

Neonicotinoid Seed Coatings: Scope & Consequences

Neonicotinoids ("neonics") are the most widely used class of insecticides in the world. Neonics are linked to weakening the immune system in bees, making them more susceptible to pathogens and contributing to their decline.

http://www.toxicfreenc.org/



Over 90% of corn in the United States is planted with neonic-coated seeds.



Over 50% of soybeans in the U.S. are planted with neonic-coated seeds.



Neonics are used on over 50% of cotton planted in the U.S.

Water Contamination by Neonics

NO government agencies are testing for neonicotinoids in North Carolina waterways.

Neonics Lost as Dust Off

2%

Crop Absorption

2%

Soil & Water Absorption 96%



Average NC bee decline in 2015/2016

Honey Bee Decline



Average NC bee decline in 2010/2011

35%

15%

Acceptable loss according to beekeepers

Average NC bee decline from 2010-2016