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Natural
Resources
Conservation
Service

June 2003

Costs Associated with Development and Implementation of Comprehensive Nutrient Management Plans

Daniel E. Meyer

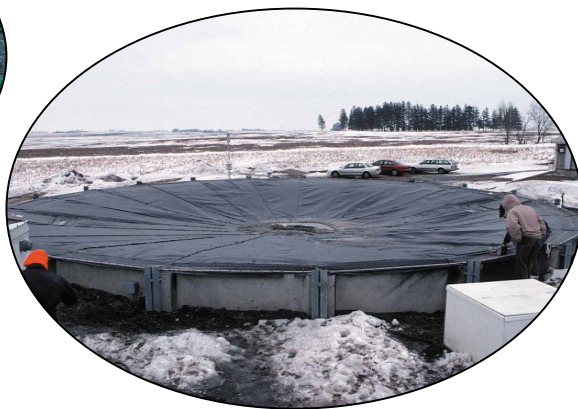
Natural Resource Specialist

Natural Resources Conservation Service

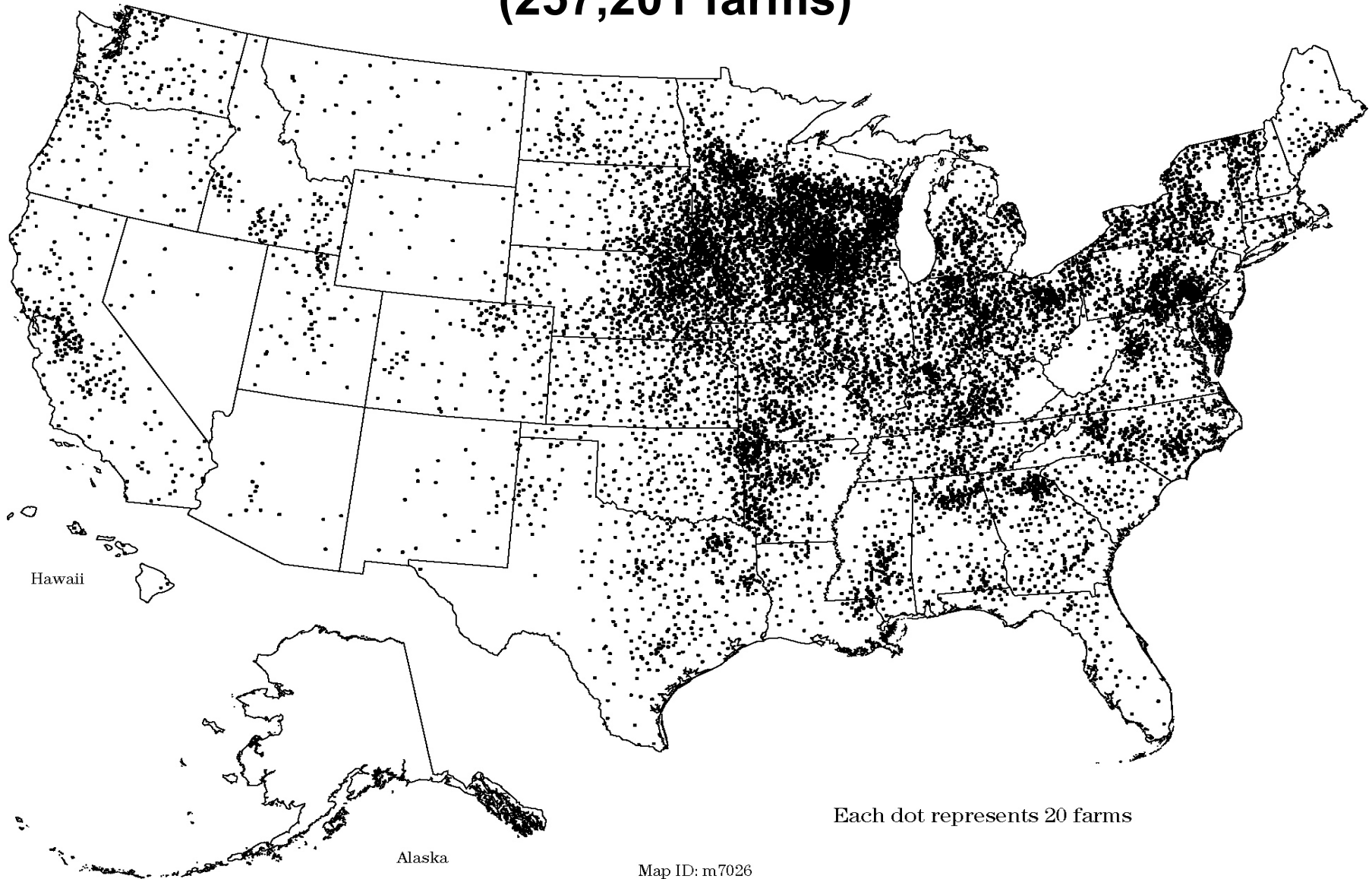
Agricultural Outlook Forum 2004



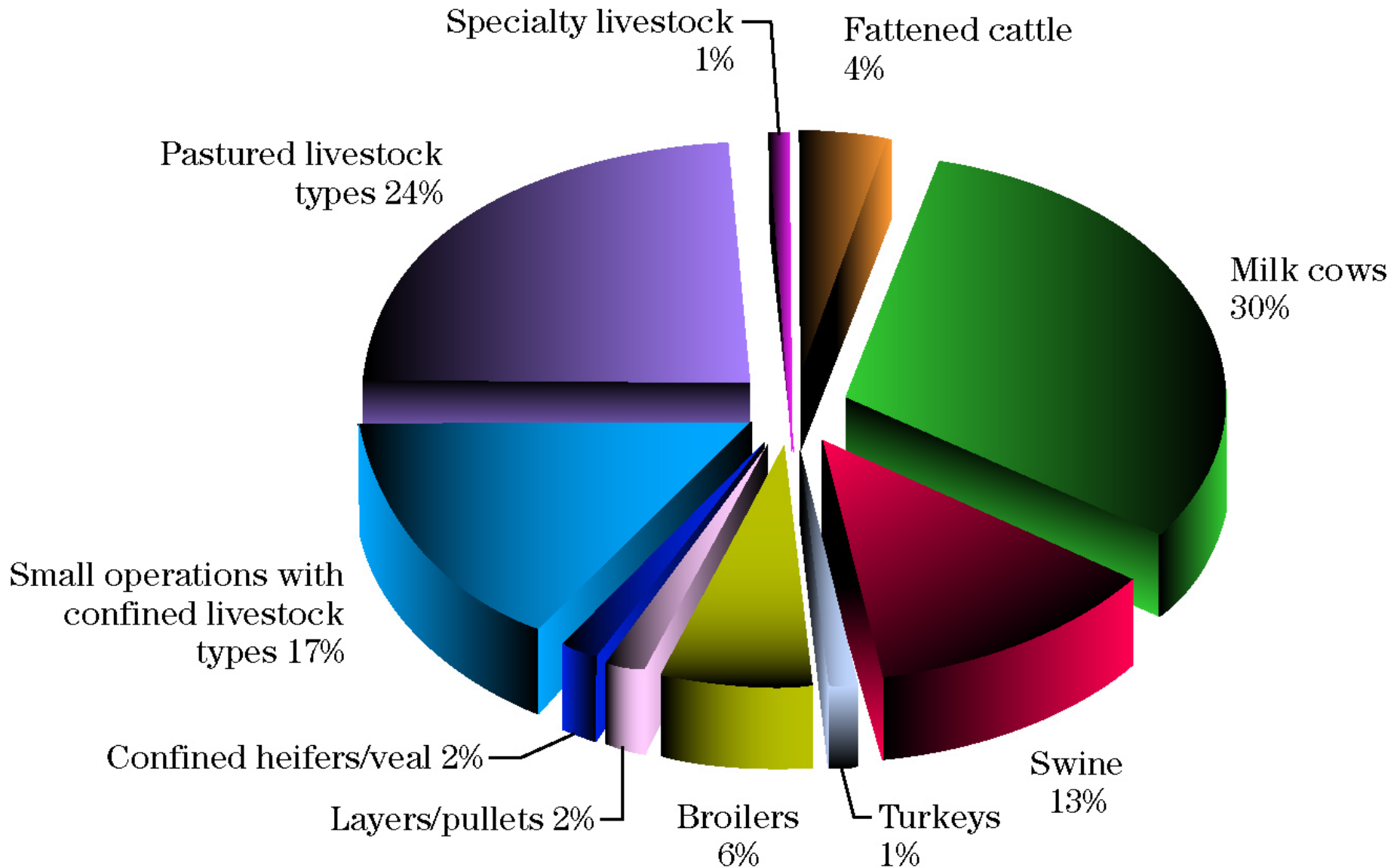
What is a CNMP?



