

**Table 1: Activity chart for undertaking Jhum optimization measures**

Month	Calendar of operation in <i>Jhum</i>	Measures <i>Jhum</i> optimization to be undertaken
Sept-Oct	<i>Jhum</i> allocation	Micro planning with farmers and village council
Jan	Jungle cutting	<ul style="list-style-type: none"> <li>- Selective felling of trees.</li> <li>- Keeping of pollarded tree poles</li> <li>- Forest in the upper ridge are conserved for catchment area</li> </ul>
Feb	Making of fire path	
March	Burning of biomass, cleaning of field, construction of foot path & <i>Jhum</i> hut	<ul style="list-style-type: none"> <li>- Contour bunding using unburned logs and split bamboo</li> <li>- Digging of staggered trenches</li> <li>- Identification of water bodies</li> </ul>
April-May	Seed sowing (vegetables, maize, rice , spices etc)	<ul style="list-style-type: none"> <li>- Construction of check dams compost pit and water harvesting ponds</li> <li>- Planting of Colacasia, maize spices, along the contour lines</li> <li>- Sowing of pulses , legumes</li> <li>- Seeds of cucurbits, beans and cowpea can be sown near tree poles which act as support for the climbing vines</li> </ul>
June	1 <sup>st</sup> weeding	<ul style="list-style-type: none"> <li>- Management of regenerated off-shoots of trees (fallow management)</li> <li>- Planting of locally available tree saplings and horticultural crops in between the main crops</li> </ul>
July	2 <sup>nd</sup> weeding (Corn harvesting)	<ul style="list-style-type: none"> <li>- Management of horticultural plants and trees</li> </ul>
Aug	3 <sup>rd</sup> weeding (Harvesting of vegetables)	<ul style="list-style-type: none"> <li>- Management of check-dams and water bodies</li> <li>- Sowing of seeds cover crops</li> </ul>
Sept	Final weeding	<ul style="list-style-type: none"> <li>- Management of horticultural crops and tree saplings</li> </ul>
Oct-Nov-Dec	Harvesting of paddy Colacasia, vegetables etc	<ul style="list-style-type: none"> <li>- Checking of compost pit and preparation for winter vegetables.</li> </ul>