

	Year 11	Year 12	Year 13
Course Content	<p>Soil management practices. Involves identifying soil structure and composition, modifying soils and developing mixtures for special purposes.</p> <p>Livestock management practices. Describes management practices and the effects of these on animal physiology and production.</p> <p>Impact on the environment of primary production management practices. Describe agricultural management practices and how they impact the environment.</p> <p>Pasture/Crop Production. Demonstrate knowledge of pasture/crop management practices.</p> <p>Primary industry purpose and location. Demonstrate knowledge of factors that influence the purpose and location of primary production in the Wairarapa</p>	<p>Management livestock practices. Allows for understanding of how NZ commercial management practices influence livestock growth and development, and quantity and quality.</p> <p>Pasture and crop growth. Understand soil health, plant growth for livestock feed,</p> <p>Environmental impact. Look at the environmental footprint of production systems, mitigations being done, and new research.</p> <p>Livestock behaviour. Describing the interactions between livestock behaviour and management practices in commercial production in New Zealand. This involves descriptions of how management practices take account of livestock behaviours and how livestock respond to different management practices</p>	<p>Production of a Primary product. Carry out an investigation into an aspect of a NZ primary product and its production.</p> <p>Profitability of Primary products. Research and report on the impact of factors on the profitability of a New Zealand primary product.</p> <p>Market forces. Demonstrate understanding of how market forces affect supply of and demand for primary products.</p> <p>Production Processes. Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s)</p>
Prerequisites	None	At least 8 credits from Level 1 Agriculture/ Horticulture or Science, including at least 4 from external Achievement Standards. Or at the HoF/Deans discretion.	At least 8 credits from Level 2 Agriculture/ Horticulture, including the external Achievement Standard. Or at the HoF/Deans discretion.
Assessment	<p>Internal (11 credits)</p> <p>91929 Demonstrate understanding of factors that influence the purpose and location of primary production (5 credits)</p> <p>91928 Demonstrate understanding of a life process and how it is managed in a primary production system (6 credits)</p> <p>External (5 credits)</p> <p>91930 Demonstrate understanding of how soil properties are managed in a primary production system (5 credits)</p> <p>Total Credits = 16</p>	<p>Internal (12 Credits)</p> <p>AS91295 (2.6) Understanding of livestock behaviour (4 credits)</p> <p>AS91298 (2.9) Report on the environmental impact of a locally produced primary product. (4 credits)</p> <p>AS91289 (2.1) Carry out an extended agricultural or horticultural investigation</p> <p>External (4) Credits)</p> <p>AS91294 (2.6) NZ commercial management practices influence livestock growth and development (4 credits)</p> <p>Total Credits = 16</p>	<p>Internal (10 Credits)</p> <p>AS91528 (3.1) Carry out an investigation into an aspect of a New Zealand primary product or its production (4 credits)</p> <p>AS91529 (3.2) Research and report on the profitability of a New Zealand primary product (6 credits)</p> <p>External (9 Credits)</p> <p>AS91531 (3.4) Production Process (4 credits)</p> <p>AS91530 (3.3) Market Forces (5 credits)</p> <p>Total Credits = 19</p>
Costs	Possible cost of workbook of \$25-30. No textbook charges. Printing will be required for some units. A pair of gumboots will need to be left in class.	No textbook charges. Printing will be required for some units. A pair of gumboots will need to be left in class.	No textbook charges. Printing will be required for some units.