1. ABOUT THE DATASET

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Title: Dataset supporting: ‘AgroEcoList 1.0: A checklist to improve reporting standards in ecological research in agriculture’

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Rights-holder(s): University of Reading, Georgia Daykin, University of Cambridge

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Description: These data include responses to an online surveys that were made to develop a reporting checklist (AgroEcoList 1.0) for ecological research in agriculture. The survey was to assess the agroecological community’s perception of reporting standards in agroecology and the checklist, and it had 345 responses.

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Related publication: Daykin G.M., AizenM.A., BarrettL.G., BartlettL.J., BatáryP., GaribaldiL.A., GüncanA., GutamS., MaasB., MitnalaJ., Montaño-CentellasF., MuoniT., Öckinger E., OkechaluO., OstlerR., PottsS.G., RoseD.C., ToppC.F.E., UsietaH.O.,UtobloO.G., WatsonC., ZouY., SutherlandW.J., & HoodA.S.C. (2023) AgroEcoList 1.0: A checklist to improve reporting standards in ecological research in agriculture. PLoS ONE, 18 (6). e0285478. DOI: [10.1371/journal.pone.0285478](https://doi.org/10.1371/journal.pone.0285478)

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2. TERMS OF USE

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3. PROJECT AND FUNDING INFORMATION

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4. CONTENTS

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File listing

1. “WiderCommunitySurvey.pdf” includes the participant information sheet and survey questions.
2. “WiderCommunitySurvey.csv” includes responses to the survey questions (*n* = 345). The columns correspond to questions in the “Survey questions” file (e.g. Q1 is for question 1). Responses to Q13 are provided separately in “SI 5 Open Text Comments.xlsx”. Responses to Q14 (email addresses) are not provided for privacy reasons.
3. “SI 5OpenTextComments.xlsx” includes open text responses. They have been categorised into different themes by manual sorting, with these themes being represented in different columns and subcolumns.

5. METHODS

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Full details are provided in the related publication, which will be published open access. The surveys were conducted on Qualtrics.

We ran the wider community survey from 22nd March to 12th April 2022 following approval from the University of Reading’s ethics committee [reference number: 1668D]. Co-authors promoted it via: social media (e.g. twitter); emails to colleagues; and departmental and society email lists and workspaces related to agriculture, ecology, or open science (*British Ecological Society’s (BES) Agricultural Ecology Special Interest Group; ReproducibiliTea; Society for Open, Reliable, and Transparent Ecology and Evolutionary Biology (SORTEE); The Ecological Society of America*). We reviewed survey responses at the end of each week and targeted regions with low responses using our wide-ranging network of collaborators. Based on these reviews, we also targeted journal editors by emailing Senior Editors from some relevant journals (*Agriculture, Ecosystems, and Environment; Agronomy for Sustainable Development; Basic & Applied Ecology; Ecology Letters; Journal of Agricultural Science;* and *Journal of Applied Ecology*). Co-authors did not answer the survey themselves.