Model Answers

Domain	Forestry > Forest Foundation Skills				
Unit	23000	v4	Demonstrate knowledge of plantation forest establishment operations and perform an establishment task under supervision	Level 2	Credits 10

Entry information

There are no pre-requisite requirements for this unit.

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Assessment instructions

You will need to be able to show you can:

- Demonstrate knowledge of forest establishment.
- Demonstrate knowledge of plantation tree planting.
- Demonstrate knowledge of the use of agrichemicals.
- Demonstrate knowledge of releasing of plantation trees.
- Demonstrate knowledge of fertilising plantation trees.
- Perform an establishment task under supervision.

Important information

- Carefully read through the rest of this Assessment so you know exactly what is expected.
- All evidence you provide for this assessment must be your own work.
- Clearly name and label all attached evidence.

What you need to do

Question Set 1 – Hazards
Question Set 2 – Establishment
Question Set 3 – Agrichemicals
Question Set 4 – Planting
Question Set 5 – Releasing
Question Set 6 – Fertilising
Observation Checklist Be observed performing an establishment task. One of planting, manual releasing, chemicals releasing or fertilising. **You will need to:** • Use and wear appropriate personal protective equipment. • Demonstrate knowledge of safety and emergency procedures. • Establish communication processes. • Prepare for the performance of the establishment task. • Identify hazards and manage risks.

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Worksite Verification
A worksite verifier must confirm your skills, knowledge and/or work.

You can also attach additional evidence which shows you have the required skills and knowledge, e.g. photos, worksite documents, checklists, work samples, videos.

Unit standard information

Explanatory notes

- Agrichemicals must be applied in accordance with NZS 8409:2004 *Management of agrichemicals*, available for purchase online from Standards New Zealand, https://www.shop.standards.govt.nz/.

Definitions

- *Accepted industry practice* – approved codes of practice and standardised procedures accepted by the wider forestry industry as examples of best practice.
- *Job prescription* - refers to any written instructions for the operation and may include maps, harvest plans, or cut plans.
- *Worksite procedures* - refer to documented procedures used by the organisation carrying out the work and applicable to the tasks being carried out. They may include but are not limited to - standard operating procedures, site safety procedures, equipment operating procedures, quality assurance procedures, housekeeping standards, procedures to comply with legislative and local body requirements.

References

- New Zealand Forest Owners Association, *Forest Practice Guides* (2019), and any subsequent amendments, available from http://www.nzfoa.org.nz. (**Note** – these guides support the NES-PF and have replaced the *New Zealand Environmental Code of Practice* for Plantation Forestry referenced in the unit, which is now out-of-date).
- *Approved Code of Practice (ACOP) for Safety and Health in Forestry Operations*, December 2012, available from http://www.worksafe.govt.nz.

Legislation

The following legislation (law) applies to this unit standard:

- Health and Safety at Work (HSW) Act 2015.
- Resource Management Act 1991.
- Resource Management (National Environmental Standards for Plantation Forestry) Amendment Regulations 2018.
- Heritage New Zealand Pouhere Taonga Act 2014, and any subsequent amendments.

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Unit standard evidence map

Unit 23000 v4	Demonstrate knowledge of plantation forest establishment operations and perform an establishment task under supervision	Level 2	Credits 10
Outcomes and Performance Criteria		**Evidence**	**No.**
Outcome 1:	Demonstrate knowledge of forest establishment.		
1.1	Factors affecting tree growth are described in accordance with accepted industry practice.	Question Set 2	1
1.2	Establishment operations are described, and the impact of the establishment operation on downstream operations is explained. Range: establishment operations include – planting, releasing, fertilising; explanation includes – tree quality, increased value, decreased value.	Question Set 2	2, 3
Outcome 2:	Demonstrate knowledge of plantation tree planting.		
2.1	Basic forest planting terminology is defined in accordance with accepted industry practice. Range : tree stock, seedlings, cuttings, containers, socketing, positive pull-up, clone, cultivation, sourcing, screef, bare root, hockey sticks.	Question Set 4	1
2.2	Practices to ensure that stock is in plantable condition are described in accordance with accepted industry practice. Range: correct stacking techniques, correct storage methods, correct transport methods.	Question Set 4	2a-c
2.3	Consequences of incorrect planting techniques for tree growth are described. Range: too shallow, too deep, poor cultivation, incorrect spacing, incorrect root placement.	Question Set 4	3
2.4	Planting hazards are identified, and a method of control for each hazard is explained. Range: hazards include – terrain, weather conditions, slash, bending, spade cuts, falling rocks.	Question Set 1 Observation Checklist Worksite verification	1 Part B: 8, 13 1, 2, 3, 4

