

# Pearson BTEC Sample Set Assignment Brief

## Single Part Assignment Brief

### Unit 6 – Land-based Business Improvements

For use with:

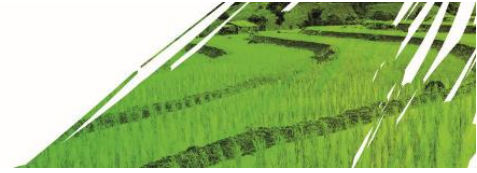
## Pearson International BTEC Level qualifications in Land-based Studies/Agriculture/Horticulture

**Certificate / Subsidiary Diploma / Foundation Diploma / Diploma / Extended Diploma**

<b>Advised hours</b>	3 hours
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#### For completion by the centre

<b>Qualification (select as appropriate)</b>	Certificate / Subsidiary Diploma / Foundation Diploma / Diploma / Extended Diploma
<b>Assessment date</b>	



## Instructions to Teachers/Tutors and/or Invigilators

The Pearson Set Assignment will be assessed internally by the centre using the unit assessment criteria detailed in the qualification specification. The Set Assignment will be sampled by the Standards Verifier as part of the standards verification annual centre visit.

### Conditions of supervision

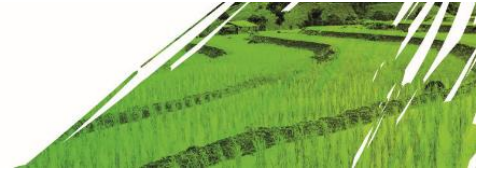
The Pearson Set Assignment should be undertaken in conditions that assure the authenticity of outcome. This may require supervision.

We advise that the Pearson Set Assignment be completed in sessions that come to a total of 3 hours. The Pearson Set Assignment should not be shared with learners prior to the start of the assessment period. Teachers/tutors are responsible for security of the Pearson Set Assignment and materials.

### Outcomes for Submission

Learners may submit handwritten or word-processed evidence.

Learners must submit their own, independent work as detailed in the set assignment. Each learner must complete an authentication sheet.



## Instructions to Learners

Read the Set Assignment Information carefully.

You will be asked to carry out specific activities using the information provided. You will be given a specific time period to complete the assignment.

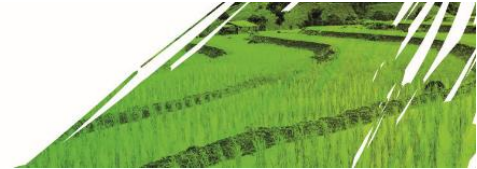
At all times you must work independently and must not share your work with other learners. You must complete an authentication sheet and submit this along with your work.

