Four more symbiotic mutants obtained using EMS mutagenesis of line SGE

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Previously we described isolation of series of symbiotic mutants [1] on laboratory line SGE [2]. In this study four new symbiotic mutants: SGENod$^-$-6, SGENod$^-$-7, SGEFix$^-$-3 and SGEFix$^-$-4 were obtained using EMS mutagenesis (0.15% EMS during 10 h) of line SGE. Mutant SGENod$^-$-6 is unable to form any nodules, mutant SGENod$^-$-7 forms few or no nodules. Mutants SGEFix$^-$-3 and SGEFix$^-$-4 form pink-greenish non-fixing nodules. Tests for allelism have revealed that mutant SGENod$^-$-6 is allelic to mutant E69 (*sym7*) [3], mutant SGEFix$^-$-3 is allelic to mutant P63 (*sym26*) [4, and G. Duc, M. Sagan, pers. comm.]. For mutants SGENod$^-$-7 and SGEFix$^-$-4 tests for allelism have not been completed yet.

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