

GM plant dilemmas

Oilseed rape

Oilseed rape is a common crop plant. The oil produced is mostly used to make vegetable oil for cooking and for biodiesel. The waste from processing the oil can be used as animal feed.

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Oilseed rape

Oilseed rape contains high levels of erucic acid. This acid is slightly toxic to humans and gives the oil a bitter taste.

The oil also contains high levels of glucosinolates and this lowers the nutritional value of the rapeseed meal which is left over from the oil processing and used for animal feed.

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Oilseed rape

A GM oilseed rape variety has been produced - it is known as **00** because it is low in erucic acid and in glucosinolates.

3



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Oilseed rape

Europe has very strict rules about the use of Genetic Modification.

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Oilseed rape

Growing the GM **00** oilseed rape
is banned in Europe.

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