



1. TITLE OF THE CERTIFICATE (NL)

Diploma Beroepsonderwijs
Kwalificatie: Manager teelt en gewasbescherming
Kwalificatiedossier: Teelt 4

In the original language

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Certificate Senior Secondary Vocational Education
Qualification: Manager cultivation and crop protection
Qualification file: Cultivation 4

This translation has no legal status

3. PROFILE OF SKILLS AND COMPETENCES

The most important duties of a Manager cultivation and crop protection are:

Core task 1: Cultivates product/crop

- 1.1 Formulates a cultivation plan
- 1.2 Carries out cultivation activities
- 1.3 Manages process crop/product
- 1.4 Manages crop process
- 1.5 Takes care of and manages business equipment/working environment

Core task 2: Organises crop and labor

- 2.1 Plans and divides up the working duties
- 2.2 Supervises colleagues (in technical professional areas)
- 2.3 Supervises colleagues
- 2.4 Monitors the progress of the working duties
- 2.5 Is responsible for providing information for staff

Core task 3: Manages part of the business

- 3.1 Formulates departmental plan
- 3.2 Innovates the business
- 3.3 Analyses the financial situation
- 3.4 Monitors implementation of quality policy
- 3.5 Analyses and evaluates (labour)process
- 3.6 Optimises (labour)process
- 3.7 Handles complaints
- 3.8 Forms networks and uses them

Core task 4: Enterprises

- 4.1 Determines business location
- 4.2 Chooses company form
- 3 Draws up a marketing plan
- 4.4 Carries out financial administration
- 4.5 Determine policy relating to quality safety, environment and working conditions

*** 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/>

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3. PROFILE OF SKILLS AND COMPETENCES

- 4.6 Promotes and profiles the business
- 4.7 Purchases for the business and manages the stock
- 4.8 Determines rates

Core task 5: Determines and monitors crop protection

- 5.1 Determines crop protection plan
- 5.2 Manages crop protection process
- 5.3 Coordinates storage

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

The Manager cultivation and crop protection works in the primary sector on a plant and cultivation company which focuses on vegetable cultivation, bulb cultivation, potted plant cultivation, mushroom cultivation, cut flowers cultivation, agriculture, floriculture, bulb-growing cultivation, tree and plant cultivation, fruit cultivation or a combination of these cultivations. Depending on the cultivation, the Manager either works in indoor farming or cultivates outdoors. The Manager cultivation and crop protection could be employed as an independent entrepreneur or as senior manager on the payroll.

5. OFFICIAL BASIS OF THE CERTIFICATE

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.	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry of Education, Culture and Science
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	Grading scale / Pass requirements 10 excellent 9 very good 8 good 7 very satisfactory 6 pass 5 fail 4 unsatisfactory 3 very unsatisfactory 2 poor 1 very poor
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. In addition, the Manager cultivation can do higher vocational education. For instance, to specialize further in the field of trade, IT, or technology.	International agreements The profession of Manager cultivation and crop protection 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.
Legal basis Act on Vocational Education and Training (WEB), registered number of qualification (crebo): 97795 The education and training for this qualification is offered as of August 1, 2012.	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Senior secondary vocational education features two learning pathways: the school-based pathway (bol) and the training on the job pathway (bbi).

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.

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Average duration of the education/ training leading to the certificate	4 years (6400 study hours) (depending on previous education)
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Entry requirements

The certificate preparatory vocational secondary education (vmbo) advanced vocational programme, combined programme, or theoretical programme, or a comparable level.

7. ADDITIONAL INFORMATION

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.

Additional information, including a description of the Dutch national qualifications system, is available at the Netherlands National Reference Point (NRP) for VET: www.nlgrp.nl

SBB has been appointed by the Ministry of Education, Culture and Science as NRP.