CASI Machines Comparison Chart



Multi-Crop Zero Tillage Planter





Disclaimer: Prices mentioned above are valid as of February, 2021 date. Prices may vary according to your location.





Mechanical Rice Transplanter

Rice	Rice, Wheat, Maize, Barley, Millets, Green gram, Chickpea, Lentil, Mustard, Soybean, Jute, and many more
ter. ^F seedling. ing shock. ce grain yield	 Additional benefits over Zero Tillage: Stops farmers from crop residues burning and reduces air pollution. Reduces weed control measures pressure as mulch act as a physical barrier to suppress weeds. Saves labor, water and energy while reducing cost of production. Improves soil health and physical properties. Provides better crop resilience under adverse climatic conditions.
a prerequisite. chine in a lowland conditions where during transplanting.	 Crop residue retention on soil surface is mandatory to use machine efficiently. Uniform crop residue dispersion is prerequisite to run the machine. >45 HP tractor is required to run the machine with skilled driver
450000 50000 0000-400000	Nepal (NPR): 220000-250000 India (INR): 130000-170000 Bangladesh (BDT): 200000-250000
0-5500 -3500 •): 3500-4000	Nepal (NPR/ acre): 5000-5500 India (INR/ acre): 3000-3500 Bangladesh (BDT/ acre): 4000-4500
ari, available (Mahindra, Yanmar, VST, ally available (ACI, Metal, Janata)	Nepal: Rupandehi, Itahari India: Commercially available in local markets (SSCOP-Coochbehar) Bangladesh: On Order
¥	

Happy Seeder



Australian Government Australian Centre for International Agricultural Research



CASI Machines Comparison Chart



Power Tiller Operated Seeder





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Strip Tiller

Maize, Rice, Wheat, Lentil, Chickpea, Mustard, Soyabean, Sunflower, Jute and more

- Creates an environment favorable for rapid seed
- Provides excellent residue management and erosion
- Optimum fertilizer placement for plant uptake, warmer
- Increase farm profits by reducing labor, energy and time. Improves soil health and physical properties
- Keeps anchored crop residue about 30 cm height from
- Higher crop residue retention can create problem in
- Strip tillage machine needs special blade sheeting

Bangladesh: Chaudanga, Dinajpur, Jamalpur, Dhaka



Laser Land Leveler

Prerequisite for all crops

- Saves water by 15-30% depending on field situation.
- Improves input (fertilizer, pesticide and herbicides) use efficiencies.
- Reduces crop diseases and weed problem.
- Increases productivity compared to unlevelled land.

Nepal (NPR): 450000-600000 India (INR): 250000-400000 Bangladesh (BDT): 450000-600000

Nepal (NPR/ hr): 1200-1500 India (INR/ hr): 800-1000 Bangladesh (BDT/ hr): 1000-1200

Nepal: Order basis from India India: Commercially available at dealer shops **Bangladesh:** Order basis from India



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