



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Specialist teelt en techniek
Kwalificatiedossier: Teelt 4

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Specialist cultivation and technology
Qualification file: Cultivation

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of a Specialist cultivation and technology are:

Core task 1: Cultivates product/crop

- 1.1 Carries out cultivation actions
- 1.2 Masters process crop/prodcut
- 1.3 Manages cultivation process
- 1.4 Manages crop process
- 1.5 Takes care of machines and appliances/technical installations
- 1.6 Checks technical installation and appliances
- 1.7 Makes use of externals

Core task 2: Organises cultivation and labour

- 2.1 Supervises colleagues (in technical professional areas)

Core task 3: Manages part of the business

- 3.1 Formulates departmental plan
- 3.2 Innovates department
- 3.3 Monitors implementation of quality policy
- 3.4 Takes care of development of employees
- 3.4 Analyses and evaluates (labour)process
- 3.5 Optimises (labour)process
- 3.6 Forms and uses networks

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

The Specialist cultivation and technology works in the primary sector on a plant cultivation company. This sub sector includes vegetable cultivation, bulb cultivation, potted plant cultivation, mushroom cultivation, cut flowers cultivation, agriculture, olericulture, bulb-growing cultivation, tree and plant cultivation, fruit cultivation or a combination of these cultivations. Depending on the cultivation, the Specialist cultivation and technology works in the indoor farming or the outdoors farming.

*** Explanatory note**

This document is designed to provide additional information about the specified certificate and does not have any 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://www.europass.cedefop.europa.eu/>

© European Communities 2002 - Version 2010

5. OFFICIAL BASIS OF THE CERTIFICATE																					
<p>Name and status of the body awarding the certificate The certificate issued on completion of the programme is signed by the examination board at the school where the pupil attended the programme.</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education, Culture and Science</p>																				
<p>Level of the certificate (national or international) Qualification level 4 of the Dutch VET qualification structure Characteristics: non-job related skills such as tactical and strategic capacities. The professional bears his or her own responsibility, which is not only related to practical implementation in terms of monitoring and supervision, but also a more formal, organisational responsibility. The range of tasks also includes drafting new procedures. NLQF level 4 - EQF level 4 - ISCED 3A</p>	<p>Grading scale / Pass requirements</p> <table border="0"> <tr><td>10</td><td>excellent</td></tr> <tr><td>9</td><td>very good</td></tr> <tr><td>8</td><td>good</td></tr> <tr><td>7</td><td>very satisfactory</td></tr> <tr><td>6</td><td>pass</td></tr> <tr><td>5</td><td>fail</td></tr> <tr><td>4</td><td>unsatisfactory</td></tr> <tr><td>3</td><td>very unsatisfactory</td></tr> <tr><td>2</td><td>poor</td></tr> <tr><td>1</td><td>very poor</td></tr> </table>	10	excellent	9	very good	8	good	7	very satisfactory	6	pass	5	fail	4	unsatisfactory	3	very unsatisfactory	2	poor	1	very poor
10	excellent																				
9	very good																				
8	good																				
7	very satisfactory																				
6	pass																				
5	fail																				
4	unsatisfactory																				
3	very unsatisfactory																				
2	poor																				
1	very poor																				
<p>Access to next level of education/professions Via experience and/or training, to a limited degree, a switch is possible to the position of business manager and/or self-employed entrepreneur in another sector, both inside and outside the agricultural field. Next to this, the Specialist cultivation and technology can continue to develop within the sector to a specialist in one of the parts: for instance, climate control, energy management or crop protection. As a specialist in one of these fields, he could also work as an advisor/account manager for a supplier in horticulture technology.</p>	<p>International agreements The profession of Specialist cultivation and technology is not regulated in the Netherlands. However the education and training for this profession on qualification level 4 is regulated under the European directive 2005/36/EC, amended by directive 2013/55/EU. The regulated education and training gives access to regulated professions at the level of a diploma according to article 11 of this directive.</p>																				
<p>Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 97682 The education and training for this qualification is offered as of August 1, 2010.</p>																					

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE	
<p>Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbl). In the school-based pathway, the majority of the course consists of theory at school. The extent of the practical component (vocational practice) is between 20% and 60%. In the training on the job pathway, the extent of vocational practice is at least 60% of the course. The participant works four days a week in a training company, and attends school for theory subjects just one day a week. In principle it is possible to follow both learning pathways, but which pathway is offered will depend on the individual educational institution.</p>	
<p>Average duration of the education/ training leading to the certificate</p>	<p>4 years (6400 study hours) (depending on previous education)</p>
<p>Entry requirements The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.</p>	

7. ADDITIONAL INFORMATION
<p>Dutch senior secondary VET is based on qualification files, that each contain one or more qualifications. The information in section 3 and 4 is drawn directly from the qualification file, that is composed by the Centre of Expertise. The complete qualification file is available at http://kwalificaties.s-bb.nl, only in Dutch.</p> <p>Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP) for VET: www.nl-nrp.nl</p> <p>SBB has been appointed by the Ministry of Education, Culture and Science as NRP.</p>