

## Supplemental Material

# Tensions at the boundary: Rearticulating 'organic' plant breeding in the age of gene editing

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### Interview protocol

#### Introductions

1. Tell me about your role with the broader community of people working on organics [agroecology, food sovereignty?]. How long have you been involved? In what roles?
2. Who do you see yourself as speaking on behalf of? Any other groups, movements, or institutions [in addition to primary one]?

#### Distinguishing between technologies

3. [How] do you distinguish between the different kinds of genomic technologies, in how you think about their risks and their acceptability? [in thinking about them, do you group them in any particular way?] [Gene drives vs. gene editing vs synthetic biology, different types of gene editing, marker assisted breeding?]
4. Do you see these as different from GM? How?
5. Mention marker assisted selection and breeding as a genomics-based technology - to what extent do those in your community/organization agree with the use of marker assisted breeding? On what grounds is this accepted/ not accepted?

#### Overall views and logics of acceptance/opposition

6. What is your understanding of how the organics community views the acceptability of these various technologies? [Knowing that it is a large array of techniques--do you have a sense of where they draw the line?]
7. What are your views on the use of genomic approaches and techniques? [ by the communities you represent?]
8. On what grounds do you [or your organization/the organic community] oppose these?
9. Are there any conditions under which [your institution(s)/the organic community], or you personally, might see any of these techniques as potentially beneficial?
10. How do you see these technologies being talked about by other groups in your general community [including organic community, if not discussed already], and what do you think about that?
11. If some acceptance among the organic community, ask about how this has changed over time as the sector has grown/expanded. Have actors in the organic sector/community become more open to certain technologies?

### **Political Engagement and Advocacy**

12. Have you or others you have worked with engaged directly with the regulation or resistances to new genomic or gene editing technologies? (either by feeding into policy engagement processes, or leading advocacy work). If not, why not? If so, describe.
13. To what extent has the organic community engaged directly with a more public-facing response to the new wave of gene editing and genomics-based technologies? In what ways? Why or why not?
14. [If some advocacy/engagement efforts] To what extent are these to maintain/protect 'organic integrity' versus create broader food systems change (e.g. contribute to better regulation of genomics-based technologies in the food system for all)?

### **Wrap-up**

15. Is there anything else you'd like to tell me that we haven't covered?