



CANOLA: Long Fallow
Southern Zone - West

Dryland Winter 2012

1. GROSS MARGIN BUDGET:

INCOME:

1.5 tonnes/ha @ \$520 /t on farm

A. TOTAL INCOME \$/ha:

VARIABLE COSTS:

see opposite page for details

Cultivation

Sowing

Fertiliser

Herbicide

Insecticide

Contract windrowing

Contract harvesting

Levies

Crop Insurance

Cartage

B. TOTAL VARIABLE COSTS \$/ha:

C. GROSS MARGIN (A-B) \$/ha:

| Standard Budget \$/ha | Your Budget \$/ha |
|-----------------------|-------------------|
| \$780 | |
| \$780 | |
| \$34 | |
| \$44 | |
| \$141 | |
| \$38 | |
| \$13 | |
| \$50 | |
| \$54 | |
| \$10 | |
| \$30 | |
| \$0 | |
| \$414 | |
| \$366 | |

2. EFFECT OF YIELD AND PRICE ON GROSS MARGIN PER HECTARE:

| YIELD tonnes/ha | ON FARM PRICE (\$/tonne) | | | | |
|-----------------|--------------------------|----------|--------------|----------|----------|
| | \$440 /t | \$480 /t | \$520 /t | \$560 /t | \$600 /t |
| 0.00 | -\$374 | -\$374 | -\$374 | -\$374 | -\$374 |
| 0.50 | -\$165 | -\$146 | -\$127 | -\$108 | -\$89 |
| 1.00 | \$43 | \$81 | \$119 | \$158 | \$196 |
| 1.50 | \$252 | \$309 | \$366 | \$423 | \$480 |
| 2.00 | \$461 | \$537 | \$613 | \$689 | \$765 |
| 2.50 | \$689 | \$784 | \$879 | \$975 | \$1070 |
| 3.00 | \$898 | \$1012 | \$1126 | \$1240 | \$1355 |

Gross Margin (\$/ha)



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| CALENDAR OF OPERATIONS: | | | | | | | | |
|--|---------|------------|--------------|-------------|--|------------|-------------|------------------|
| Operation | Month | Machinery | | | Inputs | | | Total Cost \$/ha |
| | | hrs /ha | Cost \$/hour | Total \$/ha | Rate/ha | Cost \$ | Total \$/ha | |
| Broadleaf & grass weed control eg: glyphosate 450 | Jul | 0.05 | \$53.37 | \$2.87 | 1.25 L/ha | \$4.20/L | \$5.25 | \$8.12 |
| Chisel Plough | Oct | 0.22 | \$78.09 | \$17.18 | | | | \$17.18 |
| Wideline | Dec/Jan | 0.20 | \$85.84 | \$17.17 | | | | \$17.17 |
| Broadleaf & grass weed control eg: glyphosate 450 | Mar | 0.05 | \$53.37 | \$2.87 | 1.25 L/ha | \$4.20/L | \$5.25 | \$8.12 |
| Nitrogen and sulphur fertiliser eg: Canola Special® | Apr | 0.17 | \$91.67 | \$15.58 | 150 kg/ha | \$0.53/kg | \$79.65 | \$95.23 |
| Broadleaf and grass weed control eg: trifluralin | Apr | 0.05 | \$53.37 | \$2.87 | 1.50 L/ha | \$8.50/L | \$12.75 | \$15.62 |
| Sow | Apr/May | 0.17 | \$91.67 | \$15.58 | 2.20 kg/ha | \$12.85/kg | \$28.27 | \$43.85 |
| Apply starter fertiliser eg: DAP | | with above | | | 60 kg/ha | \$0.76/kg | \$45.60 | \$45.60 |
| Mite control eg: bifenthrin (Talstar®) | | 0.05 | \$53.37 | \$2.87 | 75ml/ha | \$46.00/L | \$3.45 | \$6.32 |
| Grass weed control: eg haloxyfop (Verdict®) | Jun | 0.05 | \$53.37 | \$2.87 | 0.06 L/ha | \$49/L | \$2.93 | \$5.81 |
| Insect control eg: aerial spray alpha-cypermethrin (Dominex 100 EC ®) (1 in 3 years) | Aug/Sep | contract | | \$18.15 | 0.20 L/ha | \$7.95/L | \$1.59 | \$6.58 |
| Contract windrow | Oct | contract | | \$50.00 | | | | \$50.00 |
| Contract harvest | Nov/Dec | contract | | \$54.36 | | | | \$54.36 |
| Crop levies | | | | | \$1.50/tonne + 1.015% of on-farm value | | | \$10.17 |
| Crop insurance | | | | | 3.80% of on-farm value | | | \$29.66 |

| NOTES: | |
|-----------------------|--|
| | <p>Use of a particular brand name does NOT imply a recommendation of that brand by NSW DPI. Always read chemical labels and follow directions carefully, as it is your legal responsibility to do so.</p> |
| Cropcheck: | - Monitor and record crop performance. Key checks include establishment, weeds, insects. Monitor nitrogen and sulphur status of crop. |
| Rotation: | - Canola is the first crop following a legume pasture phase or fallow. - Maintain a three-year break between canola crops; remove canola stubble to control disease. - Blackleg risk is greater when canola is grown every second year. |
| Varieties: | - See NSW DPI <i>Winter crop variety sowing guide 2012</i> . |
| Sowing time: | - Late April/mid May, reduce seeding rates if sowing early. |
| Soil: | - Canola is sensitive to acidic soils. Preferred soils are those with a pH above 5.0 (CaCl2). |
| Fertilisers: | - Ensure sulphur requirements are met before or at sowing. - Apply 150 kg/ha of Canola Special (33%N:12%S). - Use nitrogen soil tests as a guide to nitrogen requirements. - Treflan® and/or Avadex BW® is incorporated when applying fertiliser. |
| Oil Content: | - An oil bonus/discount of 1.5% of price is applied for every 1% above/below 40% oil content. |
| Weed control: | - See Weed control in winter crops 2012. Will vary between paddocks and seasons. |
| Pest control: | - A bare earth spray may be necessary if mites are not controlled the previous spring. |
| Windrowing: | - Reduces the risk of seed loss at harvest due to shattering. |
| Prices: | - Prices may fluctuate. Consider forward selling some of crop if prices are high. |
| Machinery: | - A tractor with 149 kW (200 HP) pto power and 177kW (240 HP) engine power is assumed. - Machinery costs refer to variable costs: fuel, oil, filters, tyres, batteries & repairs. |
| Labour: | - The labour required for machinery operations is 1.29 hrs/ha. - At \$22/hour this costs: \$28.31/ha changing the gross margin \$337.88/ha |
| Economic note: | - These gross margins are only a guide. They do not include overhead costs or GST. - Use your own figures and price assumptions to estimate your own gross margin. |