



THE UNIVERSITY OF
TOLEDO
1872

seeks partner to license

Process for Transforming Gramineae and the Products Thereof

The University of Toledo is seeking companies and research organizations interested in licensing technology relating to a process for transforming gramineae and the products thereof. This is achieved through making a wound in a seedling in an area of the seedling containing rapidly dividing cells and inoculating the wound with vir⁺ *Agrobacterium tumefaciens* containing a vector comprising genetically-engineered T-DNA. This patented technology provides a method for transforming Gramineae resulting in the production of transformed differentiated organs and tissues such as leaves, plants and pollen. Thus, it provides a method of transformation that allows for the expression of exogenous DNA in agriculturally important forms or parts of the Gramineae. This technology also provides commercially important food sources to develop strains of Gramineae having altered or superior traits, such as higher yielding strains and strains having resistance to herbicides or better nutritional value.

Application:
Agricultural and scientific industry.

Advantages:
Allows for the transformation of Gramineae.
Allows for superior Gramineae strains.

Protected by issued patents:

US 5,177,010
US 5,187,073
US 6,020,539
AU 606,874
JP 3,234,534
JP 2,693,443
CA 1,341,455

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