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Outcome 3: Demonstrate knowledge of the use of agrichemicals.			
3.1	The purpose of NZS 8409:2004 *Management of agrichemicals* is described.	Question Set 3	1
3.2	The importance of following first aid instructions specific to each agrichemical product is explained.	Question Set 3	2
3.3	Typical first aid procedures for chemical accidents are described, and where information on these procedures can be found, are identified.	Question Set 3	3, 4
3.4	The correct methods of disposal of agrichemicals are described in accordance with the NZS 8409:2004 *Management of agrichemicals* and worksite procedures.	Question Set 3	5
Outcome 4: Demonstrate knowledge of releasing of plantation trees.			
4.1	Manual releasing is described in terms of releasing methods and the situations when they would be used. Range: manual, motor manual.	Question Set 5	1
4.2	Advantages and disadvantages of chemical releasing are described in terms of the effects on the end crop. Range: evidence of three of each is required.	Question Set 5	2
4.3	The types of herbicide, their method of application, their advantages and disadvantages, and the situation in which each would be used are described. Range: liquids, granules.	Question Set 5	3
4.4	Methods of application of agrichemicals are described in accordance with accepted industry practice. Range: spotgun, knapsack, aerial, brushgun, wick wire, granule applicator; evidence of four methods is required.	Question Set 5	4
4.5	The reason for the use of dyes as an additive to chemicals is explained in accordance with accepted industry practice.	Question Set 5	5
4.6	Three consequences of using incorrect technique during chemical releasing are described.	Question Set 5	6

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4.7	Chemical releasing hazards are identified, and a method of control for each hazard is explained in accordance with worksite procedures. Range: hazards include – terrain, weather conditions, slash, working too close, chemical accidents, bending, spray drift, poisoning (inhalation, ingestion), mixing of chemicals, transport of chemicals, fatigue, dehydration.	Question Set 1 Observation Checklist Worksite verification	1 Part B: 8, 13 1, 2, 3, 4
Outcome 5:	Demonstrate knowledge of fertilising plantation trees.		
5.1	The advantages and disadvantages of fertilising are described.	Question Set 6	1
5.2	Fertiliser application methods are described in accordance with accepted industry practice and worksite procedures.	Question Set 6	2
5.3	The best position for the application of fertiliser in relation to the tree is identified and explained in accordance with accepted industry practice and worksite procedures. Range: flat terrain, slopes, near waterways.	Question Set 6	2
5.4	Fertilising hazards are identified, and a method of control for each hazard is explained in accordance with worksite procedures. Range: hazards include – terrain, weather conditions, slash, working too close, chemicals, poisoning, heavy loads, bending, fatigue, dehydration.	Question Set 1 Observation Checklist Worksite verification	1 Part B: 8, 13 1, 2, 3, 4
Outcome 6:	Perform an establishment task under supervision. Range: one of – planting, chemical releasing, fertilising.		
		Worksite verification	1, 2, 3, 4
6.1	Personal protective equipment for the task is selected, checked for condition, and used, in accordance with worksite procedures.	Observation Checklist	Part B: 1, 2, 3, 13
6.2	Equipment for establishment task is selected and checked, and safety procedures are confirmed with the supervisor in accordance with worksite procedures. Range: safety procedures include – knowledge of emergency procedures, identification of escape routes.	Observation Checklist	Part B: 4, 5, 6, 13

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6.3	Communication, as specified by the supervisor, is established in accordance with worksite procedures.	Observation Checklist	Part B: 7, 13
6.4	Ergonomically correct methods are used for transporting equipment and performing the establishment task. Range: ergonomic methods may include but are not limited to – distributing weight evenly, shoulder straps used effectively, avoiding overreaching, steady footing, steady pace.	Observation Checklist	Part B: 11, 13
6.5	Hazards associated with the establishment task are identified, reported to the supervisor, and controlled, in accordance with worksite procedures.	Observation Checklist	Part B: 8, 9, 13
6.6	The establishment task is completed under supervision and in accordance with worksite procedures and job prescription.	Observation Checklist	Part B: 10, 12, 13

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Question Set 1 – Hazards

These questions are about planting, releasing, fertilising hazards and control their associated risks.
Use your own words. Your assessor may ask you more questions to check your understanding.

