

SEARCHING FOR PEAS MUTANTS WITH CHANGED MORPHOTYPE AND THEIR CHARACTERIZATION

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Regard of varied advantage and broad range of cultivation, peas can be include to the most important applied plants. Moreover some morphological and agrobotanical features need to be improve for purpose to gain a better crop. One of the trial methods to improve plants are induced mutations.

Material for research constitute two generation M_4 and M_5 mutants of peas taken from Piast variety. In vegetation period and after plant picking of M_5 generation and control plants it carried out morphological features measurement and crop structure. Results compared with M_4 generation. It gained a picture some variety of mutants line, taking into consideration of each analyse features. Values these features, comparing both generation were relative. It closed also 6 lines which analyzed molecular with the ISJ starters aid. They don't exposed polymorphism between searching lines.