

Recognition for Unit of Competency

Unit Number: **RTF4004A**

Unit Name: **Develop a plant nutrition program**

Teaching Section: **Primary Industry & Natural Resources**

Step 1: Read the unit competency requirements (If you have the skills/knowledge to meet these elements, go to step 2)

Unit Descriptor: This competency standard covers the process of developing a plant nutrition program in the horticultural or agricultural industry. Planning requires consideration of site factors, plant species requirements, soil and plant tissue analysis, nutrient application procedures, and monitoring OHS hazards and environmental impacts.

Developing a plant nutrition program is likely to be undertaken without supervision, with only general guidance on progress by managers. Responsibility for and limited organisation of the work of others involved in the program may be required. Developing a plant nutrition program requires a broad range of skills and involves the application of extensive knowledge including plant biology, plant nutrition requirements, and soil and other growing media properties.

ELEMENTS	PERFORMANCE CRITERIA
1. Determine additives required by performing soil and plant testing	<ul style="list-style-type: none"> • Appropriate soil and plant tests are determined according to the requirements of the plant species, climatic conditions, prevailing growth media and plant conditions, industry best practice, and enterprise guidelines. • A soil and plant testing program is developed which defines field and off-site testing activities, task responsibilities, involvement of contractors, scheduling, and desired information outcomes. • Testing tasks are implemented and monitored, liaison procedures with outside testing agencies are supervised, and remedial action is undertaken where necessary. • Data and readings are compiled and presented in a form that can be easily read and interpreted. • Seasonal issues are determined from published data on the species, historical records, own experience, industry best practice and enterprise guidelines. • Nutritional status of the plant species is determined by analysing collected data and comparing to accepted standards.

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2. Identify the requirements of a plant nutrition program	<ul style="list-style-type: none">• The plant nutrition program is developed to achieve the appropriate plant condition according to the enterprise production plan.• The different nutritional requirements during a range of conditions over the growing cycle of the plant are identified according to published data on the species, historical records, own experience, and enterprise guidelines.• Resources, tools, equipment and machinery required for the plant nutrition program are identified, costed, and availability confirmed with suppliers, contractors and appropriate personnel.• The most cost-effective approach to applying the required nutrients is determined.• OHS hazards associated with the implementation of the plant nutrition program are identified, risks assessed and controls developed according to enterprise guidelines, costed and documented in the plan.• Environmental implications of the plant nutrition program are identified and documented in the plant nutrition program.
3. Prepare and document the plant nutrition program and specifications	<ul style="list-style-type: none">• Detailed plan, specifications and quotation are prepared based on the requirements of the program and presented to management for acceptance.• Detailed on-site procedures and schedules required for the plant nutrition program are developed and documented.
4. Monitor the plant nutrition program	<ul style="list-style-type: none">• Implementation of the program is monitored by soil and plant testing to ensure requirements of the enterprise production plan are achieved.• The nutrition program is reviewed and monitored to ensure it remains responsive to changing conditions.• Appropriate courses of action are implemented to alleviate or overcome identified shortcomings in the program.• Remedial action undertaken is documented and reported to management according to enterprise policy.

Step 2: Complete your personal and unit details

TAFE NSW
 Student Number: Last Name: First Name:

SAM Number: Unit Number: Unit Name:

Step 3: List your evidence for recognition

List your evidence below providing as much detail as possible. **Note:** recognition can only be granted for a full unit of competency. If you can meet most of these elements but not all, contact the appropriate teaching section to discuss gap training.

Attach additional paper if more space is required.

Qualifications &/or formal statements	Professional Development & Training	Work Experience	Other Experience & Skills
List your qualifications and/or formal statements relevant for this unit. Evidence may include: Statement of Attainment, Certificate, Diploma etc.	List any other training and development activities completed at work. Eg: Staff Development Activities, Training Sessions, One to one training by a qualified senior staff member.	List what you do or have done at work that meets the unit description. Eg: activities, duties, projects. etc. Evidence may include: letter of confirmation from your employer, duty statement.	List your membership of organisations, voluntary work, community work or self employment/home business. Evidence may include: membership certificate, reference letter from clients.

Student Declaration All information I provide to support this application is true and correct.

Recognition Granted: YES NO

Signature of Student:	<input type="text"/>			Reason for Non Approval (if applicable):	<input type="text"/>		
Date submitted:	/ /						
Name of Assessor:	<input type="text"/>						
Signature of Assessor:	<input type="text"/>			Date Processed:	/ /		

Step 4: Attach all certified documents and sign the Student Declaration

Do not send original qualifications, formal completion statements or membership certificates. Instead, supply certified copies. Certified means you need to have your original documents sighted and a copy signed by:

- a Justice of the Peace (JP) or any Officer of the Court
- a teacher or Course Information Office at OTEN
- a TAFE NSW staff member

To find your local JP visit <http://jp.lawlink.nsw.gov.au/public/>.

Note: If your name is different from that on the evidence documents you are submitting, you will also need to provide certified proof of your change of name, eg Marriage Certificate.

Step 5: Complete the **PURPLE** 'Enrolment Adjustment-Recognition of prior learning and previous stuies form for submission with your application.

Once completed, the PURPLE Enrolment Adjustment form must be attached to the top of all documentation ready for submission. It is important to keep copies of all completed forms for your own reference.

Step 6: Secure all documentation and submit (by post or in person)

Electronically submitted versions will not be accepted. Applications must not be faxed or emailed, as the Assessor and the Delegate must sight the original signatures of certification, as well as the applicant's own original signature.

Important notes: Recognition applications will only be processed for currently enrolled students. If not currently enrolled, you need to apply to enrol by completing an OTEN Enrolment Application form that you must include with your recognition application.

Submit your completed application by post or in person to:

If currently enrolled

Recognition Officer

OTEN

51 Wentworth Road

STRATHFIELD NSW 2135

If not currently enrolled (with your completed OTEN Enrolment Application form)

Student Services

OTEN Student Services - Enrolments

Locked Bag 2012

STRATHFIELD NSW 2135