

## Technology Fact Sheet for Mitigation

| Subsectors                     | Technology                        | Description                                                                     | Benefits                                                                                                                     | Challenges                                                        |
|--------------------------------|-----------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Sustainable agriculture</b> | Conservation tillage <sup>i</sup> | Measure involves minimum tillage such as basin planting and reaper row planting | Precise and less input application of fertilizer and lime leading to less N <sub>2</sub> O and less CO <sub>2</sub> produced | Work is tedious and requires application of appropriate machinery |

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<sup>i</sup> This fact sheet has been extracted from TNA Report – Technology Needs Assessment and Technology Action Plans For Climate Change Mitigation– Zambia. You can access the complete report from the TNA project website <http://tech-action.org/>