



Researches concerning the influence of sorts of unripe and semiunripe potato, cultivated on the halds of ashes from Isalnita - Craiova thermo - electric power station

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The halds of ashes resulted from the burning of coal in thermo-electric stations, represents a great danger for the environment leading to its pollution through the ashes swept by the wind, removing on the other hand important field surfaces from the agricultural circuit. Regarding this purpose, on the ashes resulted from Isalnita thermo-electric power station, it has been checked if through the tillage of the potato can be obtained proper productions and the ashes sweepment process is stopped. At different levels of fertilization, in each group of species, there have been obtained productions oscillating between 14.1 t/ha (Rustic species) and 34.0 t/ha (Nana species). Due to the vegetative mass of the potato, as well as to the covering degree of the field achieved through applying new adequate technologies, based on applying stable garbage and irrigation, is avoided the ashes sweepment process.