

## **New Zealand Scholarship Assessment Specifications**

### **General information**

#### **Scholarship Performance Standard** Agricultural and Horticultural Science

**Mode of Assessment** Written examination

**For year** 2009

### **Format of the assessment**

The paper will comprise three questions each worth 8 marks. Candidates are required to answer ALL questions.

Each question will have a primary focus on one of:

- the primary production system
- sustainability
- a contemporary issue.

All questions will require the candidate to answer in relation to at least one primary production system of their choice

### **Special notes**

1. Candidates will be required to have a detailed understanding of TWO primary production systems, and an understanding of other primary production systems. Candidates can apply the two systems and the other systems to each question. It is expected that these will include nationally significant, export-orientated primary production systems.
2. A primary production system involves physical, technical, economic and social factors, including but not limited to soil and water, climate, crops, plants, livestock, farmers or growers, employees, suppliers, authorities, processors, distributors, retailers, markets, consumers and science and technology.
3. Contemporary issues are those impacting now or likely to impact in the future on primary production systems. Contemporary issues for assessment in 2009 are limited to:
  - food miles
  - climate change,
  - traceability,

- market access
- food safety,
- soil and water degradation,
- biosecurity
- biotechnology

Candidates are expected to be able to discuss these issues in relation to their chosen primary production systems, and to other systems to which these issues have particular relevance.

Candidates should be familiar with the following:

- Level 3 Agricultural and Horticultural Science Achievement Standards
- Agricultural and Horticultural Science Scholarship Performance Standard and Explanatory Notes
- Situation and outlook for New Zealand agriculture and forestry (SONZAF), Ministry of Agriculture and Forestry; reports from 2007