1. For each hazard: ☑
   - Give **one** thing that could go wrong.
   - Explain how you would prevent it.

Assessor

This question supports PC 2.4, 4.7, 5.4.

Judgement statements

☐ The candidate correctly provides an associated risk for each hazard.

☐ The candidate correctly explains how they would control each risk.

☐ Answers are in accordance with worksite procedures.

Example answers

Terrain
What could go wrong Falls / slipping. How I would control the risk Change direction of work to minimise risk of slipping.
Weather conditions
What could go wrong Hypothermia. How I would control the risk Wear appropriate clothing.
Slash and logs
What could go wrong Falling / slipping. How I would control the risk Avoid walking on slash and logs. Wear appropriate footwear.

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Bending over repeatedly
What could go wrong Back injury. How I would control the risk Warm up and use good techniques.
Fatigue
What could go wrong Increases change of accidents. How I would control the risk Take short frequent breaks, get enough sleep.
Dehydration
What could go wrong Dizziness. How I would control the risk Drink water throughout the day.
Working too close
What could go wrong Being hit by other worker's tools. How I would control the risk Work at least 3m away from other workers.
Planting spade
What could go wrong Cut feet. How I would control the risk Wear proper safety boots.
Falling rocks
What could go wrong Head injury. How I would control the risk Do not work directly below other workers.

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Carrying heavy loads
What could go wrong Strained back. How I would control the risk Use proper lifting techniques.
Chemical accidents
What could go wrong Burns to skin. How I would control the risk Wear PPE e.g. gloves, leggings, and long sleeves.
Spray drifts
What could go wrong Inhalation. How I would control the risk Work in a position away from spray drift.
Mixing of chemicals
What could go wrong Poisoning / skin irritation. How I would control the risk Wear PPE and mix in a ventilated area. Note: Both are important and are basic mixing requirements. Mixing is only done by approved personnel who will wear a respirator as well as gloves etc.
Transport of chemicals
What could go wrong Chemical spill. How I would control the risk Transport in approved container.

Assessor – record key points from candidate's verbal answers as accurately and fully as possible.		
These answers were written by:	☐ Candidate	☐ Assessor

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Question Set 2 – Establishment

These questions are about forest establishment.

Use your own words. Your assessor may ask you more questions to check your understanding.

1. Describe how each factor can affect tree growth. ☑

Assessor

This question supports PC 1.1.

Judgement statements

- ☐ The candidate correctly describes how each factor can affect tree growth.
- ☐ Answers are in accordance with accepted industry practice.

Example answers

Factor affecting tree growth	Effect on tree growth
Good seedling condition / health	• Seedlings in good condition will result in better tree survival and growth.
Competition from weeds	• Weeds compete for water and nutrients in the soil, this can lead to slower tree growth.
Good land preparation	• Cultivating the soil will lead to improved tree growth and root establishment. • This is critical in preventing future tree toppling.
Poor soil condition	• The type of soil may impact on the trees ability to establish roots and may also affect growth rate.

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2. Briefly describe what is involved in each operation. ☑

Assessor

This question supports PC 1.2.

Judgement statement

☐ The candidate correctly describes each forest establishment operation.

Example answers

Operation	Description
Planting	• Trees are planted according to a prescription, to establish a forest for commercial use.
Releasing	• Manual or chemical removal of competing weeds after a tree is planted.
Fertilising	• Application of fertiliser to boost tree growth or improve soil nutrient levels.

3. Briefly explain what effect each of the following can have on future (downstream) tree crop quality and value. ☑

Assessor

This question supports PC 1.2.

Judgement statement

☐ The candidate correctly explains the affect in establishment operations as it affects each of the following.

Example answer

	Affect
Tree quality	Establishment quality will affect stem growth (volume) and stem quality.
Increased value	Stand/tree value is increased when establishment operations follow the prescription and quality of work is maintained.
Decreased value	Poor establishment will produce poor quality trees and reduce the value of the stand.