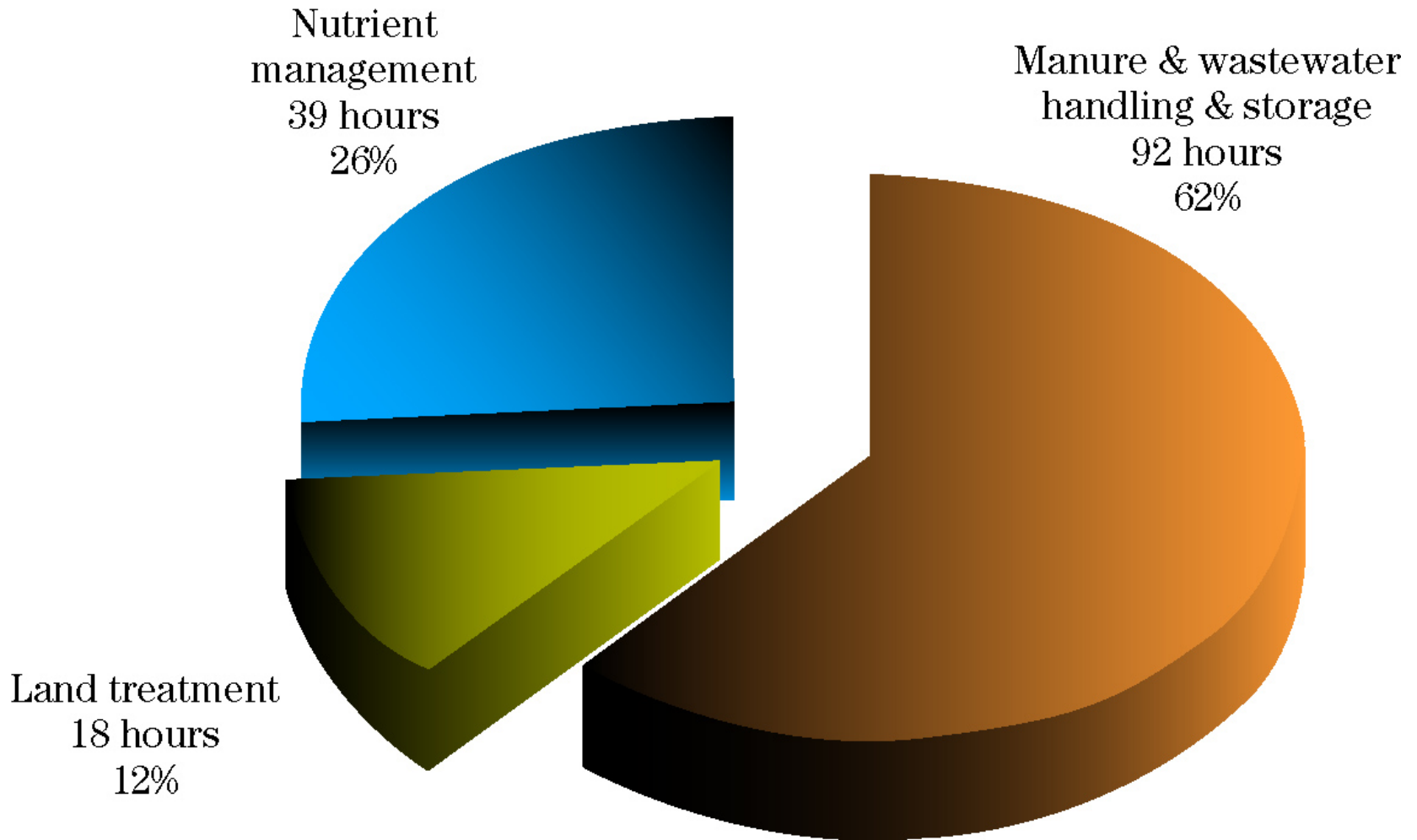
Livestock Operations Potentially Needing CNMPS (257,201 farms)



