

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

Part 1: Personal information

Your name and organization will be kept confidential and will be separated from the rest of the data.

1. What is your name and the organization you work for?

2. How much experience have you had with conservation agriculture?

- ☐ Almost no experience
- ☐ Some experience
- ☐ A lot of experience

3. In what area is your greatest expertise?

- ☐ Agronomy/Soil science
- ☐ Social Science
- ☐ Project Management
- ☐ Farming

Other (please specify)

Part 2: The role of conservation agriculture

4. There are many different opinions about the role conservation agriculture should have in agricultural development in Mozambique. How important do you think conservation agriculture is for Mozambican agriculture?

- ☐ 1. Not important ☐ 2. ☐ 3. Somewhat important ☐ 4. ☐ 5. Very Important

Why?

5. How applicable do you think conservation agriculture is across the country?

- ☐ 1. None ☐ 2. A few agro-ecological zones ☐ 3. Some agro-ecological zones ☐ 4. Most agro-ecological zones ☐ 5. All agro-ecological zones

Why?

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

6. Under what conditions do you think conservation agriculture can benefit smallholder farmers?

Part 3: Conservation agriculture components and practices

Conservation agriculture typically includes three key elements: • minimum tillage; • crop residue retention; and • legume rotations/intercrops. Please indicate which options you consider most likely to be effective in Mozambique.

7. Minimum tillage. How important do you think each of the following minimum tillage practices is for enabling widespread CA adoption in Mozambique?

1. Not important

2.

3. Somewhat
important

4.

5. Very important

Basins

☐☐☐☐☐

Why?

Tractor ripping

☐☐☐☐☐

Why?

Ox-Ripping

☐☐☐☐☐

Why?

Tractor drawn direct
seeders

☐☐☐☐☐

Why?

Manual Zero Tillage

☐☐☐☐☐

Why?

Animal drawn direct
seeders

☐☐☐☐☐

Why?

Other (specify)

☐☐☐☐☐

Why?

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

8. Legume rotations/intercrops. How important do you think each of the following practices will be for encouraging widespread CA adoption in Mozambique?

1. Not important

2.

3. Somewhat
important

4.

5. Very important

Rotations with food
legumes



Why?

Leguminous cover crops



Why?

Intercropping with food
legumes



Why?

Other (specify)



Why?

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

9. Crop residue retentions. How important do you think each of the following practices is for widespread conservation agriculture adoption in Mozambique?

1. Not important 2. 3. Somewhat important 4. 5. Very important

Bringing grasses from fallow land to mulch cultivated land

☐☐☐☐☐

Why?

Maintaining crop residues on top of the soil

☐☐☐☐☐

Why?

Incorporating residues into the soil

☐☐☐☐☐

Why?

Other (specify)

☐☐☐☐☐

Why?

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

10. Conservation agriculture is often combined with a variety of agricultural inputs. How important do you think each of the following inputs is for widespread conservation agriculture adoption in Mozambique?

	1. Not important	2.	3. Somewhat important	4	5. Very important
Hybrid seeds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<div><div></div><div></div></div>				
Fertilizer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<div><div></div><div></div></div>				
Improved compost based on animal manure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<div><div></div><div></div></div>				
Herbicides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<div><div></div><div></div></div>				
Other (specify)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<div><div></div><div></div></div>				

Part 4: Research, development and policies for conservation agriculture

11. In your opinion, have CA researchers already succeeded in identifying a profitable form of CA that will lead to large-scale farmer adoption given proper extension efforts and minor adaptations to the local context?

- ☐ No. More research is required ☐ Not sure ☐ Yes. A clearly superior form of CA currently exists

What form of CA today best responds to smallholder needs?

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

12. Different types of research may be useful in developing and further refining suitable forms of CA for Mozambique. How important do you think each of the following research activities will be in leading to the development of widely adopted forms of CA in Mozambique?

	1. Not important	2.	3. Somewhat important	4.	5. Very important
Agronomic and soil science research (on station less than 3 years)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<input type="text"/>				
Agronomic and soil science research (on farm less than 3 years)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<input type="text"/>				
Long term agronomic and soil science research (on station and on farm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<input type="text"/>				
Environmental studies on the effects of CA on ecosystems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<input type="text"/>				
Adoption and disadoption studies (numbers using different practices and characteristics of those using each)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<input type="text"/>				
Social and economic studies (gender impacts, labor issues, cost/benefit analysis, explore what is motivating behaviors)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Why?	<input type="text"/>				
Research the advantages and disadvantages of CA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

in the different agro-ecological zones

Why?

Farming system research to see how to integrate livestock management with crop management



Why?

Impact studies to see how livelihoods are affected by CA



Why?

Other (specify)



Why?

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

13. A variety of development activities may be useful in promoting CA adoption in Mozambique. How important do you think each of the following development activities will be in promoting widespread CA adoption in Mozambique?

1. Not important

2.

3. Somewhat
important

4.

5. Very important

Establish more CA demonstration plots with active producers

☐
☐
☐
☐
☐

Why?

Produce and disseminate teaching materials about conservation agriculture

☐
☐
☐
☐
☐

Why?

Carry out regular trainings for extension workers, producers and local authorities on CA

☐
☐
☐
☐
☐

Why?

Farmer-led initiatives with a broader focus – such as Farmer Field Schools on Integrated Soil Fertility Management

☐
☐
☐
☐
☐

Why?

Develop systems for payments for carbon sequestration through CA that can incentivize farmers to use CA

☐
☐
☐
☐
☐

Why?

Sensitize community leaders about the importance of CA and its benefits

☐
☐
☐
☐
☐

Why?

Invest in long term development projects

☐
☐
☐
☐
☐

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

(longer than 5 years)

Why?

Other (specify)

☐
☐
☐
☐
☐

Why?

14. A variety of policy activities may be useful in stimulating increased CA adoption in Mozambique. How important do you think each of the following policy activities will be in encouraging high levels of CA adoption in Mozambique?

1. Not important

2.

3. Somewhat
important

4.

5. Very important

Getting input and output
markets working better for
smallholders

☐
☐
☐
☐
☐

Why?

Increasing smallholder
access to credit

☐
☐
☐
☐
☐

Why?

Promoting animal traction
and tractor based
mechanization for land
preparation, planting and
weeding

☐
☐
☐
☐
☐

Why?

Introduce the topic of CA
into agricultural training
curricula (technical school,
primary level, etc.)

☐
☐
☐
☐
☐

Why?

Create or strengthen local
level natural resource
management committees

☐
☐
☐
☐
☐

Why?

Harmonize CA research
and CA project efforts to

☐
☐
☐
☐
☐

Conservation Agriculture in Mozambique - Prioritizing Actions, Round 1

learn from each other and
avoid conflicting
messages

Why?

Create pro-CA legislation
and have CA included in
the state budget



Why?

Other (please specify in
the Why? Box followed by
your reasons)



Why?

Thank you for your participation!