

RECOMMENDED LEVEL OF ATTAINMENT

This course is suitable for students both with and without prior knowledge of farming. However, it is essential that students undertaking the course have genuine interest in the subject and entry is at the discretion of the TIC Agriculture.

INTRODUCTION

Agriculture continues to produce 65% of New Zealand's GDP and despite the economic downturn globally, NZ agricultural products are still competing well. The employment opportunities in agriculture are excellent for hard-working people.

SKILLS

- Planning and carrying out investigations
- Interpreting information
- Safety skills relating to the use of equipment and chemicals
- Various practical skills.

CONTENT

This has a production emphasis and the following are covered:

- Pasture production
- Manipulating animal growth
- Animal reproduction
- Soils and the environment.

Some practical work is completed at the National Trade Academy. Possible jobs at the completion of year are farm worker or horticultural worker. This course could lead to Dip Ag, Dip FMgt, BSc, BVSci, BAgSci, BCom(Ag), BEnviron, BAppliSci.

FUTURE PATHWAYS

13AGR. ITOs such as Telford National Trade Academy.

NCEA STANDARDS – 12AGR

Not all standards will necessarily be assessed.

	Level	Credits	UE Rdg.	UE Wrtg.	
Internal					
16 v6	3	5	no	no	Describe pasture plants and production, and ways to optimise pasture growth and utilisation
24543 v2	3	5	no	no	Demonstrate knowledge of the formation, and factors which influence properties, of soils on-farm
24557 v3	2	3	no	no	Demonstrate knowledge of the safe operation of an All Terrain Vehicle (ATV)
24832 v1	2	5	no	no	Open and draw out a coil of wire, tie knots, join wire, and prepare wire for transport and storage
91289 v2	2	4	no	no	Agricultural and Horticultural Science 2.1 - Carry out an extended practical agricultural or horticultural investigation
91293 v2	2	4	no	no	Agricultural and Horticultural Science 2.5 - Demonstrate understanding of livestock reproductive techniques in commercial production in New Zealand

RECOMMENDED LEVEL OF ATTAINMENT

At least two Level 2 external Achievement Standards in biology, agriculture or economics, or at the discretion of the TIC of Agriculture. A good level of literacy is required.

INTRODUCTION

This is an academic course designed to prepare students for degree studies in agriculture or related industries such as commerce and the environment. Scholarship exams are also available in this year. This course has a marketing focus, and the year combines the production with an overview of the micro and macro economic principles for an export nation. Possible jobs: Marketing, Farm Consultancy, Rural

Banking, Environmental Studies, Rural Sales Farm Management or Agricultural Research Courses this year could lead to: Dip Ag, Dip FMgt, BSc, BAgSci, BCom(Ag), BCom (marketing), BEnviron, BAppliSci.

CONTENT

The following concepts are covered:

Market forces influencing the supply and demand for agricultural products

The production manipulations a producer could apply to satisfy consumer demand.

The environmental issues and responsibilities associated with primary production

FUTURE PATHWAYS

Tertiary study at Lincoln or Massey Universities.

NCEA STANDARDS – 13AGR

Not all standards will necessarily be assessed.

	Level	Credits	UE Rdg.	UE Wrtg.	
External					
91531 v2	3	4	no	no	Agricultural and Horticultural Science 3.4 - Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s)
91532 v2	3	5	yes	yes	Agricultural and Horticultural Science 3.5 - Analyse a New Zealand primary production environmental issue
Internal					
91528 v2	3	4	no	no	Agricultural and Horticultural Science 3.1 - Carry out an investigation into an aspect of a New Zealand primary product or its production
91529 v2	3	6	yes	no	Agricultural and Horticultural Science 3.2 - Research and report on the impact of factors on the profitability of a New Zealand primary product