

Mechanical weed control

Why?

- Strongly reduces the input of herbicides
- Decreases number of available herbicides in many crops
- Effective against pesticide-resistant weeds

Type of machinery / equipment:

- Hoe
- Harrow
- Robots

Modes of action:

- Full field
- Between rows
- In crop rows
- Ridge application



Advantages

- Less input of chemical pesticides
- No emissions to ground and surface water
- Autonomous vehicles
- Driven by solar power
- Combines with precision sowing/precision agriculture for application in the row and even before crop emergence

Disadvantages

- Less capacity (ha/hours)
- More energy use
- More weather dependant

