

Estimated Annual Agricultural Pesticide Use for Counties of the Conterminous United States, 1992–2009

Data Series 752

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By Wesley W. Stone

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**U.S. Department of the Interior
U.S. Geological Survey**

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KEN SALAZAR, Secretary

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Suzette M. Kimball, Acting Director

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Contents

Abstract.....	1
References Cited.....	1

Tables

[Tables are provided in separate downloadable files]

1–7. EPest-high county pesticide-use estimates, by pesticide name:

1. 2, 4-D through Chlordimeform
2. Chlorethoxyfos through Diflufenzopyr
3. Dimethenamid through Gibberellic acid
4. Glufosinate through Metiram
5. Metolachlor through Propazine
6. Propiconazole through Triazamate
7. Tribenuron methyl through Zoxamide

8–14. EPest-low county pesticide-use estimates, by pesticide name:

8. 2, 4-D through Chlordimeform
9. Chlorethoxyfos through Diflufenzopyr
10. Dimethenamid through Gibberellic acid
11. Glufosinate through Metiram
12. Metolachlor through Propazine
13. Propiconazole through Triazamate
14. Tribenuron methyl through Zoxamide

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Abstract

This report provides estimated annual agricultural pesticide use for counties of the conterminous United States for 459 compounds from 1992 through 2009 following the methods described in Thelin and Stone (2013). As described in Thelin and Stone (2013), U.S. Department of Agriculture county-level data for harvested-crop acreage were used in conjunction with proprietary Crop Reporting District (CRD)-level pesticide-use data to estimate county-level pesticide use. Estimated pesticide use (EPest) values were calculated with both the EPest-high and EPest-low methods. The distinction between the EPest-high method and the EPest-low method is that there are more counties with estimated pesticide use for EPest-high compared to EPest-low (Thelin and Stone, 2013). The estimates of annual agricultural pesticide use are provided in tab-delimited files and organized by compound, year, state Federal Information Processing Standard (FIPS) code, county FIPS code, and kg (amount in kilograms).

EPest-high county pesticide-use estimates were divided into tables 1 through 7 by pesticide name:

- Table 1: 2, 4-D through Chlordimeform
- Table 2: Chlorethoxyfos through Diflufenzopyr
- Table 3: Dimethenamid through Gibberellic acid
- Table 4: Glufosinate through Metiram
- Table 5: Metolachlor through Propazine
- Table 6: Propiconazole through Triazamate
- Table 7: Tribenuron methyl through Zoxamide

EPest-low county pesticide-use estimates were divided into tables 8 through 14 by pesticide name:

- Table 8: 2, 4-D through Chlordimeform
- Table 9: Chlorethoxyfos through Diflufenzopyr
- Table 10: Dimethenamid through Gibberellic acid
- Table 11: Glufosinate through Metiram
- Table 12: Metolachlor through Propazine
- Table 13: Propiconazole through Triazamate
- Table 14: Tribenuron methyl through Zoxamide

References Cited

- Thelin, Gail P., and Stone, Wesley W., 2013, Estimation of annual agricultural use of 39 pesticides for counties of the conterminous United States, 1992–2009: U.S. Geological Survey Scientific Investigations Report 2013–5009, 54 p.