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Assessor – record key points from candidate's verbal answers as accurately and fully as possible.		
These answers were written by:	☐ Candidate	☐ Assessor

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Question Set 3 – Agrichemicals

These questions are about the use of agrichemicals.

Use your own words. Your assessor may ask you more questions to check your understanding.

1. Briefly describe the main purpose of NZS 8409:2004 Management of Agrichemicals. ☑

Assessor

This question supports PC 3.1.

Judgement statement

☐ The candidate correctly describes the main purpose of NZS 8409:2004 Management of agrichemicals.

Example answer

Sets out the requirements for the safe, responsible, and effective management of agrichemicals by users and suppliers.

2. Explain why it is important to follow the first aid instructions for different agrichemicals used. ☑

Assessor

This question supports PC 3.2.

Judgement statement

☐ The candidate correctly explains the importance of following first aid instructions for different agrichemicals used.

Example answer

Different chemicals affect you in different ways therefore the type of first aid is important to ensure the desired result is achieved.

3. Describe **two** typical first aid procedures for chemical accident ☑

Assessor

This question supports PC 3.3.

Judgement statement

☐ The candidate correctly describes **two** typical first aid procedures for chemical accidents.

Example answers

Exposure to skin – read label, wash thoroughly with water.

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Digestion (swallowing) – read label, drink water (or milk). For some chemicals induce vomiting.

Eye contact – usually flush out with water, read label.

4. Name the **two** most common locations where information on first aid procedures can be found for agrichemical emergencies / accidents. ☑

Assessor

This question supports PC 3.3.

Judgement statement

☐ The candidate correctly identifies the **two** most common locations where information on first aid procedures can be found for agrichemical emergencies / accidents.

Example answers

On the container the chemical came in.

On the chemical materials handling sheet.

5. For each chemical type, describe the correct method of disposal for left over agrichemicals. ☑

Assessor

This question supports PC 3.4.

Judgement statements

☐ The candidate correctly describes the correct method of disposal for left over agrichemicals for each chemical type.

☐ Answers are in accordance with the NZS 8409:2004 Management of agrichemicals.

☐ Answers are in accordance with worksite procedures.

Example answers

Chemical type	Disposal method
Diluted mixture	• Spray on area being treated – but do not spray additional chemical on trees being released.
Concentrated / unmixed	• Store for use at a later time, or • Check for other alternative uses, or • Return to the manufacturer / forest owner.

Assessor – record key points from candidate's verbal answers as accurately and fully as possible.		
These answers were written by:	☐ Candidate	☐ Assessor

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Question Set 4 – Planting

These questions are about plantation tree planting.

Use your own words. Your assessor may ask you more questions to check your understanding.

1. Provide a definition for each planting term. ☑

Assessor

This question supports PC 2.1.

Judgement statements

☐ The candidate correctly provides a definition for each term.

☐ Answers are in accordance with accepted industry practice.

Example answers

Term	Definition
Tree stock	• Seedlings grown in a nursery to allow them to grow to a stage where they are ready for planting.
Cuttings	• Planted stock grown from a piece of plant cut from tree or stool bed, not seeds.
Socketing	• Movement of the seedling after plating creating a gap around the stem.
Clone trees	• A seedling that has the same genetic make-up as its parent.
Screefing	• Using hand tools to clear weeds and light slash from a planting spot before planting a tree.
Seedlings	• Planting stock grown from seed.
Container grown stock	• Planting stock grown in containers.
Positive pull-up	• Upward pull applies to the planted tree to ensure roots are pointing downwards.
Cultivation	• Breaking up and loosening of soil to improve root development and tree growth.
Bare root trees	• Planting stock grown in nursery beds, not in containers.

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Hockey stick	• A bend in the tree stem as a result of poor planting technique.
Sourcing	• Getting seedlings from a reliable supplier.

2. Answer questions 2a – 2c about the importance of keeping planting stock in good condition. ☑

Assessor

This question supports PC 2.2.

Judgement statements

☐ The candidate's answers support their understanding of the importance of keeping planting stock in good condition.

☐ Answers are in accordance with accepted industry practice.

Example answers

a. Why is correct stacking important?

So seedlings will not be squashed.

b. Why is correct storage important?

To avoid moisture loss.

c. Why is it important to use the correct transport method?

To avoid too much damage or soil loss.

