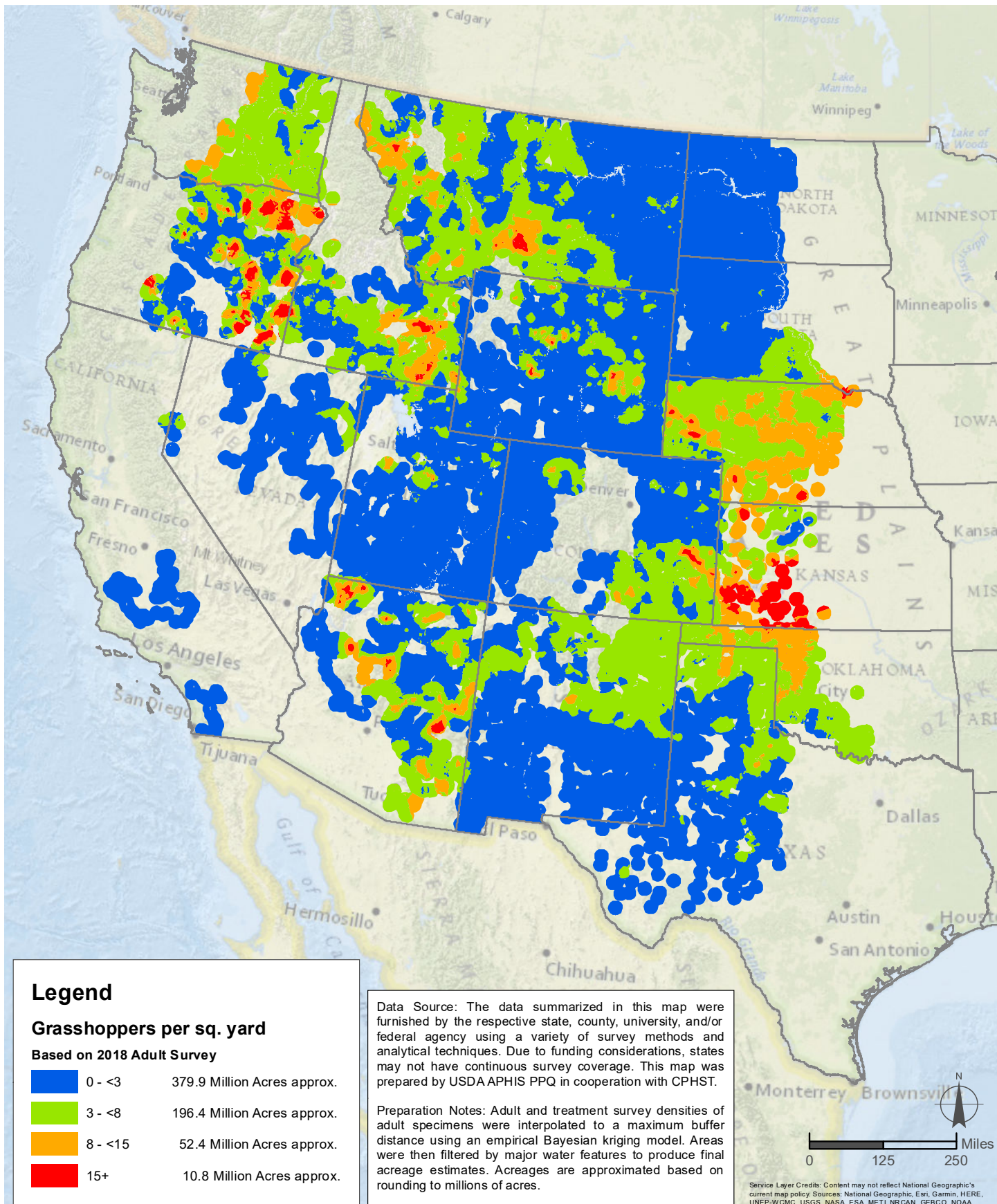


2019 Rangeland Grasshopper Hazard



Legend

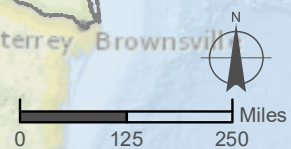
Grasshoppers per sq. yard

Based on 2018 Adult Survey

■	0 - <3	379.9 Million Acres approx.
■	3 - <8	196.4 Million Acres approx.
■	8 - <15	52.4 Million Acres approx.
■	15+	10.8 Million Acres approx.

Data Source: The data summarized in this map were furnished by the respective state, county, university, and/or federal agency using a variety of survey methods and analytical techniques. Due to funding considerations, states may not have continuous survey coverage. This map was prepared by USDA APHIS PPQ in cooperation with CPHST.

Preparation Notes: Adult and treatment survey densities of adult specimens were interpolated to a maximum buffer distance using an empirical Bayesian kriging model. Areas were then filtered by major water features to produce final acreage estimates. Acreages are approximated based on rounding to millions of acres.



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