

Comments :-

Reversion rate for phen-1 (UA 119) i.e. frequency of prototrophs (colonies 1 mm or larger in inositol-sorbose-agar ; incubation for 3 days at 30 C. is $10/10^5$ conidia.

Linkage with mating-type locus :- 4.8 % recombination of phen with mt in 300 random ascospores from the cross UA119 A x fluffy a (germination 60 %)

Crosses with other phen-1 alleles, H6196 (FGSC 492) and H3791 (FGSC 504) :- viability 15-20 %.

Prototroph frequencies (colonies 4-5 mm on sorbose-min. agar after 3 days at 30 C.) are between 0 and 0.015 per cent random ascospores, not distinguishing between recombinants and some sort of reversions.

Phenotypic variations of ascospore colonies very frequent as compared to the parents in these crosses

We maintain the culture routinely on minimal medium agar supplemented with inositol (15 mg/L.) and trypt-ophan (50 mg/L.) The culture has a distinct pale colour as compared to the parent inos strain.