



Next Generation: Farming Systems Technology Level 3 24 Weeks – Fulltime

The programme is approved by the New Zealand Qualifications Authority under section 249 of the Education Act 1989 and Ag Challenge Ltd is accredited to provide it under section 250 of the Act.

Graduate Profile	<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> • Apply theoretical knowledge of key farming inputs to pastoral farming systems. • Assist with key livestock production tasks in a pastoral farming context. • Utilise technology within pastoral farming systems. • Assess and minimise risk to self, others and equipment. • Apply theoretical knowledge of sustainable practices to pastoral farming systems <p><i>Qualification: New Zealand Certificate in Agriculture (Farming Systems) (Level 3) NZ2220</i></p>
Employment Pathway	<p>Graduates of this qualification may be employed in a range of roles in pastoral farming enterprises requiring limited supervision, for example milk harvester, shepherd, dairy farm assistant or general farm hand.</p>

Unit Schedule	Unit Standard Titles	NZQA Credits	Level
Assess and Minimise Risk to Self, others and equipment			
23542	Identify factors, and describe how to manage factors, that contribute to injury in a rural workplace	4	3
19145	Describe hydration, nutrition, and sleep in relation to physical well-being of agriculture workers	4	2
Apply Theoretical knowledge of key farming inputs to pastoral farming systems			
19103	Demonstrate knowledge of methods for promoting on-farm livestock health and health problems of livestock	8	3
19140	Demonstrate knowledge of water use and quality, and related land use issues in primary production	5	3
28922	Demonstrate understanding of pasture management in a pastoral livestock workplace	12	3
22174	Demonstrate knowledge of soils and fertilizers	5	2
Utilise Technology within pastoral farming systems			
29414	Describe and use a Global Positioning System (GPS) for a specified rural activity	2	3
22018	Demonstrate Knowledge of herd testing and its benefits to the agriculture industry	3	3
Apply theoretical knowledge of sustainable practices to pastoral farming systems			
17204	Demonstrate knowledge of Sustainable Land Management in the NZ environment, society and economy	10	3
Assist with Key Livestock Production Tasks			
28923	Assist with feeding pastoral livestock to meet production targets	8	3
28924	Assist with supplying water to livestock in a pastoral workplace	5	3

Unit Schedule	Unit Standard Title	NZQA Credits	Level
Choose Dairy Farming or Sheep Farming			
Dairy Farming			
18194	Prepare for milking, and milk cows, under close supervision	4	1
24547	Prepare equipment and treatments, restrain and treat dairy cattle, and perform drench calculations	6	3
26417	Assist with handling cattle in yards	2	2
24549	Clean the milking plant, vats or silos, dairy and yards	9	3
Sheep Farming			
577	Dag and crutch sheep with prepared equipment	5	2
15050	Describe wool pressing, press wool as directed, and assist with penning up of sheep	5	2
581	Dock and treat lambs	4	3
24638	Handle and treat sheep	6	3
Total Credits		87	

Course Starts: 3rd February 2020 with enrolments any time during the year	
Course Contact Days: Monday to Friday	Number Weeks Including Holidays: 24
Tutor: Tim Evans	Fees incl GST: Dairy \$3217.00 Sheep \$3173.00
Available: Whanganui	
ENROLMENT ENQUIRIES 0800 348 8215 or info@agchallenge.co.nz	

