Patrick Lawrence, Tyler Brummer, Bruce D Maxwell and Lisa J Rew.

Prioritizing weed control: why and how to create predictive maps.

Land managers often collect data on the location of invasive plant species over a number of years, but rarely do they have enough resources to survey their entire area of interest We have developed a method that uses this small amount of data to create risk maps and more efficiently find invasive populations. This approach requires minimal data manipulation by land managers and can be completed online using our web application. In short, the risk maps enable a manager to prioritize areas at highest risk from invasive plants and concentrate control efforts in those areas.