



# Oats: Grain (Short Fallow)

## Central Zone - East

### Winter 2012

#### CALENDAR OF OPERATIONS:

Operation	Month	Machinery			Inputs			Total Cost \$/ha
		hr/ha	Cost \$/hour	Total \$/ha	rate/ha	Cost \$	Total \$/ha	
Weed control eg: glyphosate 450 g/L (Roundup CT®)	Dec/Jan	0.05	53.40	<b>\$2.88</b>	1.20 L	\$4.68/L	<b>\$5.62</b>	<b>\$8.49</b>
Wetter eg. alkoxyated alcohol 1000 g/L (BS 1000®)	Dec/Jan	with above			0.20 L	\$7.00/L	<b>\$1.40</b>	<b>\$1.40</b>
Weed control eg: triclopyr 600 g/L (Garlon®)	Dec/Jan	with above			0.08 L	\$19.60/L	<b>\$1.57</b>	<b>\$1.57</b>
Cultivation	Mar/Apr	0.17	57.07	<b>\$9.77</b>				<b>\$9.77</b>
Weed control eg: glyphosate 450 g/L (Roundup CT®)	May	0.05	53.40	<b>\$2.88</b>	1.20 L	\$4.68/L	<b>\$5.62</b>	<b>\$8.49</b>
Wetter eg. alkoxyated alcohol 1000 g/L (BS 1000®)	May	with above			0.20 L	\$7.00/L	<b>\$1.40</b>	<b>\$1.40</b>
Sowing	May	0.17	74.40	<b>\$12.50</b>	50 kg	\$0.85/kg	<b>\$42.50</b>	<b>\$55.00</b>
Seed dressing eg: Raxil® TSD	May	with above			0.05 kg	\$23.00/kg	<b>\$1.150</b>	<b>\$1.15</b>
Nitrogen fertiliser eg: urea	May	with above			40 kg	\$0.70/kg	<b>\$28.00</b>	<b>\$28.00</b>
Starter fertiliser eg: MAP	May	with above			60 kg	\$1.03/kg	<b>\$61.80</b>	<b>\$61.80</b>
Early post-emergent weed control eg: chlorsulfuron 750 g/L (Glean®)	Jun	0.05	53.40	<b>\$2.88</b>	20 g	\$0.08/g	<b>\$1.60</b>	<b>\$4.48</b>
Wetter eg. alkoxyated alcohol 1000 g/L (BS 1000®)	Jun	with above			0.20 L	\$7.00/L	<b>\$1.40</b>	<b>\$1.40</b>
Broadleaf weed control eg: LVE Agritone® 500g/L	Aug	0.05	53.40	2.88	0.60 L	\$10.00/L	<b>\$6.00</b>	<b>\$8.88</b>
Contract-harvest	Nov	contract		<b>\$64.80</b>				<b>\$64.80</b>
Crop Levies					1.02% of on-farm value			<b>\$4.83</b>
Crop Insurance					2.05% of on-farm value			<b>\$9.76</b>

\*\*\* Input and crop prices are correct at the time of writing (March 2012). Market uncertainty makes estimation of future pricing impractical.

#### NOTES:

##### Place in rotation:

- Short Fallow: Fallow or weed free period of 5-6 months between harvest of one crop and sowing of the next crop. For example, a paddock harvested in November would allow for a 5-6 month fallow until sowing in May.

##### Seed:

- Oats are not a disease break crop. It should be regarded as a host to common cereal diseases.

##### Variety:

- Seed price used above is for purchased seed; if using retained seed adjust budget accordingly.

##### Weed control:

- Seek advice from district agronomist or see Winter Crop Variety Sowing Guide - 2012 for variety selection.

##### Machinery:

- There are a wide range of herbicide combinations which can be used.

- Rotate herbicide groups and use other non-chemical methods to delay herbicide resistance.

- A tractor with 153 kW (181 HP) pto power and 166 kW (225 HP) engine power is assumed.

- Machinery costs refer only to variable costs: fuel, oil, filters, tyres, batteries & repairs.

- Contract-harvesting does not include the cost of fuel.

##### Labour:

- The labour required for machinery operations is 0.63 hr/ha

- Using a labour cost of \$22/hr, an additional \$13.77 can be deducted from the budget

##### Important notes:

- These gross margins are only a guide. They do not include overhead costs.

- **Use your own figures and price assumptions to estimate your own gross margin.**

- Use of a particular brand name does not imply a recommendation of that brand by NSW DPI.