3. Describe how each incorrect planting technique can affect tree growth. ☑

Assessor

This question supports PC 2.3.

Judgement statement

☐ The candidate correctly describes how each incorrect planting technique can affect tree growth.

Example answers

Incorrect planting technique	Effect on tree growth
Trees too shallow	• Trees may topple (fall over).

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Trees too deep.	• Slow initial growth.
Poor soil cultivation	• Poor early growth, possible tree death.
Incorrect tree spacing	• Spacing too close – trees will compete with each other and this may slow growth. • Spacing too wide – may lead to larger branch growth.
Incorrect root placement	• Poor root development resulting in unstable tree.

Assessor – record key points from candidate's verbal answers as accurately and fully as possible.		
These answers were written by:	☐ Candidate	☐ Assessor

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Question Set 5 – Releasing

These questions are about releasing of plantation trees.

Use your own words. Your assessor may ask you more questions to check your understanding.

1. Describe each releasing method and a situation when it would be used. ☑

Assessor

This question supports PC 4.1.

Judgement statement

☐ The candidate correctly describes the **two** releasing methods and when they would be used.

Example answers

Manual
Description Done by cutting away competing vegetation using hand tools. When it would be used Small areas.
Motor manual
Description Done using motorised hand tools such as brush cutters or chainsaws. When it would be used Heavy scrub and undergrowth. Older established weeds.

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2. Describe **three** advantages and **three** disadvantages of chemical releasing in a forestry operation in terms of the final crop. ☑

Assessor

This question supports PC 4.2.

Judgement statement

☐ The candidate correctly describes **three** advantages and **three** disadvantages of chemical releasing in a forestry operation in terms of the final crop.

Example answers

Advantages
May include: • Effective reduction of competition for sun, nutrients, and water. • Higher tree survival rates. • Healthy trees. • Fast tree establishment. • More even stand growth.
Disadvantages
May include: • Possible tree damage if chemicals are not correctly applied. • Soil contamination. • Poorer quality trees. • Uneven stand growth.

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3. For each herbicide type describe: ☑

- **One** method of application.
- **Two** situations when each would be used.
- **Two** advantages.
- **Two** disadvantages.

Assessor

This question supports PC 4.3.

Judgement statements

☐ The candidate correctly identifies **one** method for application of each herbicide and **two** situations when each would be used.

☐ The candidate correctly describes **two** advantages and **two** disadvantages of the two types of herbicides.

☐ Answers are in accordance with accepted industry practice.

Example answers

Liquid
Method of application Spot gun, knapsack, aerial, brush guns. When it would be used Spot releasing or row spraying. Large areas. Roadsides, firebreaks, forest boundaries. Advantages Quicker absorption. Use to spot treat. Disadvantages Spray drift. Cannot be used on windy days.
Granules
Method of application Weed-a-metre. When it would be used Windy conditions. Spot application. Granules are often used in remote or steep areas where water supply is too difficult for liquid application.

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Advantages

More cost effective.

Slow release.

Does not require mixing.

More control over dose.

Disadvantages

Slow absorption.

Not effective in dry conditions.

4. Describe **four** of the following methods of applying agrichemicals. ☑

Assessor

This question supports PC 4.4.

Judgement statements

- ☐ The candidate correctly describes **four** methods of applying agrichemicals.
- ☐ Answers are in accordance with accepted industry practice.

Example answers

Application method	Description
Spotgun	Hold spray nozzle over tree and squeeze the trigger.
Knapsack	Hold spray nozzle over tree, pump to pressurise the tank and squeeze trigger.
Aerial	Fly over area to be sprayed applying spray in controlled swaths.
Brush gun	Thoroughly wet the vegetation.
Granule applicator	Disperse granules over the vegetation.
Wick wire	Wipes the weed with the applicator wick.

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5. Give **two** reasons why you would add dye to chemicals. ☑

Assessor

This question supports PC 4.5.

Judgement statements

☐ The candidate correctly explains **two** reasons why dye would be added to chemicals.

☐ Answer is in accordance with accepted industry practice.

Example answers

May include:

Dyes are added so the size of the spot can be checked.

To ensure all trees are treated.

To check that the tree is in the centre of the spot.

6. Describe the effect each incorrect technique would have when chemical releasing. ☑

Assessor

This question supports PC 4.6.

