**TECA – Technologies and Practices for Small Agricultural Producers**

**– Template for Technology Development –**

*Text in italic: TECA staff will fill in this information*

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| **TITLE:** |  |

Enter a clearly representative title for the topic. Also, add the country, where the practice has been tested and validated (*ex: The honey extracting wooden press, Cameroon*)

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| **Publication language:** | Language |  |  |  | |
| **Technology number (ID):** | ***ID#*** | | | | *(TECA staff)* |
| **Publication month:** | *Click here to enter a date.* | | | | *(TECA staff)* |
| **Publication version:** | *Choose Version.* | | | | *(TECA staff)* |
| **TECA editor:** | *Enter the name of the editor* | | | | *(TECA staff)* |
| **Revision version and date:** | *Choose Version.* *Click here to enter a date.* | | | | *(TECA staff)* |
| **Source:** | **Name of the Organization providing the technology to TECA** | | | | |
|  | | | | | |
| **Region/Country of first practice** | Choose a country/region. | | | | |
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| **Keywords** | | | | | |
| Enter well-fitting keywords for the technology | | | | | |
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| **Technology’s Categories** | | | | | |
| Choose first category. Choose second category. Choose third category. | | | | | |
|  | | | | | |
| **Summary** | | | | | |

The summary should be short, maximum 10 lines. It should be concise and briefly describe the benefits of this practice, where and how (basic points) it can be used. This text will be displayed on the search results together with a picture and title to have a quick view of the content, allowing the TECA user to choose to read it or not.

Please write here the summary of your technology:

…

…

…

***For TECA staff: This technical description is also available in: English (ID), French (ID), Spanish (ID), Portuguese (ID)***

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| **Description** |

**Insert a detailed description of the practice:** describe all the steps and the challenges encountered in applying the practice. It should be clear, easy to follow, without much technical language.

**Specify any details useful to understand/reproduce the technology:** materials needed, specific tools, precise measurements/dimensions, etc.

Pictures, drawings, or tables can be inserted in the text for more clarification (**for each picture/drawing/table, provide TITLE + copyright name of organization/owner + year**)

(Example: © FAO/James Smith, 2019).

**USE AS MANY PAGES AS YOU NEED !**

Please write here the description of your technology:

…

…

…

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| **Validation of the practice** |
| →Specify where (exact area) and for how long the practice has been tested by farmers.  →Specify under which environmental, climatic (period/season), institutional, economic and social conditions the practice was carried out, so that it can be reproduced successfully by others and/or scaled out. |
|  |
| **Minimum requirements for the successful implementation of the practice** |
| →Mention the basic necessary conditions for a successful implementation of the technology (ex: amount of annual rainfall, special type of soil, soil pH, ground water quality, etc.).  →Is there a limiting factor? If so, please specify. |
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| **Further reading** |
| Insert here references to sources that provide additional information on the topic. Mention author(s), document title, year of publication and website (if available). |
|  |
| **Agro-ecological zone(s) (click** [**here**](https://www.fao.org/uploads/pics/GAEZportal_Page_1_01.png) **for help to choose the agro-ecological zone)** |
| Agro-ecological conditions under which the practice has been carried out. |
| Agro-ecological conditions under which the practice has been carried out. |
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| **Related/Associated Technologies** |
| If you know any technologies published on TECA which can be associated (similar and/or complementary) to the current one, please mention technology’s title, URL or #ID. |

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| **This technology is linked to the following thematic(s):** |
| **Agricultural and rural Development** |
| *“Agricultural and rural development is defined as the process that fosters the fulfilment and improvement of agricultural potential for a better quality of life and economic well-being of populations living in rural areas. Those conditions include the accumulation of knowledge and availability of technology.”* (©OECD, 2006) |
| **Food and nutrition** |
| **Pro-poor technology** |
| *“The technology contributes to rural poor having enhanced and equitable access to productive resources, services, organizations and markets, and can manage their resources more sustainably.”*  *“Agricultural technology can affect smallholder income, labour opportunities, food prices, environmental sustainability, and linkages with the rest of the rural* economy.” (©FAO and DFID, 2005)  *“[Technology] that, in addition to reducing poverty, also decreases inequality and enhances the development of macro-economic policies deemed fair and equitable for all citizens and not only for elites*.” (©UNTERM, 2009) |
| **Labour-Saving Technology (LST)** |
| “*Labour-Saving Technologies address specific labour constraints and can reduce the time and effort needed in carrying out specific tasks*.”  *“[These technologies (often linked to mechanization)] relieve the burden of labour shortages, raise labour productivity, generate employment and enable rural households to become more resilient.”* (©AGP-FAO, 2019) |
| **Women-friendly** |
| *“The empowerment of women may emerge through improved access to resources; the collective action and political mobilization of women; and training and awareness raising.”* (©FAO, 2013)  *“Women’s empowerment, in particular improvements for women in education, health and control over income, is central to alleviating household poverty and improving food security and nutrition.”* (©FAO, 2018) |
| **Resource use efficiency** |
| *“Resource use efficiency means using natural resources in a sustainable way and minimizing the impact of human activities on the environment. The concept of resource efficiency is encapsulated in the idea of ‘doing more with less’.”* (©ENRD, 2018)  Related to the “Eco-efficient” definition from CGIAR-CIAT:  *“Eco-efficient agriculture increases productivity while reducing environmental impacts and meets economic, social, and environmental needs of the rural poor by being profitable, competitive, sustainable, and resilient.”* (©CIAT, 2009) |
| **Youth** |
| **Plant Diseases** |
| **Animal Diseases** |
| **Education & Training** |
| **Water** |
| **Soil** |
| **Sea** |
| **Trade** |
| **Environment** |

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| **Sustainable Development Goals (SDGs) (TECA Staff)** | |
| *Choose a SDG.* | *Choose a SDG.* |
| *Choose a SDG.* | *Choose a SDG.* |
| *Choose a SDG.* | *Choose a SDG.* |