



Efficacite de l'herbicide Roundup Ready applique au soja genetiquement modifie, culture successive (apres l'orge), cultive dans le systeme no-tillage dans la plaine du Danube

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In the Plain of the Danube, the premiere experiment with soybean genetic modifies (species 0094RR) has been executed in successive culture after the barley as a practitioner the No-stripping system.

The weed killer Roundup Ready has been uses to fight against bad grasses, including Sorghum halepense. This weed killer contains 360 g/l glyphosate. By the application of two treatments with Roundup Ready in amounts of 3 + 3 liters/ha, a fight of 100% has been realized against all annual and perennials bad grasses, including Sorghum halepense. With the alternative concerned, the largest production of soybean of 2800 kg/ha has been realized (by carrying out two irrigation with a watering rates of 400 m³/ha).

With the barley culture + soybean successive culture on the traditional system, 122 liters of fuel oil have been consume on the whole for work mechanic and on the system No-stripping only 48 liters/ha. Calculations concerning economic efficiency have the barley culture + soybean in successive culture, a profit of approximately 28 million lei/ha has been realized.