

Table 12: Dryland cotton double skip.

INCOME:	Lint:	2.50	bales/ha at	\$430	*/bale (at gin).....					\$1,075
	Seed:	0.90	tonnes/ha at	\$160	/tonne (at gin).....					\$144
A. TOTAL INCOME \$/ha:										\$1,219
Variable costs:										
CALENDAR OF OPERATIONS:										
				Machinery		Inputs				Total
Operation	Month	hrs /ha	Cost \$/hour	Total \$/ha	Rate/ha	Band Width	Cost \$	Total \$/ha		Total Cost \$/ha
Cultivation - chisel plough	Jan	0.14	40.46	5.66						5.66
Cultivation - chisel plough	Apr	0.14	40.46	5.66						5.66
Cultivation - scarifier	Jun	0.13	37.96	4.93						4.93
Herbicide - glyphosate CT ground spray	Aug	0.03	31.46	0.94	0.7 L	100%	5.23	1.83		2.77
Wetter - non-ionic surfactant	Aug	with above			0.2 L	100%	6.43	0.64		0.64
Cultivation - harrow	Sep	0.13	37.96	4.93						4.93
Herbicide - trifluralin ground spray	Sep	with above			2.1 L	100%	7.81	8.20		8.20
Crop insurance	Sep							24.38		24.38
Planting - precision planter	Sep	0.16	38.79	6.21						6.21
Planting - seed *	Sep	with above			8 kg	100%	6.18	24.72		24.72
Urea application	Sep	with above	40 kgN		87 kg	100%	0.47	20.45		20.45
Herbicide - cotogard ground spray *	Sep	with above			3.0 L	40%	12.65	7.59		7.59
Herbicide - dual ground spray *	Sep	with above			2.0 L	40%	17.24	6.90		6.90
Cultivation - inter-row	Oct	0.17	37.13	6.31						6.31
Insecticide - fipronil 200g/L	Nov	0.03	31.46	0.94	0.06 L	40%	300.00	3.60		4.54
Herbicide - shielded sprayer	Nov	0.10	35.46	3.55						3.55
Herbicide - glyphosate ground spray	Nov	with above			2.0 L	40%	5.42	2.17		2.17
Herbicide - shielded sprayer	Nov	0.10	35.46	3.55						3.55
Herbicide - glyphosate ground spray	Nov	with above			2.0 L	40%	5.42	2.17		2.17
Insecticide - BT	Dec	0.03	31.46	0.94	2.0 L	50%	22.90	11.45		6.67
Insecticide - amitraz EC	Dec	with above			2.0 L	50%	13.32	6.66		6.66
Growth Regulator - mepiquat -ground *	Jan	0.03	31.46	0.94	0.5 L	75%	28.85	5.41		6.35
Insecticide - emamectin	Jan	0.03	31.46	0.94	0.7 L	60%	96.00	20.16		13.04
Insecticide - spinosad 480g/L	Jan	0.03	31.46	0.94	0.2 L	75%	320.00	24.00		18.94
Insecticide - deltamethrin	Feb	aerial spray		12.50	0.7 L	100%	24.85	8.70		21.20
Insecticide - amitraz	Feb	with above			2.0 L	100%	13.32	13.32		13.32
Insecticide - chlorpyrifos	Feb	aerial spray		12.50	5.0 L	100%	9.35	23.38		35.88
Insecticide - ethion + zeta-cypermethrin	Feb	with above			2.2 L	100%	17.79	19.57		19.57
Insecticide - thiodicarb WP/WG	Mar	aerial spray		12.50	1.2 kg	100%	53.00	31.80		44.30
Defoliant - thidiazuron	Apr	contract		12.50	0.25 L	100%	142.32	17.79		30.29
Defoliant - crop oil	Apr	with above			2.0 L	100%	2.48	2.48		2.48
Defoliant - salt defoliant-aerial *	Apr	aerial spray		12.50	2.0 L	100%	1.25	1.25		13.75
Contract stripper picking and module building *	Apr	contract		\$150/hr @ 0.5 hrs/ha						82.00
Contract Module lifting	May	contract		\$50 /module @ 17 bales per module						7.35
Contract module cartage to gin	May	contract		\$3.35 /km @ 50 km from gin						24.63
Ginning charges	May	contract		\$60 /bale						150.00
Consultant	May	contract								45.00
ACF levy and Research levy	May			\$3.75 /bale						9.38
TOTAL COSTS:										\$696
C. GROSS MARGIN \$/HA:										\$523
Costs as a percentage of income:										43%

AGRONOMIC NOTES - DOUBLE SKIP ROW

Insects: Various insecticides are available for early season pest control (eg thrips, wireworms) but not included here, since they are not always required. # Fipronil is applied for mirid control. ## The selection of insecticides is highly dependent on the insect spectrum, growers should be aware this is a generic program and selection of products should be made with IPM strategies in mind. Refer to the "Integrated Pest Management Guidelines for Australian Cotton". Rotation of insecticides should be followed as per industry strategy, which changes each year due to changes in insect resistance to chemicals from season to season. For more detailed information, see the NSW Agriculture "Cotton Pest Management Guide 2001-2002". * Costs denoted are discounted by 50% for inclusion in the skip row system. Use of a particular brand name does NOT imply recommendation of that brand by NSW Agriculture. Always read chemical labels and follow directions, as it is your legal responsibility to do so.

Management: This budget is for a long fallow following a winter cereal crop. Skip row allows significant cost savings to be made during the growing season and at harvest, but there is a yield trade-off. **Fertiliser:** Fertiliser requirements should be based on paddock records and soil tests. **Weeds:** To reduce the likelihood of herbicide resistance, rotate herbicide groups and weed management techniques. **Price:** Dryland cotton sometimes receives a price discount due to stable length and trash content. An average discount of \$20/bale has been used in this budget.

Defoliant: The kind of defoliant used depends on the moisture status of the plant. **MACHINERY ASSUMPTIONS: Tractor:** 170 KW PTO (230 HP) and 200 KW engine (265 HP). Machinery costs refer to variable costs of: fuel, oil, filters, tyres, batteries and repairs.