

1. TITLE OF THE CERTIFICATE (ES)

Certificado de Profesionalidad de nivel 2 en
AGAU0110 PRODUCCIÓN DE SEMILLAS Y PLANTAS EN VIVERO

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Professional Certificate Level 2 in
AGAU0110 SEEDS AND PLANTS PRODUCTION IN NURSERY
(This translation has no legal status)

3. PROFILE OF SKILLS AND COMPETENCES

The holder of this certificate will have acquired the **general competence** to carry out the operations of propagation and plant cultivation in a nursery, as well as seeds production, monitoring plants health, using the equipment, machines and tools, based on quality criteria and following current regulations, including environmental and occupational risks prevention. This general competence is divided into the following **skill units**(UC):

- Carry out plants propagation operations in nursery (UC1479_2).
- Carry out plant and turf production operations in nursery (UC1480_2).
- Carry out seeds production operations (UC1481_2).
- Control of pests, diseases, weeds and physiological disorders (UC0525_2).
- Handle tractors and install agricultural facilities, including their maintenance (UC0526_2).

The professional skills are acquired through the **learning outcomes** defined within the related Training Modules (MF):

- Plant propagation in nursery (MF1479_2).
- Plants and turf growing in nursery (MF1480_2).
- Seeds production (MF1481_2).
- Phytosanitary control (MF0525_2).
- Mechanization and agricultural facilities (MF0526_2).
- Practical training at workplace in seeds and plants production in nursery (MP0372).

(See legal basis for all learning outcomes information acquired by the holder of this Certificate in each MF).

As a reference the learning outcomes include in the Practical training at the workplace that complete and reinforce the learning outcomes acquired in the other training modules, are:

- Carry out operations of sexual and asexual reproduction of nursery plants.
- Carry out cultivation operations of nursery plants.
- Collect and process batches of seed for trading.
- Carry out the phytosanitary treatments needed, using appropriate mechanical means and following regulations.
- Carry out the installation and maintenance of facilities.
- Handle and do the maintenance of tractors and traction equipment.
- Participate in the working processes of the company, following the rules and instructions established at the workplace.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THIS CERTIFICATE

The holder of this certificate may work in the agricultural sector associated within the subsectors of plant breeding and seed treatments for reproduction in the following productive activities in: nurseries public and private; producers and traders of seeds, turfs and plants; public institutions dedicated to the supervision and control of plants and seeds production; institutions of research and experimentation in agriculture and forestry. The most relevant occupations and work positions are:

- Nursery worker, in general.
- Orchards, greenhouses, nurseries and gardens worker, in general.
- Grafter and/or pruner.
- Maintenance worker in urban parks, historic and botanical gardens.
- Gardener in general.
- Worker for cultivation plants for cut flowers.
- Qualified self-employed worker in orchards, nurseries and gardens.
- Qualified worker in orchards, nurseries and gardens.
- Qualified worker in nursery plant propagation.
- Qualified worker in growing nursery plants.
- Qualified worker in seed production.
- Phytosanitary treatments equipment operator.
- Agricultural tractor driver-operator.

Necessary requirements for professional practice:

For driving tractors and other driving farm equipment in the farm working or operations and circulation in public roadways in accordance with the requirements of the competent authority, it is necessary a tractor driving license.

For pesticide application, the holder must have a license as Pesticide Applier/Handler (Order PRE/2922/2005 of 19 September, modifying Order 8 of March 1994, establishing the regulations approving training courses for use of pesticides).

5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the national/regional authority providing accreditation/recognition of the certificate

The Ministry of Employment and Social Security or the corresponding autonomous regional administration within the scope of its competence, in the name of the King. The certificate is valid throughout Spain.

Level of the certificate

The Professional Certificate Level 2 of the National Repertoire of Professional Certificates corresponds to level 3 of the International Standard Classification of Education (ISCED-P 2011).

The European Qualification Framework (EQF) level:

Grading scale/Pass requirements

The grading scale and pass level of the training modules are expressed on a scale of 0 to 10. The minimum score for a pass is 5 in every training module including a pass in the practical training at the workplace module.

The grading system is as follows:

- FAIL: 0 to 4.9
- PASS-SATISFACTORY: 5 to 6.9
- PASS-GOOD: 7 to 8.9
- PASS-EXCELLENT: 9 to 10

Access to next level of education/training

This Professional Certificate Level 2 gives access to Professional Certificate Level 3 within the same professional area and family.

For validation purposes, the educational authorities will recognise the professional module or modules of the VET diplomas corresponding to the skills units included in the training modules of this certificate.

Legal basis

Royal Decree 1519/2011, of October 31st, by which seven professional certificates of the Professional Family of Agriculture, include in the National Repertoire of professional certificates are established. (Appendix III, Code: AGAU0110)

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

This certificate may be acquired by:

1. Training: Completion with a pass grade of the face-to-face or online training programme.
2. Recognition of the professional skills acquired through professional experience or non-formal training (prior learning): Completion of a process of skills evaluation and accreditation in all the skills units making up the professional certificate.
3. Dual training: Completion of a training and apprenticeship contract, which may range from 1 year (or 6 months, if stipulated as such in the collective agreement) to 3 years, during which effective working time is combined with time dedicated to training under the training programme for the professional certificate.

The training method (number 1 above) requires successful completion of the training modules and the practical training at the workplace:

Description of vocational training received	Percentage of total programme (%)	Duration (hours)
Training modules	86	500
Practical training at the workplace	14	80
Total duration of training leading to the certificate		580

Entry/access requirements:

- Compulsory Secondary Education Diploma (Lower secondary education); or
- Professional Certificate Level 1 in the same professional area.
- If neither of the above or higher certifications are held, a pass in the key skills tests.

Additional information: Professional certificates are instruments for official accreditation of the professional qualifications in the National Catalogue of Professional Qualifications for all economic activities, within the scope of the labour administration. The National Repertoire of Professional Certificates is divided into three qualification levels (Level 1, Level 2 and Level 3), and by sectors into 26 professional families and 102 professional areas. More information is available at: www.sepe.es

National Europass Centre: www.sepie.es

(*) **Explanatory note:** This document is designed to provide additional information about the specified certificate, but has no legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications; Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates; and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information is available at: <http://europass.cedefop.eu.int>

Information on Professional Certificates of the Map of Qualifications and Vocational Training in Spain

