

Flex-tine weed harrowing in spring cereals

Mechanical weed control in spring cereals is a good option in fields with moderate weed pressure. The method is an alternative to herbicides, and can be an important tool where herbicide resistant weeds are present

DID YOU KNOW?
Mechanical weed harrowing can control up to 80 % of annual weeds

Readiness for use: 

Efficacy: 

How it works

Mechanical weed control in spring cereals is practiced by flex-tine harrowing. Harrowing is performed as extensively as required and follows the three principles (preemergence, postemergence and selective harrowing)

- Preemergence plus one or more postemergence harrowing's are required
- Preemergence harrowing should be done when the crop is at the 3-4 leaf stage, and the weeds are on the cotyledon stage
- Increased aggressiveness of harrowing is required the bigger size the weeds get
- Harrowing can be done latest at around beginning of stem elongation against selected weed species
- The weather should preferably be sunny and dry weather, during and after treatment
- Avoid the method if the seed bed is not well prepared, if the soil easily becomes cloddy or contains many stones



Figure 1 - Flex tines create soil disturbance which causes lethal uprooting and/or soil coverage of weeds.
(Photo by Jesper Rasmussen)

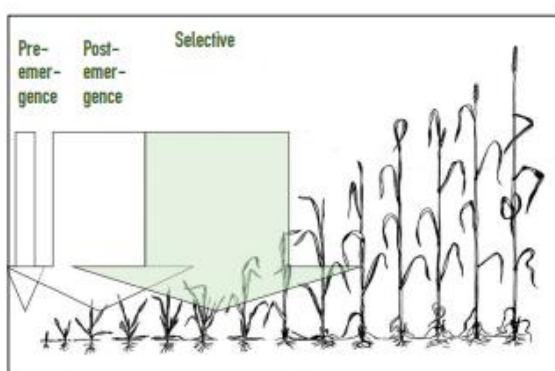


Figure 2 - The three principles of weed harrowing in spring cereals

Read more

[Flex-Tine weed harrowing in spring cereals](#)

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