**Random Sampling Investigation**

**What is the population of plantains in the school field?**

Task:

* Your group has been given the task of estimating the number of plantain plants that are on the school field.
* You have the following equipment:

 Quadrat 0.5m x 0.5m

 Tape measure

 Identification key

 Random number tables

* Decide how you will do this task and ensure that you plan to obtain representative results.
* You have 30 minutes to collect your data.

Complete the following questions below:

1. Write a method explaining how you obtained your results.

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1. Write out a table of results.
2. How many plantains are there in the field? Include any calculations you used to work this out.

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1. How did you ensure that your results were not biased?

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1. What did you do if a plantain was only partly in the quadrat?

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1. How did you ensure that your results were representative?

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