

Horticultural Mechanisation

QQI Level 5 Component Award - 15 Credits

- **Course Location:** Teagasc Kildalton College, Piltown, Co Kilkenny, E32 YW08.
- **Aim of this module:** To equip the learner with the knowledge, skill and competence to operate and maintain a range of hand and powered horticultural machinery and implements. This course will lead to a minor award at NFQ Level 5 in Horticulture Mechanisation (5N259).
- **Who should apply?** This course is designed for people currently pursuing careers in any horticulture sector and for those who wish to further their knowledge and experience of the safe use and maintenance of a wide range of hand and pedestrian operated equipment used in the sector. It affords the opportunity to study an area of horticulture on a part-time basis while gaining an approved Level 5 minor award.
- By taking other Level 5 modules, students may be able to build towards a full QQI Level 5 Certificate in Horticulture.
- Please check our website for entry requirements for this course.

Course Structure & Fees

- This course will be delivered on Thursdays 2:00pm - 4:30pm from 10th September 2026 to 29th April 2027 (28 weeks).
- Sessions will comprise of lectures and hands on practical classes. Skills learned throughout the course will be assessed at regular intervals.
- Students will be provided with appropriate PPE (Personal Protection Equipment) but will be required to have safety boots and appropriate work trousers for each of the practical/ demonstration classes.
- Course fee: €290.00



Module Content for Horticultural Mechanisation

On completion of this module, students will be able to:

- Identify a range of machinery and hand tools
- Use a range of hand tools for soil cultivation
- Explain the working principles of engines used in horticulture
- Use a range of hand operated mowers
- Use a pedestrian operated rotary cultivator
- Use a hedge trimmer
- Use a strimmer
- Use a knapsack sprayer
- Service a diesel or two and four-stroke petrol engine



Level 5 Horticulture Component Schedule 2026/2027

Course	Course Fee €	Schedule	Duration
Plant Propagation	290	Tuesday 9.30 to 1.00	15/9/26 to 27/4/27
Plant Identification and Use	220	Wednesday 2.00 to 4.30	9/9/26 to 28/4/27
Fruit and Vegetable Production	290	Thursday 9.30 to 1.00	10/9/26 to 29/4/27
Horticultural Mechanisation	290	Thursday 2.00 to 4.30	10/9/26 to 29/4/27
Plant Protection	290	Tuesday 2.00 to 4.30	15/9/26 to 27/4/27
Soil Science and Growing Media	220	Friday 9.30 to 1.00	11/9/26 to 18/12/26
Landscape Construction and Maintenance	290	Thursday 9.30 to 1.00	10/9/26 to 29/4/27
Plant Science	220	Wednesday 9.30 to 1.00	9/9/26 to 16/12/26
Leadership	290	Friday 9.00 to 1.30	15/1/27 to 30/4/27
Work Experience	290	Anytime for 8 weeks	September 2026 to May 2027

We are now taking applications for our SEPTEMBER 2026 intake full and part time courses. Please note places on this course are offered on a first apply basis and places are limited. Register your interest and APPLY online now: www.teagasc.ie -

Apply Online - Level 5 Component Awards in Horticulture at Kildalton College

Please check our website for entry requirements for these courses

For more information about the delivery of these modules contact Kildalton College

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www.Teagasc.ie