Susceptibility Potential is the sum of an equal weighted overlay of:

The "Introduction Potential and "Establishment Potential

This one-kilometer resolution data is intended to be used to
develop a detection strategy for monitoring *Sirex noctilio*.
http://www.fs.fed.us/foresthealth/technology/invasives_sirexnoctilio_riskmaps.shtml

*Introduction Potential is determined by the locations of the:*  
- Ports that handle commodities with solid wood packing materials shipped from countries
  where *Sirex noctilio* exists.
- Distribution centers
- Markets

**Establishment Potential is determined by:**  
- Pine basal area
- Presence of susceptible host
- Soils Wetness Dryness Index
- Plant Hardiness


The sample area theissen polygons shown here are created by intersecting the risk, by category, with a systematic sampling point grid. To attain higher levels of certainty in the higher risk categories, sample areas are intensified where risk of susceptibility is highest.