

Abstract

The research was based on morphological and physiological characterization of a range of eight hybrids of ornamental cabbage, as forms of cabbage leaves (*Brassica oleracea* var. *Acephala* DC). The research was conducted in 2011 in the experimental field of the Department of Vegetable, within USAMV to farm "Vasile Adamache". The aim of the research was to promote forms of ornamental cabbage studied to enrich knowledge of these varieties and their exploitation in landscape architecture. The results obtained showed the influence of hybrids and B factor (month) on plant height, influence of hybrids and B factor (month) to the number of leaves and vegetative mass dynamics of the species studied. Phenological observations reveal characteristics of each hybrid in the study, on the number of days for each phenophase. Plants showed a morphology that falls in botanical description of the species, allowing their proper development.

Key words: *Brassica oleracea* var. *acephala*, physiology, morphology.