Earthworm recording sheet

Field name: _____ Date: _____

	Pit									
	1	2	3	4	5	6	7	8	9	10
Total number of earthworms (adults and juveniles)										
Number of adult epigeic earthworms										
Number of adult endogeic earthworms										
Number of adult anecic earthworms										

Presence of earthworms

1. In how many pits did you find earthworms (of any type)?

0–3	4–6	7–10
Poor presence of earthworms across the field	Patchy presence of earthworms across the field	Good presence of earthworms across the field

Numbers of earthworms

2. How many pits contained 16 or more earthworms (of any type)?

0–3	4–6	7–10
Unlikely to find high numbers of earthworms in the field	Possible to find high numbers of earthworms in the field	Likely to find high numbers of earthworms in the field

Presence of ecological groups

3. How many pits contained epigeic earthworms?

0–3	4–6	7–10
Unlikely to find epigeic earthworms in this field	Possible to find epigeic earthworms in this field	Likely to find epigeic earthworms in this field

4. How many pits contained endogeic earthworms?

0–3	4–6	7–10
Unlikely to find endogeic earthworms in this field	Possible to find endogeic earthworms in this field	Likely to find endogeic earthworms in this field

5. How many pits contained anecic earthworms?

0–3	4–6	7–10
Unlikely to find anecic earthworms in this field	Possible to find anecic earthworms in this field	Likely to find anecic earthworms in this field

What does this mean?

You should aim for green or amber signals

- Red signals suggest suboptimal earthworm populations, which can indicate problems with the soil's physical or chemical properties
- Poor or patchy presence of earthworms suggests you could make improvements in the parts of the field where earthworms are not currently present
- The most significant benefits to plant productivity are more likely in fields where you find high numbers of earthworms
- If you are unlikely to find epigeic, endogeic or anecic earthworms, you are unlikely to be benefiting from their specific actions

For further information on improving earthworm numbers, visit **ahdb.org.uk/greatsoils**

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