

2021 YEAR 12 AGRICULTURAL SCIENCE WORKSHEET 3

Short Answer Questions

INSTRUCTIONS

Please attempt these questions at the back of your Agricultural Science Book. Do not write the questions only answers.

2017 FY12CE

- (Q1) State **one** advantage of farm mechanization. (2 marks)
- (Q2) Compare the way in which the tines/tynes or blades of a rototiller and a power tiller turn and break up soil. (2 marks)
- (Q3) Differentiate between a whole farm budget in relation to the number of farming enterprise involved. (2 marks)
- (Q4) Explain **one** reason why farmers prepare budgets. (2 marks)

2018 FY12CE

- (Q5) State **one** reason why a farmer would purchase a tractor for the farm. (1 mark)
- (Q6) Differentiate between a mist blower and a knapsack sprayer to energy source (2 marks)
- (Q7) Explain one reason why farmers prepare Enterprise Budgets. (2 marks)
- (Q8) Name the type of budget which a goat farmer would use to help determine if the farm should buy replacement does or raise its own. (1 mark)

2019 FY12FE

- (Q9) Explain **one** reason why a commercial farmer would choose to use labourers instead of machines on a farm. (2 mark2)
- (Q10) The table below contains information taken from a farm 2020 budget.

	Unit	Capsicum	Chillies
Variable Cost	\$	1000.00	750.00
Gross Margin	\$/ha	3000.00	2500.00
Labour Requirement	Man hours	200	150

If labour is the limiting factor on the farm, based on calculations, which commodity should the farmer produce. (3 marks)