## Set Assignment Information

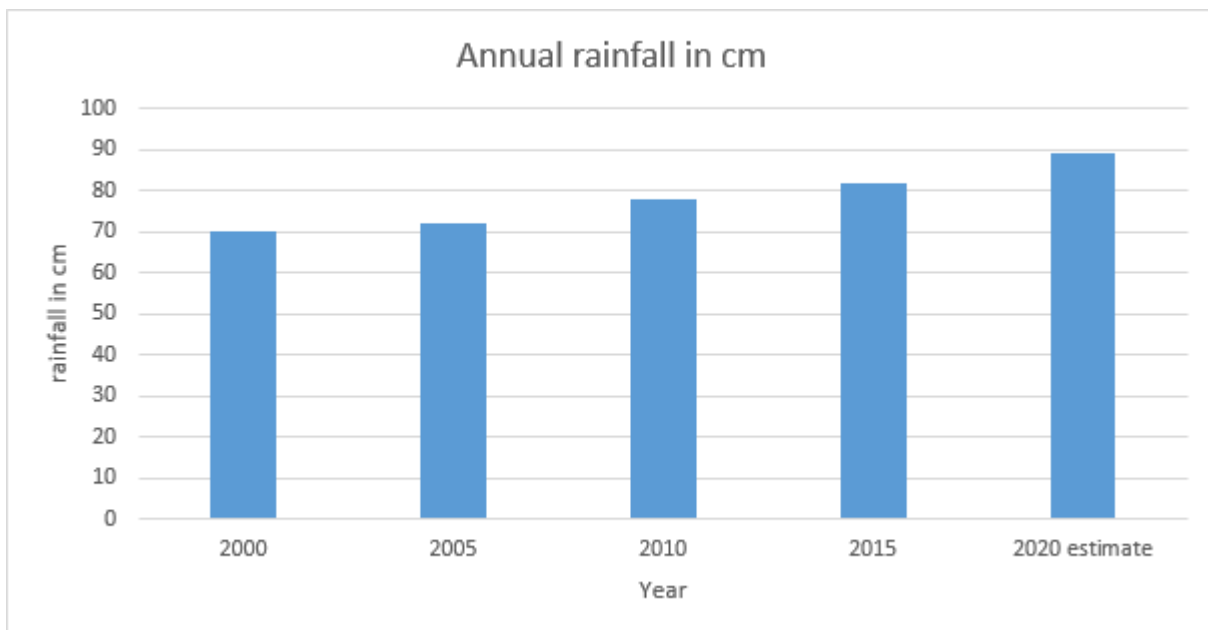
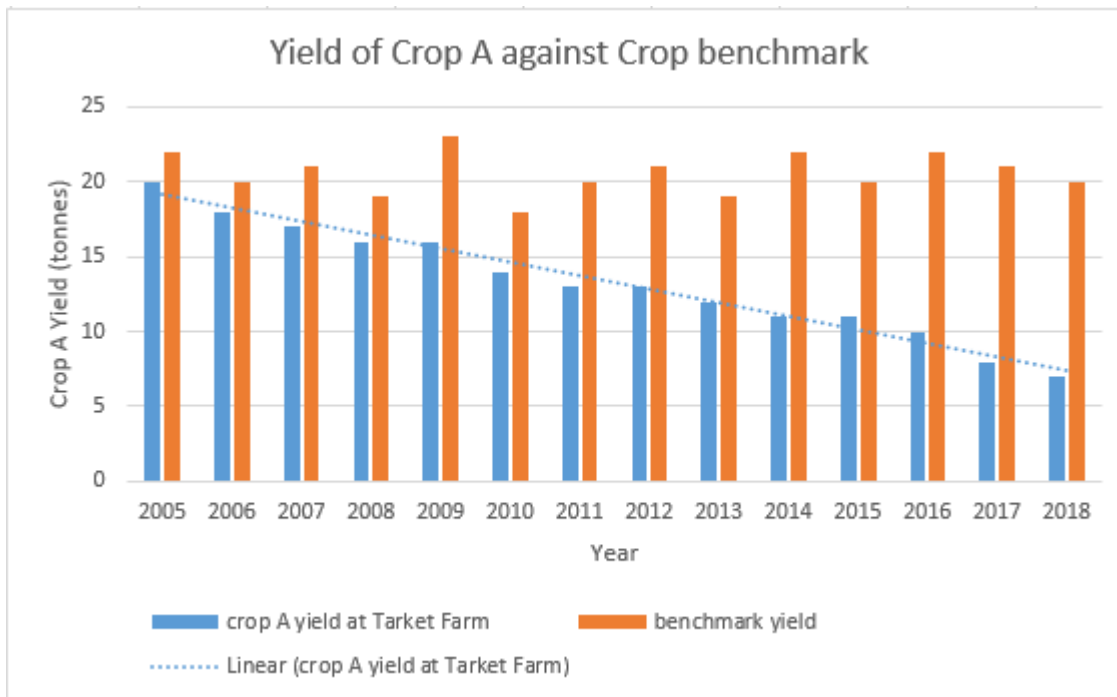
Tarket Farm is a medium sized mixed farm in your region that has been established for many years producing a range of crops and livestock. Over the past few years the crop yields have decreased as has the demand for the products.

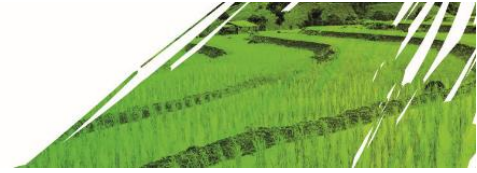
Tarket Farm is not meeting performance targets and benchmarks for its produce. The owner is interested in a new quality assurance scheme that is being introduced as it will raise the demand for the produce.

Use the Stimulus Material provided to complete the Activities.

