HORTICULTURE LEARNING AND CAREER PATHWAYS



Tē tōia, tē haumatia ~ Nothing can be achieved without a plan, workforce and a way of doing things

KEY Secondary School Training Provider Tertiary Training Provider Te Pükenga

WHAT YOU NEED

Subjects to Study:

You can study towards a career in horticulture while you are in secondary school.

Here are the subjects that will help you get a head start in horticulture:

- AgriBusiness
- · Agriculture and Horticultural Sciences
- Technology
- Science
- Marketina
- English
- Maths
- Environment studies

Top Skills for Candidates in the Food & Fibre Sector:

- · Work-ready attitude
- · Scientific and technical interest
- Problem solvina
- Willing to learn
- Motivated and enthusiastic

GATEWAY PROGRAMME

Open to Year 11 to 13 students to gain NCEA credits in NZ Certificate in Primary Industry Skills (Horticulture) Level 2 and NZ Certificate in Horticulture Level 1 and 2 secondary schools.



TRADES ACADEMY

Open to secondary school students and school leavers to gain practical experience and NZQA pre-trade qualifications in NZ Certificate in Primary Industry Skills (Horticulture) Level 2 and NZ Certificate in Horticulture Level 3.



LEVEL 1 • NZ Certificates in Horticulture



CERTIFICATE LEVEL 2

- NZ Certificate in Horticulture
- NZ Certificate in Primary Industry Skills (Horticulture)

CERTIFICATE

- Introduction to Applied Horticulture
- NZ Certificate in Horticulture
- NZ Certificate in Land Based Sustainability Practices

- Master of Management in Agribusiness
- Master of Science in Food Innovation
- Master of Horticulture Science



DEGREES

- Bachelor of Horticultural Science
- Bachelor of AgriBusiness & Food Marketing
- Bachelor of Commerce (Horticulture)
- Bachelor of AgriBusiness
- Bachelor of Science (Plant Science)
- Bachelor of Engineering (Mechatronics)



DIPLOMAS

- NZ Diploma in Horticulture
- NZ Diploma in Horticulture Production
- NZ Diploma in AgriBusiness Management
- NZ Diploma in Environmental Management
- Diploma in Applied Science
- Diploma in Horticulture
- Diploma in Horticulture AgriBusiness
- Diploma in Horticulture Business
- Diploma in Horticultural Management
- Diploma in Natural Resources
- Diploma in Organic Agri-Food Production
- Diploma in Horticulture Production
- Diploma in Science & Technology
- Post Graduate Diploma in Horticulture Science
- Graduate Certificate in Science & Technology
- Graduate Diploma in Logistics and Supply Chain Management



CERTIFICATE LEVEL 5

NZ Certificate in Science & Technology



CERTIFICATE

- NZ Certificate in Horticulture Production
- NZ Certificate in Organic Primary Production
- NZ Certificate in Pest Operations
- NZ Certificate in Sustainable Primary Production











HORTICULTURE

WHEREVER YOU ARE NOW, MAP YOUR PATHWAY INTO HORTICULTURE

Horticulture is a significant industry for New Zealand, employing around 60,000 people. It takes a talented team to grow, process and deliver our healthy, sustainable fruit and vegetable product to over 130 markets around the world. Start here to map your career in horticulture and get growing.

SECONDARY SCHOOL

GATEWAY PROGRAMME

Years 11 to 13

Gateway is a 12 month programme to gain a basic understanding, theoretical and operational knowledge of horticulture. Students can access work experience and earn NCEA credits towards New Zealand Qualifications Authority (NZQA) National Certificates in Horticulture Levels 1 to 3, Diplomas and horticulture apprenticeships.

TRADES ACADEMY PROGRAMME Years 11 to 13

Trades Academies help secondary students including those looking to transition to the workforce become work-ready for a career in horticulture. Students gain a basic understanding, theoretical and operational knowledge of horticulture, and achieve unit standards and credits towards National Certificates in Horticulture. In many programmes, students also receive assistance to find employment in horticulture.

SCHOOL LEAVERS & EMPLOYEES

PRIMARY INDUSTRY TRAINING ORGANISATION (PITO)

Industry Training Organisations offer on-job training through apprenticeship and trainee programmes. Employees can earn while they learn and complete NZQA National Certificate and Diplomas in levels 2 to 6, which form part of PITO apprenticeship and trainee programmes.

TE PÜKENGA & PRIVATE TRAINING ESTABLISHMENTS (PTES)

Te Pūkenga and PTEs provide NZQA specialised practical or theoretical knowledge in horticulture at certificate and diploma levels 1 to 6 online, on-campus. and in the workplace. Students are taught to analyse and design solutions, and apply the processes used in horticulture. Diplomas also teach the self-management and leadership skills required to succeed in technician and mid-level roles.

UNIVERSITY

Universities develop students' understanding of advanced technical and theoretical knowledge, enabling them to work with key principles and challenges. Students learn to critically analyse, evaluate and apply a range of processes and solutions independently. They work at the forefront of industry knowledge and practices, and can advance onto pioneer research and development.



BACKED BY A TALENTED TEAM

It takes more than a passion for producing fruit and vegetables to feed a growing global population. Horticulture needs people from science, technology and business to develop, produce and deliver our world class horticulture product to consumers' tables around the world. Be part of the solution to global food supply and put your talent to work in New Zealand's horticulture industry.

TAKE THE NEXT STEP

GoHort has a network of Career Progression Managers across New Zealand who can help you map on the learning and career pathway right for you.

