

List of Models/Charts/Graphs/Pictures for Agricultural Heritage Museum

Category	Name	Use
Hand tools	Spade	Digging, making bunds and water courses, hoeing, levelling small plots/area, cleaning of water channels, spreading manure, etc.
	Ramba or khurpa	Hand hoeing, weeding, cutting grass and fodder, sometimes for chaffing turnips and making sugarcane sets.
	Gandala or Chuha ramba	Digging holes in the soil for making hedges and fences.
	Baguri	Hand hoeing of sugarcane before its germination.
	Kasola and Kasoli	Hand hoeing of cotton, maize and sugarcane.
	Kulhari or Kuhari	Trimming trees, cutting tree trunks, woods.
	Gandasa or Toka	Chaffing fodder, cutting cotton sticks, harvesting sugarcane, making sets of sugarcane for sowing.
	Phaura and Phauri	Removing dung from animal sheds, levelling small beds, collecting grains spread on plain surfaces.
	Hand hoe with adjustment	Hoeing of vegetables and crops on a small scale, ploughing small plots, scrapping weeds and making ridges.
	Sickle	Harvesting crops/fodders, weeding nursery or thickly-sown crops.
	Syth	For fodder cutting especially berseem
	Pilchi	Stripping sugarcane trash.
	Jandra	Making bunds, levelling small plots.
	Sanga and Trangli	Used for turning over the plant material at preliminary stage of threshing of crops. Trangli is used in later stages of threshing, also used for winnowing.
	Karahi and basket	Used for carrying grains, straw (bhusa), manure, fodder, etc.
Chhaj	For cleaning the crop seed from dust and weed seeds, etc., also used for winnowing.	
Dibbler	Sowing of seeds maintaining specified plant to plant distance in rows.	

	K R Karandi	Used for breaking the surface crust or <i>Krund</i> ; “ <i>Krand</i> ” formed by a light rain shower after sowing of crop that prevents emergence of seedling.
	Seed Treating Drum	Used for dressing, coating and delinting crop seeds using different chemicals for protection against soil pests and diseases.
Animal driven implements	Ploughs (local), cultivators, drills, harrow drawn by bullocks	Used for opening soil, tillage, intercultural and seed bed preparation for sowing crops
Fodder chopper		Hand toka, manual Toka, bullock driven machine locally called Gear, electric toka, used for chopping fodder
Gur making tools	Belna/juice extractor	For extraction of cane juice
	Juice boiling pan	For boiling the cane juice
	Chubha (oven)	An earthen oven for boiling cane juice
	Poni	For removing scum from the boiling juice.
	Dora	For transferring juice from boiling pan to wooden pan for cooling.
	Gand	Wooden pan used for aerating and solidifying the boiled and concentrated raw sugar (<i>Patt</i>).
	Thapi	For stirring and cooling the patt and making <i>Gur</i> in the gand.
	Ganwa	Used for stirring juice while boiling
	Garmala	For making brown sugar after solidifying the patt.
Crops and seeds		Seeds and pictures of all summer and winter field crops will be displayed.
Weeds		Pictures of all weeds
Agro-ecological zones of Pakistan		Maps/graphs of agro-ecological zones (10) of Pakistan with their characteristic features and land use suitability
Persian wheel (<i>Reht</i>)		Buckets run over a wheel for pulling water from the well for irrigation purpose; often animal driven
Kharass		Local animal driven flour mill wherein grains are ground between 2 large round stones
Chaki		Used for grinding seeds manually to make flour

Chattu wata /Cill vata (Hawen Dasta)	Used for making powder/small pieces of different seeds or other household for various purpose
Okhli/molhi	A pit in soil for separating grain from covering by hammering with mohli
Cotton Penja	Making fine pieces of lint for use in quilts, pillows, or making pooni for thread making by charkha
Khaddi	A local manual unit for weaving cloth from raw thread.
Kohlu	For extraction of oil from oilseeds
Cotton Belna	Used for separation of lint and seed from raw cotton (<i>Phutti</i>) manually.
Cotton weaver/Charkha	Manually operated unit used for making thread from lint (<i>Rooi</i>)
Harvesting methods	Manual uprooting, by hand tools (toka, sickle, etc.), manual implements (reapers), mechanical reapers, and through combine harvesters.
Retting of Jute	The process of dipping jute stems in water for softening its bark before removing the fiber
Curing of Tobacco	Processing of desi tobacco by burying tobacco leaves in a pit for anaerobic fermentation and softening the leaves for making ropes subsequently
Phally	Animal driven wooden sketch filled with tree branches for threshing of wheat
Artisan/Turkhan	A man making/repairing articles like hand tools and implements, made from wood to be used at farm
Blacksmith/Lohaar	A man making/repairing articles like hand tools and implements, made from iron to be used at farm. A local furnace and other helping tools are kept with the blacksmith

All these may be displayed in the form of Models. Where models are not available, pictures and expanded graphics on walls can be prepared with detailed description of each item. The processes can be displayed graphically on large walls with description of the process at each step.