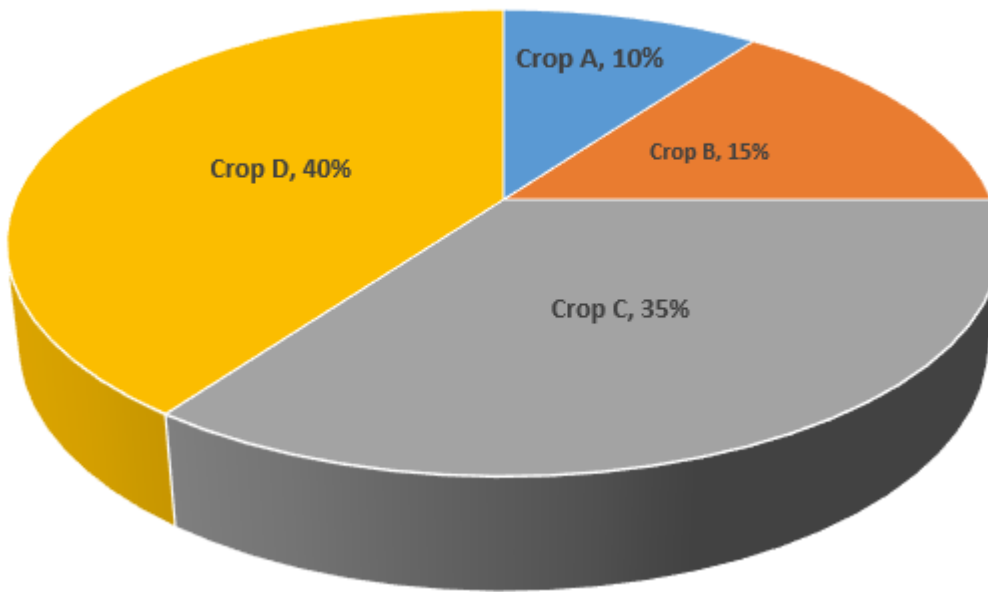


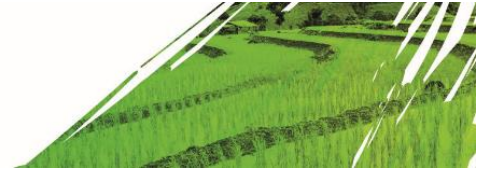
## Stimulus material





Demand for crops





A table to show the water requirements of different crops considered for Tarket Farm

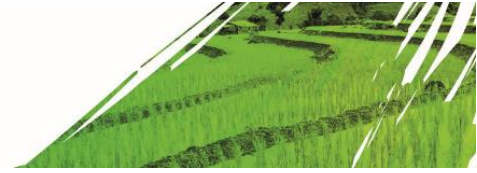
Crop species	Water requirement (during the growing period)
Crop A	45cm
Crop B	90cm
Crop C	35cm
Crop D	65cm

A table to show the hardiness of different crops considered for Tarket Farm

Crop species	Hardiness
Crop A	***
Crop B	*
Crop C	**
Crop D	***

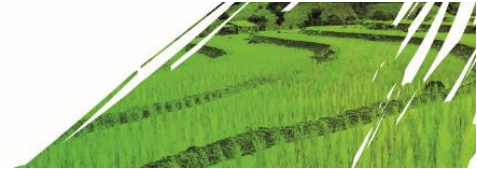
**Key**

- \*\*\*\*\* Extremely hardy
- \*\*\*\* Very hardy
- \*\*\* Hardy
- \*\* Moderately hardy
- \* Not hardy



## **Unemployment reaches record high**

Residents in a local community have raised concerns about a sharp rise in unemployment in the local area. A number of farms around the region have sold their land for development, a number of local farm workers have been able to gain farm labourer employment further away. We interviewed one family who stated that the time taken to travel to and from work combined with the long working day was almost making it impossible. Whilst a large number of the farm workers are still without work and seeking employment.



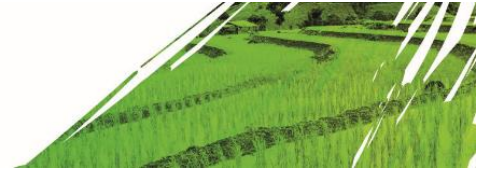
## New quality assurance policy

Standard	Measuring method	Documents
All handling, loading, transport, packaging, grading and storage facilities must be routinely maintained and cleaned to prevent contamination.	All crops should have cleaning schedules in place. Equipment including grading and washing equipment should have cleaning policies. Loading and unloading equipment and transport should be well maintained and undergo daily inspection.	Cleaning schedules  Cleaning records for equipment  Cleaning policies  Training records
All tools, equipment, boxes, crates, and transport must be routinely maintained and cleaned to prevent contamination.	Cleaning must take place away from irrigation sources and crops. Cleaning schedules in place. Maintenance schedules in place. Damaged containers repaired/replaced.	Cleaning records  Cleaning schedules  Maintenance schedules  Cleaning schedules
Growers must follow good hygiene practice. An assessment of risks regarding food safety must take place.	All risks identified including <ul style="list-style-type: none"> <li>- whilst growing</li> <li>- crop production</li> <li>- crop location</li> <li>- any use of chemicals</li> <li>- crop transportation</li> </ul>	Assessment of risks  Documents
Correct packaging and labelling of products.	Must be packaged in biodegradable packaging that states; date packaged and name of producer	Packaging documents  Packaging records

In order to achieve quality assurance status allowing producers to label products with quality assurance logo all of the above policy must be met.

The local council are offering farms set up funding grants for farms to achieve the new quality assurance standards and recognition.





## Set Assignment

You must complete ALL activities

### ACTIVITY 1

The owner has asked you to carry out a business assessment of Tarket Farm looking at the current business environment, the internal and external pressures and changes within the market. An evaluation of the current performance of the farm business outlining the strengths for diversification and the weaknesses.

Write a report that explores the land-based business environment and its opportunities including:

- the marketplace, highlighting factors for either concern or development
- the external influences on the land-based business environment e.g. consumer trends and national or international factors.

This activity covers learning aims A and B

A. A.P1, A.M1, AB.D1

B. B.P3, B.P4, B.M2, B.M3, C.D2

### ACTIVITY 2

The owner of Tarket Farm has asked you to produce a plan to implement two improvements at the farm from Activity 1.

Write a plan that outlines two improvements at Tarket farm giving reasons for these including:

- the strategy for implementation
- performance indicators that could be selected to measure success
- foreseen risks and contingency plans
- financial considerations.

This activity covers learning aim C.

C P5, C.P6, C.M4, C.D3