



SAMPLE ASSESSMENT OUTLINE

PLANT PRODUCTION SYSTEMS ATAR YEAR 12

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Sample assessment outline

Plant Production Systems – ATAR Year 12

Unit 3 and Unit 4

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Investigation	10%	10%	Semester 1 Week 5	Task 2: Investigating transpiration – students investigate some of the factors that affect the rate of transpiration
Production project	20%	5%	Semester 1 Week 7	Task 3: Fertiliser program for a plant enterprise – students develop a fertiliser plan for a selected plant enterprise
		5%	Semester 1 Week 12	Task 5: Control program for a plant weed – students identify a weed pest for a selected plant and compare the effectiveness of different control methods
		5%	Semester 2 Week 6	Task 9: Breeding plants for a changed climate – students identify a plant trait to improve a plant’s capacity to cope with climate change and develop a breeding plan for the trait
		2.5%	Semester 2 Week 10	Task 11: Production and Marketing Decisions – students choose an international wheat market, identify a wheat variety suited to the chosen market, and budget to produce a crop for the market
		2.5%	Semester 2 Week 12	Task 12: New technology – students plan for the use of a new technology to improve farming practice and explain how it will affect farming practice
Test	20%	4%	Semester 1 Week 4	Task 1: Systems ecology test
		4%	Semester 1 Week 11	Task 4: Plant structure and function and Plant environment test
		4%	Semester 1 Week 14	Task 6: Plant health test
		4%	Semester 2 Week 4	Task 8: Sustainable production test
		4%	Semester 2 Week 7	Task 10: Breeding and improvement test
Examination	50%	20%	Examination week	Task 7: Semester 1 Examination
		30%	Examination week	Task 13: Semester 2 Examination
Total	100%	100%		