

ICAR-Central Institute for Women in Agriculture, Bhubaneswar

Name of Innovation	Farmer's /Innovator's Name	Brief Description	Photographs
Manual Disc Ridger	ICAR-CIWA	<p>This gender friendly tool was developed to amend operation posture to standing, thus reducing drudgery. This tool is used to make small ridges in the well-prepared field for irrigation, sowing or planting of vegetables crops on bunds. The developed tool was tested ergonomically for physiological and postural parameters. It needed two people for operating the tool in pushing and pulling action. Saves 73% in cardiac cost/m² compared to traditional spade method. Manual disc ridger is ergonomically acceptable, safe and capacity for female and male is 427 and 508 m²/h respectively.</p>	