

Efficiency of Conversion of Virulent
Strains to Hypovirulent in the Host
and in the Laboratory

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Efficiency of conversion is low on plain agar media unless strains paired are in the same, or closely related, vegetative compatibility groups. Efficiency is much better on the surface of cellophane over agar media. A single hypovirulent strain and 50 different normal strains were paired on cellophane and in the host; 25 of the 50 vegetative compatibility types were converted at least once on cellophane, compared to 37 of 50 in trees.