Judgement statement

☐ The candidate correctly describes the effect each incorrect technique would have when chemical releasing.

Example answers

Incorrect technique	Description
Not allowing for wind	Spray blown away from target.
Holding nozzle too close	Concentrated spray that may harm the tree.
Holding nozzle too high	Wider spray area that is less concentrated and may be ineffective.

Assessor – record key points from candidate's verbal answers as accurately and fully as possible.		
These answers were written by:	☐ Candidate	☐ Assessor

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Question Set 6 – Fertilising

These questions are about fertilising plantation trees.

Use your own words. Your assessor may ask you more questions to check your understanding.

1. Describe **two** advantages and **two** disadvantages of fertilising. ☑

Assessor

This question supports PC 5.1.

Judgement statement

☐ The candidate correctly describes **two** advantages and **two** disadvantages of fertilising.

Example answer

Advantages	Disadvantages
May include: • Boosts the growth of the tree. • Survival rate of tree is better. • Corrects soil nutrient deficiencies.	May include: • Possible environmental harm. • Is a costly operation. • Tree damage.

2. For each situation: ☑

   - Describe the fertiliser application method.
   - Identify the best place to apply the fertiliser in relation to the tree.
   - Explain why it is the best place.

Assessor

This question supports PC 5.2 and 5.3.

Judgement statements

☐ The candidate correctly describes how the fertiliser is applied for each situation.

☐ The candidate correctly identifies the best place to apply fertilizer in relation to the tree for each situation and explains why this is done.

☐ Answers are in accordance with accepted industry practice and worksite procedures.

Example answers

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Flat terrain
Fertiliser application method Cut a slot with a planting spade 15-20 cm deep. Place a measured amount of fertiliser in the slot. The best place to apply fertiliser At least 30 cm from the tree. Why this is the best place to apply fertiliser The fertilizer may damage or kill tree if too close to the roots.
Slopes
Fertiliser application method Cut a slot with a planting spade 15-20 cm deep. Place a measured amount of fertiliser in the slot. The best place to apply fertiliser Upslope from the tree (30 cm). Why this is the best place to apply fertiliser Fertiliser will make its way through the soil to the tree roots.
Near waterways
Fertiliser application method We do not apply fertiliser near waterways. The best place to apply fertiliser Do not apply. Why this is the best place to apply fertiliser Do not want fertiliser entering waterway.

Assessor – record key points from candidate's verbal answers as accurately and fully as possible.		
These answers were written by:	☐ Candidate	☐ Assessor

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Observation Checklist

You must be observed performing an establishment task. One of planting, manual releasing, chemical releasing, or fertilising.

You will need to:

- Complete Part A of the checklist. Your assessor will complete Part B.
- Select, check, and use the correct PPE and equipment for the task.
- Confirm safety procedures with the supervisor.
- Use correct communication as specified by the supervisor.
- Use ergonomically correct methods for transporting equipment and performing the task.
- Identify hazards and control associated risks.
- Complete establishment task under supervision.
- Attach any other evidence that shows your ability to perform an establishment task such as photos or worksite documents you prepared or completed.

You may be asked additional questions to check your knowledge and may need to demonstrate skills and/or carry out tasks more than once.

Note to the assessor

- Only tick off each task when satisfied the candidate can do it safely and consistently.
- All tasks must be carried out following accepted industry practice and worksite procedures.
- Where prompted, please record details of what you observed, e.g. comments about the candidate's performance, what the candidate did or said, and specific questions and responses.
- Attach any other evidence that shows what you observed and/or that supports your decision for the candidate's competency in the tasks, e.g. photos or worksite documents.
- Check the candidate has completed Part A and has attached any required evidence.

Assessor

This Observation Checklist supports PC 2.4, 4.7, 5.4 and Outcome 6.

Judgement statement

☐ The completed Observation Checklist and attached evidence support the candidate's ability to perform an establishment task under supervision.

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Part A: Candidate to complete	
Your name	Name recorded.
Worksite / company	Worksite / company recorded.
Establishment task (tick which applies)	☐ Planting ☐ Chemical releasing ☐ Fertilising **Assessor** – **One** box must be ticked.

