



# Pollinator Fact Sheet

- 1) A single honeybee worker produces about 1/12<sup>th</sup> of a teaspoon of honey in her lifetime
- 2) The queen is the busiest in the summer months, when the hive needs to be at its maximum strength, and lays up to 2000 eggs per day.
- 3) 1 out of every 3 bites is pollinated. Cross-pollination helps at least 30% of the world's crops and 90% of our wild plants to thrive.
- 4) Since 2006, beekeepers in the United States have seen colony loss rates increase to an average of 30% each winter, compared to historical loss rates of 10 to 15%.
- 5) Because the honeybee was completely wiped out in Sichuan, China, people hand pollinate fruit trees.
- 6) The European Union has passed moratorium banning three neonicotinoid pesticides which have been implicated in large-scale bee deaths and Colony Collapse Disorder.
- 7) Neonicotinoids or "Neonics" are the most widely used pesticide in the world.
- 8) Neonics are linked to weakening the immune system in bees, making them more susceptible to pathogens passed to them by the Varroa mite.
- 9) Neonics are linked to adversely affecting the development of neurons and brain structures associated with functions such as learning and memory in mammals.
- 10) A recent study conducted by the USGS found large quantities of neonics in surface water in corn and soybean producing regions in the United States.