



MONITORING PROTOCOL: What dung beetle is that?

DB-G1

WHAT TO DO:

Step 1 Find a dung pat that is 1 - 2 days old

Step 2 Photograph and report different beetles you see

Step 3 Wait for our experts to identify the beetles and reply back

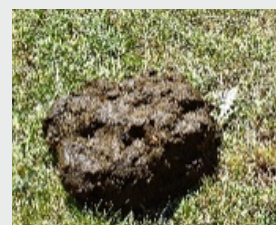
1



✗ Not too fresh



✗ Not too old



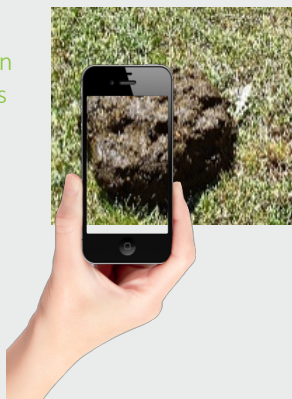
✓ Just right!

2

Open the MyPestGuide™ Reporter app on your mobile device, following the instructions on the next page...and start taking photographs.

Take a photo of the dung pat intact

Creep up on the beetles quietly.

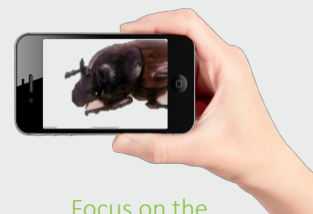


Our experts can count the dung beetles in the photo.

Skim dung and topsoil with shovel or boot, then spread out to show how many beetles there are



Take a close-up shot of each different type of beetle you see



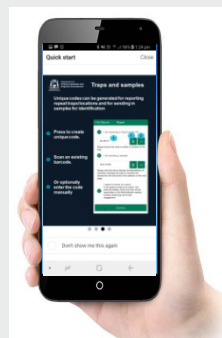
Focus on the head and shoulders

3

Send in the MyPestGuide™ Report using your mobile device

This will automatically notify dung beetle experts in your state, letting them know that you have made a report.

Experts will identify the beetles in your photographs, and reply back to you, so you can find out what beetles you have on your farm.




Every report you make contributes to a national database of dung beetle distributions on different soil types and climate zones.

How to submit a report using the MyPestGuide™ Reporter app



Open the App. Select the + symbol, then:

- Check **GPS** location is turned on (automatic).
- Select** 'Dung beetle survey' from the drop-down list.
- Press the top left camera icon. Select '**Take Photo**', and then take photos as described on p.1.
You can also '**Attach Photo**' if you have already used your phone camera to take the pictures earlier.
If you need more than 4 photos...make 2 reports!
- In box labelled 'Where', **write** farm or location name
- In box labelled 'I found', **write** "Beetles in 1-2 day old dung"
- Skip** 'I am reporting a Trap/Location ID'
- Photos will normally be sufficient (and you can skip g – i), but if you have found something unusual and want to send a sample, **select** 'I am sending a sample'
- When it appears, **press** the  icon
- A **sample code number** will automatically appear in the box. If you **write** this number on the sample you send, we will be able to tell where the sample came from.
- Select** 'I agree to share my report'.
- Press 'Continue'. Check your 'State', 'Email' and 'Mobile' details are correct then **press** 'Send'.

Report

Press camera icon to start.

a GPS location: -31.991544, 115.899382, 3.0m

b Send report to: Dung beetle survey

c Camera icons (4)

d Where: Jim's Farm

e I found: Beetles in 1-2 day old dung

f ☐ I am reporting a Trap/Location ID

g ☒ I am sending a sample

h Sample ID: 301018CGE

i Please write the above Sample ID (date/letters) on container, package securely to minimise the biosecurity risk and send to the address on the next page.

j ☒ I agree to share my report
If you agree to share your report, non-personal details, photo and map will be searchable on the MyPestGuide website thereby enhancing community engagement.

k Continue

Find something unusual and want to send a sample?

- Put the dung beetle in a small plastic jar
- Write the automatically generated **sample code number** on the jar
- Put the jar in the freezer for 48hrs
- Air Mail it to the address at the right



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