

# BARI Developed Promising Agricultural Machinery



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April 2017

Sl. #	Name & features of machinery	Functions with photographs
1	<b>BARI Seeder (PTOS)</b> <ul style="list-style-type: none"> <li>Four operations –shallow tilling, fertilizing, seeding in line, and seed covering simultaneously at a time</li> <li>Wheat, maize, mungbean, pulses, jute, groundnut, soybean, sesame, and rice can be sown successfully</li> <li>Capacity: 0.13 ha/h</li> <li>Price: Tk. 65,000.0</li> </ul>	 
2	<b>BARI Zero Till Planter</b> <ul style="list-style-type: none"> <li>Seed and fertilizer placed directly through crop residue by a opener and seed covered with press wheel at a time</li> <li>All kinds of seed can be planted</li> <li>Capacity: 0.10 ha/h</li> <li>Price: Tk. 40,000.0</li> </ul>	 
3	<b>BARI Bed Planter</b> <ul style="list-style-type: none"> <li>Forming bed, seeding, and fertilizing at a time in untilled soil</li> <li>Maize, wheat, mug, rice can be sown successfully</li> <li>Capacity: 0.10 ha/h</li> <li>Price: Tk. 40,000.0</li> </ul>	 
4	<b>BARI Potato Planter</b> <ul style="list-style-type: none"> <li>Planting potato maintaining standard spacing and earthing up at a time</li> <li>Capacity: 0.10 ha/h</li> <li>Price: Tk. 40,000.0</li> </ul>	 
5	<b>BARI Potato Harvester</b> <ul style="list-style-type: none"> <li>Potato harvesting and tuber exposed on the surface, finally pick by hand</li> <li>Capacity: 10 Bigha/day</li> <li>Price: Tk. 35,000.0</li> </ul>	 
6	<b>BARI Potato Grader</b> <ul style="list-style-type: none"> <li>Grade potato in three different grades according to diameter (&lt;28 mm, 28 – 40 mm &amp; &gt;40 mm)</li> <li>Women friendly</li> <li>Capacity: 1.0 t/hr</li> <li>Price: Tk. 40,000.0</li> </ul>	 
7	<b>BARI Mobile Maize Sheller</b> <ul style="list-style-type: none"> <li>Easy transportable and start shelling operation instantly</li> <li>Mounted with power tiller</li> <li>Women friendly</li> <li>Capacity: 2 t/hr</li> <li>Price: Tk. 16,000.0</li> </ul>	 

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8	<b>BARI Garden Boom Sprayer</b> <ul style="list-style-type: none"> <li>• All functional parts set up on a rickshaw van</li> <li>• Spraying pesticides uniformly and effectively in all kinds of fruit trees</li> <li>• Women can use</li> <li>• Capacity: 150-170 tree/day</li> <li>• Price: Tk. 30,000.0</li> </ul>		
9	<b>BARI USG Applicator</b> <ul style="list-style-type: none"> <li>• Suitable for USG application in row puddled rice field</li> <li>• Urea saving: 43% ,Time saving: 80%</li> <li>• Capacity: 0.10 ha/hr</li> <li>• Price: Tk. 3500.0</li> </ul>		
10	<b>BARI Hot Water Treatment Plant</b> <ul style="list-style-type: none"> <li>• Mango &amp; banana treated 53-55° C for 5-7 minutes</li> <li>• Treated fruits remain fresh 10-12 days.</li> <li>• Women can use</li> <li>• Capacity: 1 t/hr</li> <li>• Price: Tk. 1,70,000.0</li> </ul>		
11	<b>BARI Hybrid Dryer</b> <ul style="list-style-type: none"> <li>• Drying seeds using solar energy</li> <li>• Women can use</li> <li>• Capacity: 200-300 kg/12 h (grain) 50-100 kg/20 h (veg. &amp; fruit)</li> <li>• Price: Tk. 100,000.0</li> </ul>		
12	<b>BARI Coconut Dehusker</b> <ul style="list-style-type: none"> <li>• Dehusk coconut with less time &amp; cost</li> <li>• Capacity: 200-300 ruts/h</li> <li>• Price: Tk. 62,000.0</li> </ul>		
13	<b>BARI Vegetables Washing Machine</b> <ul style="list-style-type: none"> <li>• Wash vegetables crops (carrot, radish, amaranth, potatoes etc) hygienic way.</li> <li>• Capacity: 1.0 t/hr</li> <li>• Price: Tk. 70,000.0</li> </ul>		
14	<b>BARI Axial Flow Pump</b> <ul style="list-style-type: none"> <li>• Three different sizes of axial flow pumps are available- 76 mm (3"), 102 mm (4") and 150 mm (6")</li> <li>• Discharge capacity 15, 26 and 45 l/s for small, medium, and large axial flow pumps</li> <li>• Price: Tk. 25,000.0</li> </ul>		
15	<b>BARI Straw Chopper</b> <ul style="list-style-type: none"> <li>• Chopping rice straw, maize stalk and fodder for cattle use</li> <li>• Capacity: 1-2 t/hr</li> <li>• Price: Tk. 40,000.0 (with engine)</li> </ul>		



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