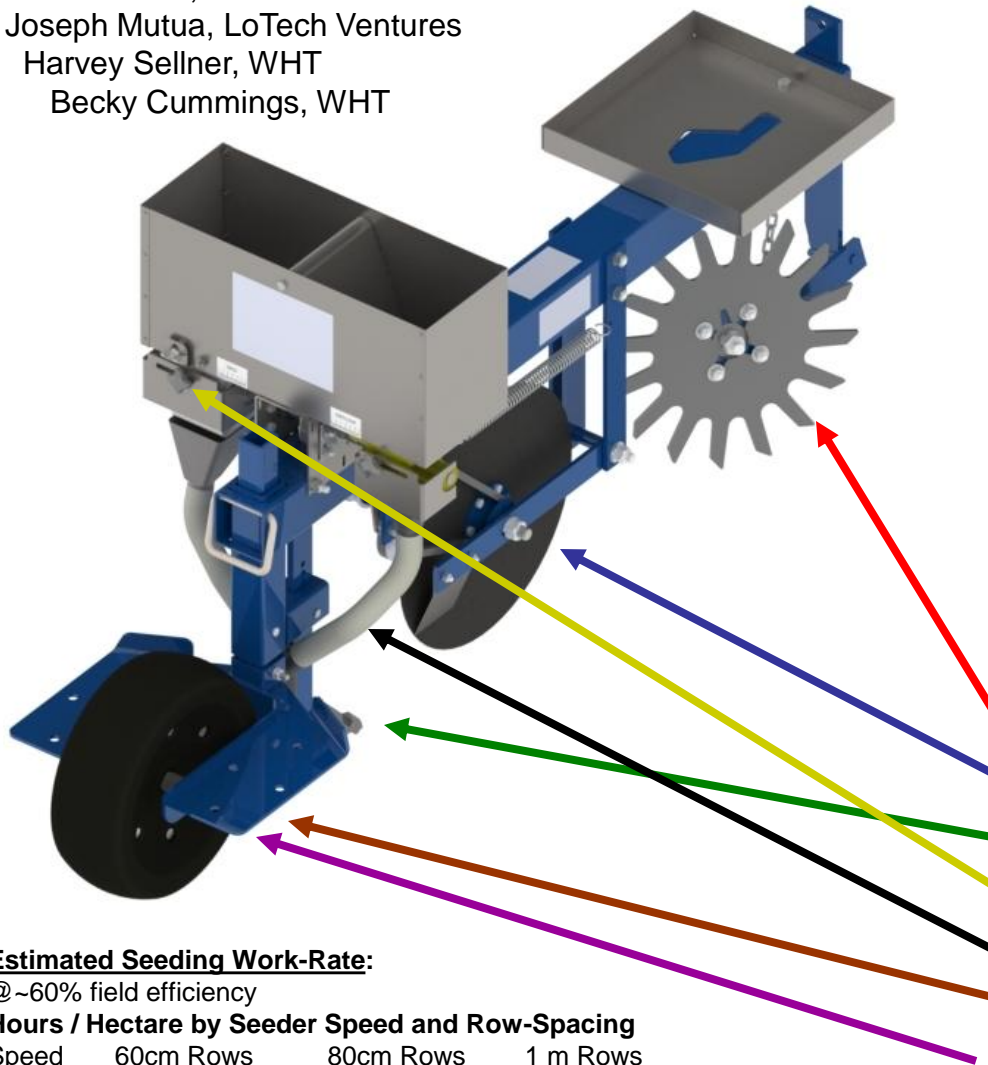


# CONSERVATION-AGRICULTURE SEEDER SMALLHOLDER FARMERS

John Morrison, Consultant  
Joseph Mutua, LoTech Ventures  
Harvey Sellner, WHT  
Becky Cummings, WHT



**Morrison Seeders®**, CA-Seeder 1000  
by SMTI, Johnson City, TN, USA 37604  
Global Distribution  
by WHT [www.whtfound.org](http://www.whtfound.org) Durham, NC USA 27705

## Seeder Tasks:

- Clear Path For Row
- Cut Remaining Residues
- Open Seed Furrow
- Meter Seed into Furrow
- Meter Fertilizer into Furrow
- Press the Seeded Furrow
- Provide a Riding Platform

## Estimated Seeding Work-Rate:

@ ~60% field efficiency

### Hours / Hectare by Seeder Speed and Row-Spacing

Speed	60cm Rows	80cm Rows	1 m Rows
3 km/hr	9 hrs 16 min	6 hrs 57 min	5 hrs 33 min
4 km/hr	6 hrs 57 min	5 hrs 13 min	4 hrs 10 min
5 km/hr	5 hrs 47 min	4 hrs 20 min	3 hrs 28 min