**Sample Assessment Outline**

Plant Production Systems

General Year 12

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# Sample assessment outline

# Plant Production Systems – General Year 12

## Unit 3 and Unit 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Assessment type**  | **Assessment type weighting**  | **Assessment** **task** **weighting** | **When** | **Assessment task** |
| Investigation | 10% | 10% | Semester 1Week 1 | **Task 5:** Response of plant growth to nutrients – students grow oats to investigate their response to different concentrations of nitrogen fertiliser |
| Production project | 45% | 10% | Semester 1Week 2 | **Task 1:** Managing ecosystem components – students examine farm practices to manage both above ground and underground water, including its movement, storage and control to minimise soil erosion and salinisation of farm land |
| 5% | Semester 1Week 4 | **Task 2:** Plant growth stages and nutrient requirements – students take soil samples for analysis and develop a nutrient plan for a crop |
| 10% | Semester 1Week 6 | **Task 4:** Develop and implement a calendar of operations for a selected plant enterprise |
| 5% | Semester 1Week 15 | **Task 8:** Managing biosecurity – students examine on-farm practices to minimise the chances of plant pests and diseases entering or leaving the farm |
| 5% | Semester 2Week 6 | **Task 10:** Breeding plan – students identify a trait to breed for in a selected plant variety and develop a breeding plan designed to achieve a new variety that has the trait |
| 5% | Semester 2Week 9 | **Task 12:** Enterprise sustainability – students report on ways to improve the sustainability of a selected enterprise  |
| 5% | Semester 2Week 13 | **Task 13:** Budgeting – students prepare an annual cash flow budget of income and expenditure for a selected enterprise |
| Test  | 30% | 6% | Semester 1Week 6 | **Task 3:** Plant structure and function |
| 6% | Semester 1Week 11 | **Task 6:** Plant environment |
| 6% | Semester 2Week 2 | **Task 9:** Plant health |
| 6% | Semester 2Week 7 | **Task 11:** Breeding and improvement  |
| 6% | Semester 2Week 15 | **Task 14:** Economics, finance and markets |
| Externally set task | 15% | 15% | Semester 1Week 14 | **Task 7:** A task set by the SCSA based on the following content from Unit 3 – <teacher to insert information provided by the Authority> |
| **Total** | **100%** | **100%** |  |  |