\$145.46
Apply sidedressing fertiliser <i>eg: Urea</i>	0.1	\$24.91	\$4.98	290kg	\$0.98	\$284.20
Crop Monitoring						\$60.00
Aerial spray: heliothis <i>eg: Dominex</i> <i>eg: Lannate</i> (with above)			\$21.00	0.4L	\$27.50	\$11.00
				2L	\$14.60	\$29.20
Irrigation				8ML	\$32.80	\$262.39
Pumping costs				8ML	\$45.50	\$364.00
Contract harvest				18tonnes	\$33.00	\$594.00
Harvest labour				2.4hrs	\$22.00	\$52.80
Trailer	1.6	\$21.78	\$34.85			
Transported by processors						
Levy				0.50%		\$16.65

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