

EMILIEN QUILLIOT

Institut Technique de la Betterave (ITB), 45 rue de Naples, F – 75008 Paris

HOW IS IT POSSIBLE TO REDUCE TFI HERBICIDE ON SUGAR BEET?

Comment réduire l'emploi d'herbicides IFT dans des betteraves sucrières /

**Wie lässt sich der Einsatz von Intensitätsindex (TFI)-Herbiziden in
Zuckerrüben reduzieren?**

ABSTRACT

Herbicides are the most supervised products as for environmental protection. With the challenge to reduce the use of pesticides, TFI (Treatment Frequency Index) herbicides is a allows growers to measure the pressure of herbicide use on farms. This indicator helps monitor the intensity of herbicides use, to set objectives and track change.

This topic is an overview of the ITB work about the possibilities of chemical (adapting the system to new herbicide available and regulation such as Centium 36CS, promoting the best techniques to the growers...) and mechanical (rotative hoe, boom for band spraying, cultivator with stars, "désherbineuse"...), which judiciously combined, contribute to the sustainable management of weeds in the sugar beet fields.
