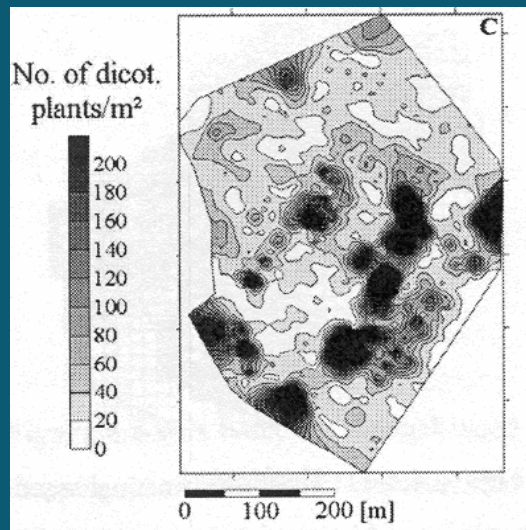


Small light-weight robots for open field agriculture

Agricultural objectives of light-weight robots:

1. Small scale farming at plant level within non-uniform fields (precision agriculture),
2. Less soil compaction and all year access to fields,
3. Cost reduction, robustness and safety



Challenges:

1. Poorly structured environment,
2. Variation in shape, size and color of biological objects.



Small light-weight robots for open field agriculture

Hardware (sensors, cpu's, actuators) is commonly available
and has been tested successfully

but

robots are not yet sold!



Critical technical challenges within IST framework:
Intelligence, robustness, safety, low-cost!
Swarm technology?

We look for: intelligence 😊 & we offer: a challenging application!

