



## Strategii privind combaterea chimică a buruienilor la hibrizii de porumb cultivați în Lunca Dunării

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For 4 years (1998 - 2001) studies were performed in regard to the efficiency of the newset herbicides recently syntesized worldwide in comaprision to those manufactured bu the Romanian Chemical Industry (Oltchim).

The studies were performed in the Danube Meadow on an alluviation soil containing 38 % humus and 41 % clay by using varied Romanian herbicides Diizocab, Mecloran, Butizin, Romazin, Zinal, Magnific, Icedin Super and foreign: Dual, Ring, Primextra, Guardian Extra, Stomp and Tazastomp. The experiences was organized according to the method of randomized blocks in 4 repetitions with lots in a surface of 25 m<sup>2</sup>. During the vegetation of maize, the selectivity of herbicides towards the maize hybrids and the efficiency in fighting against weeds were studied. The grain production was estabilished at 15 % humidity on harvesting. On basis of the 4 years of study the general conclusion was draw that herbicides manufactured in Romania are at level of the efficient herbicides manufactured worldwide.