Part B: Assessor to complete For each statement below, tick if you agree. **When performing an establishment task under supervision, the candidate:**	☑
1. Selects the correct PPE for the task. Record PPE selected. **Assessor** – Recorded information supports the candidate's ability to select the correct PPE for the task.	☑
2. Checks selected PPE.	☑
3. Uses selected PPE correctly.	☑
4. Confirms safety procedures with the supervisor. Must include: ☑ Knowledge of emergency procedures. ☑ Identification of escape routes. **Assessor – Each** box must be ticked.	☑
5. Selects correct equipment for the task. Record equipment selected. **Assessor** – Recorded information supports the candidate's ability to select the correct equipment for the task.	☑
6. Checks selected equipment.	☑

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7. Establishes communication processes, as specified by supervisor. ☑

Record communication processes specified.

Assessor – Recorded information supports the candidate's ability to establish communication.

8. Identifies **five** hazards associated with the establishment task and effectively controls associated risks. May include: ☑

- ☐ Terrain.
- ☐ Slash and logs.
- ☐ Fatigue.
- ☐ Working too close.
- ☐ Falling rocks.
- ☐ Spray drifts.
- ☐ Transport of chemicals.
- ☐ Carrying heavy loads.
- ☐ Weather conditions.
- ☐ Bending over repeatedly.
- ☐ Dehydration.
- ☐ Planting spade.
- ☐ Chemical accidents.
- ☐ Mixing of chemicals.
- ☐ Chemicals.
- ☐ Other (please write):

Record how the candidate effectively controls the associated risks.

Assessor – Recorded information supports the candidate's ability to assess and control risks relevant to the current operation. It is not expected that all boxes are ticked.

9. Reports hazards identified to their supervisor. ☑

10. Performs the establishment task under supervision. ☑

11. Uses ergonomically correct methods for transporting equipment and performing the establishment task. May include: ☑

- ☐ Distributing weight evenly.
- ☐ Shoulder straps used effectively.
- ☐ Avoiding overreaching.
- ☐ Steady footing.
- ☐ Steady pace.
- ☐ Other (please write):

Assessor – Recorded information supports the candidate's ability to use ergonomically correct methods for transporting equipment and performing the establishment task.

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12. Completes the establishment task under supervision.	☑
Throughout the observation, the candidate:	☑
13. Completes all the above tasks in accordance with: ☑ Worksite procedures. ☑ Machine and equipment manufacturer's requirements. ☑ Accepted industry practice.	☑

Please provide specific comments on the candidate's ability to perform an establishment task under supervision.
Any comments support the candidate's competency.

I confirm that: • I have observed the candidate carry out all the above tasks to the standard required. • The candidate has demonstrated competency in performing an establishment task under supervision.	☑ Yes ☐ No

Assessor name	Assessor identified	**Signature**	Signed by assessor	**Date**	Date recorded

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Worksite Verification

Assessor

This Worksite Verification supports PC 2.4, 4.7, 5.4 and Outcome 6.

Judgement statements

☐ The form has been completed by someone who meets the criteria below.

☐ The completed form provides evidence of the candidate's ability to perform the required tasks / skills to worksite or operational standards.

Note to the worksite verifier

- The assessor **takes this form into account** when making their decision about the candidate's competency. It helps provide further evidence of the candidate's skills and knowledge beyond what the assessor can directly observe or where worksite requirements may vary.
- This form must be completed by someone who:
  - Has been approved by the assessor.
  - Has expertise in the assessed tasks (see Observation Checklist for details).
  - Regularly supervises or manages the candidate in their worksite or operation.
- In-house and/or provider assessors are not required to complete this form but may ask another suitable verifier to complete it if further evidence of competency is required.

Worksite verifier to complete

I confirm that _____:	☑
1. Has performed an establishment task, including.	☑
☑ Demonstrating knowledge of plantation tree planting.	
☑ Demonstrating knowledge of releasing of plantation trees.	
☑ Demonstrating knowledge of fertilising plantation trees.	
☑ Performing an establishment task under supervision.	
2. Can consistently and safely do the above to the standard of this operation.	☑
3. Met worksite and operational requirements.	☑
4. Completed any attached documentation to worksite / operational requirements.	☑

Please comment on the candidate's ability to perform an establishment task under supervision.

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Verifier name and title		**Signature**	
Phone / email		**Date**	

This material has been moderated in the current format. Any changes must be resubmitted for moderation.