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Twelve isolates of *Phytophthora infestans* were assessed for speed of indirect germination. The isolates represented five individuals from central Mexico, one representative of the US11 lineage and six individuals from a recombinant population of *P. infestans* from upstate New York, collected in 2010 and 2012. Compared to US11 (with a germination rate of about 7% after 30 min), several isolates from the upstate NY population and from central Mexico germinated very much more rapidly (germination rates greater than 15% after 30 min) than did US11. Two isolates from central Mexico appeared to germinate very slowly, with only 15-18 % total germination after two hours. However, after 24 hours, these two isolates achieved a total germination rate of about 70%. Diversity in the rate of indirect germination might affect selection under conditions when the duration of free water on leaf surfaces is limited.

