



Aspecte fiziologice și biochimice ale acțiunii factorilor stresogeni asupra plantulelor de floarea-soarelui

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There has been studied the influence of salinization with chlorides and sulfates, N-nitroso compounds and pesticides on some morphofiziological and biochemical processes at three genotypes of *Helianthus annuus* L.

The obtained results emphasize the unfavorable effect of studied factors under the growth and development of sunflowers plants. Thus, in initial stage of stress, action was established the slowing down of rhythm of growing plants, decrease of water contain and fresh biomass accumulated. At the same time in stage of cotyledon development was certified more quantity of dry biomass in plants, growing under stress conditions. Biochemical quantity analysis demonstrate the increase of watersoluble proteins and decrease of saline-soluble proteins under the action of all studied factors.