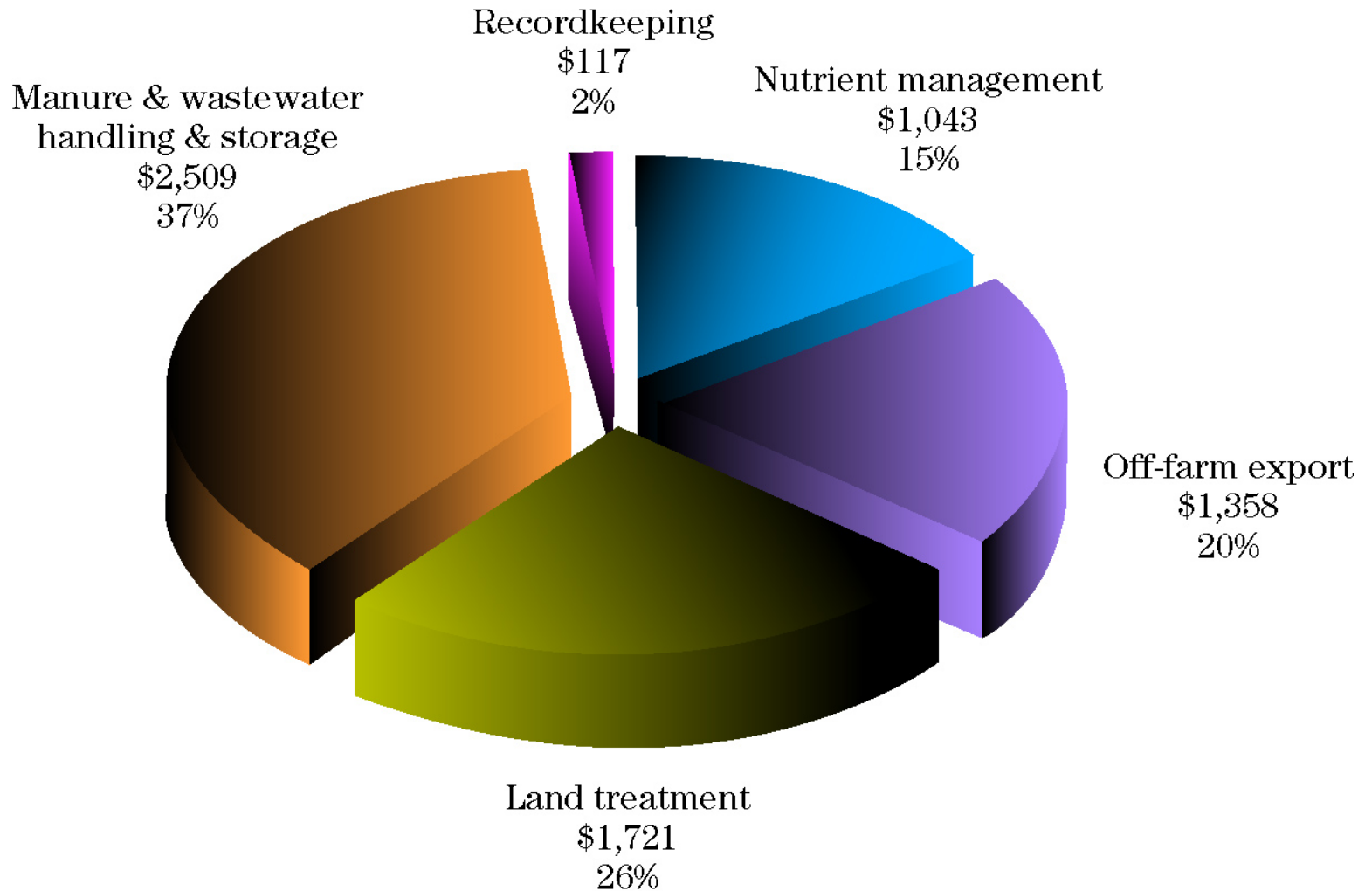
Distribution of Operations Needing CNMPs



