Melanoplus kennicotti is found in open meadows at moderate elevations in Wyoming mountains. It prefers dry grassy areas with coarse soil. The life cycle of this grasshopper is not known in Wyoming but it is assumed that the eggs overwinter in the soil. Adults are present in late July and August. Populations can be high in localized areas, but because it is found in limited habitat at higher elevation it is not considered an economically damaging species in Wyoming.

Ref: Capinera and Sechrist 1982.