

## Weed cutting above the crop

A selective cutting and harvest of weeds growing above the crop. Different machinery is available and the technique is an IPM supplement to other mechanical tools or herbicides.

**DID YOU KNOW?**  
Weed cutting can be used in all crops, and is a tool against resistant weeds

Readiness for use: 

Efficacy: 

## How it works

Ears or inflorescences/seed heads from weeds that develop above the crop are cut off in the growing season and collected and removed for destruction. The method prevents the weed seeds from shedding before harvest and spreading in the field.

- Can be used selective against a wide range of different weeds from Fat hen (*Chenopodium album*) in sugar beets to resistant grass weeds in cereals
- Horizontal double-cut knives mounted on two booms run on top of the crop and cuts off the weeds
- The weed material is collected on conveyor belts on the booms and transported to a large bin, that afterwards can take the plant material to destruction
- Machinery comes in widths up to 18 m, and can be used in working heights from 15-30 cm up to 160-180 cm. Versions of the machinery also exist without collection, these machines are known as 'weed surfers'
- The method should be used in a weed strategy in combination with other preventive and direct control methods

Figure 1. Cutting and collection of grass weed ears on the top of a barley crop. Photo: [www.Zuern.de](http://www.Zuern.de)



Figure 2. Cutting ryegrass ears on the top of a wheat crop. Photo: Poul Henning Petersen, SEGES Innovation



Read more:

[CombCut lyckegard.com](http://CombCut.lyckegard.com)

[TOP CUT collect zuern.de](http://TOP CUT.collect.zuern.de)

CONTACT

**SEGES**  
INNOVATION

Jens Erik Jensen  
SEGES Innovation P/S  
[jnj@seg.es.dk](mailto:jnj@seg.es.dk)  
+45 2171 7706

Marian D. Thorsted  
SEGES Innovation P/S  
[mdt@seg.es.dk](mailto:mdt@seg.es.dk)  
+45 2475 7914



AARHUS  
UNIVERSITET

Bo Melander  
Aarhus University  
[bo.melander@agro.au.dk](mailto:bo.melander@agro.au.dk)  
+45 22 28 33 93