

Traffic effects on soil fauna



Bad for earthworms:

- from 40 to 2 per m² with 5t wheel loads
- earthworms can have beneficial effects on soil-borne diseases less take-all

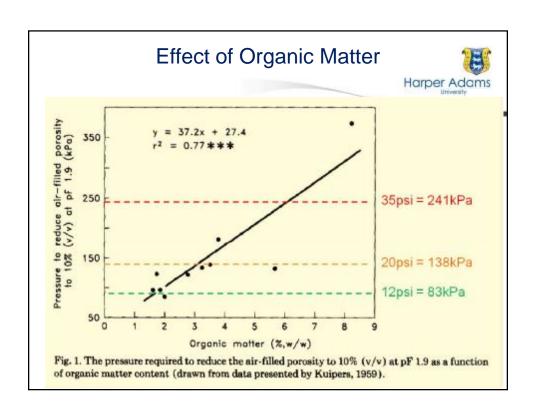


No traffic:

"Good for Peter also good for Paul"

 slugs also like better soil structure, therefore - proactive stance and cultural controls





There are many savings



- 1. little need for subsoiling
- 2. less power per unit width
- 3. less "aggressive" cultivators
- 4. shallower tillage
- 5. better stale seedbeds
- 6. smaller tractors
- 7. maximum potential for "No till"

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Without traffic



- Crop yield gains and savings in:
 - fuel
 - time
 - machinery
 - labour
- Improvements in:
 - soil health
 - nutrient and water use efficiency
 - timeliness







"Man has only a thin layer of soil between him and starvation".

Anonymous

"The nation that destroys its soils, destroys itself".

F. D. Roosevelt

"There can be no doubt that a society rooted in the soil is more stable than one rooted in pavements"

Aldo Leopold

"To forget our soil is to forget ourselves"

Ghandi



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