



## Selectivity, efficacy and yield of PR64E83 sunflower hybrid treated with express 50DG herbicide

St. POIENARU - Agricultural University College, Calarasi  
N. SARPE - Academy of Agricultural and Forestry Sciences of Bucharest

The PR64E83 sunflower hybrid treated with Express herbicide was tested at Agrofam-Holding, Fetesti in the conditions of alluvial soil from the Danube Meadow.

The experiments were made according to the methods of blocks randomized in 4 repetitions with the surface of lots estimated at 25 square meters.

The Express 50SG herbicide contains 75% tribenuron methyl. After applying this herbicide in doses of 30g/ hectare to 90 g/hectare, the experts noticed that this substance hold a good selectivity for the PR64E83 sunflower hybrid.

The weed control, including the *Cirsium arvense*, was different, according to the dozes of Express 50SG herbicide used for the crop.

The sunflower yield was in accordance with the degree of fighting against weeds.