



OSU GreenSeeder PLANTER

***By 2050
there will be
9.1 billion
people***

World area planted by hand \approx corn area in the USA (35M ha's)
Developing world, avg. farm size = 1 ha

- Increase of 30%
- Food production must increase 70%
- 95% of increased population will be in the developing world

BENEFITS:

- Remove chemically treated seeds from the hands of small farmers
- Decrease soil erosion
- Accomodate mid-season urea-N application
- Urea placed below surface reduces NH₃ losses
- Potential to increase maize production and NUE

Photos courtesy Tom Wu



OSU Planter components



Marginal landscapes where maize is planted - Central America