

Knowledge Assessment

Qualification	National Vocational Certificate level 2 to 5, in Agriculture Sector (Soil, water and fertilizer testing lab technician)
Competency Standard	Perform nitrate-N in solid, liquid and mixed fertilizer by kjeldahl method
Purpose of Assessment	
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: _____ Assessor's code: _____ Signature of the Assessor: _____

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

Perform nitrate-N in solid, liquid and mixed fertilizer by kjeldahl method

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	Name the standard solution used for determination of Nitrate-N?		
2.	Enlist Common nitrogen containing fertilizers?		
3.	Plants intake Nitrogen in the form of?		
4.	What is DAP?		
5.	What is compound fertilizer?		

Feedback to the Candidate
Candidate's Signature _____ Assessor's Signature _____

Key

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
6.	Name the standard solution used for determination of Nitrate-N?		
7.	Enlist Common nitrogen containing fertilizers?		
	<ul style="list-style-type: none"> • Urea • Ammonium Nitrate • NPK • DAP 		
8.	Plants intake Nitrogen in the form of?		
	Nitrate		
9.	What is DAP?		
	Di ammonium phosphate		
10.	What is compound fertilizer?		
	Fertilizer containing more than one macronutrient.		