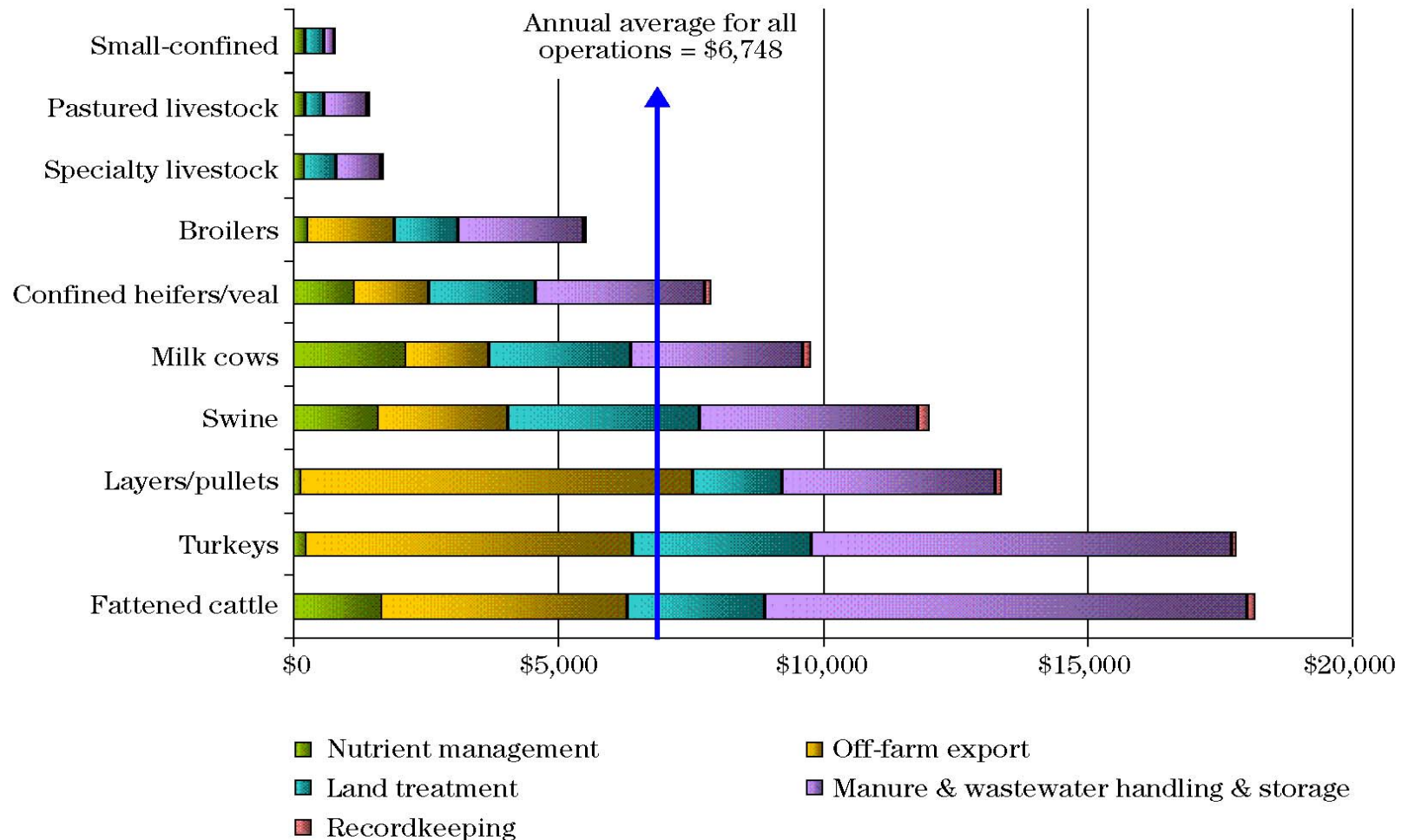
Average Development Cost (Technical Assistance) (149 hours per CNMP)



Annual Average Implementation Cost, by CNMP Element



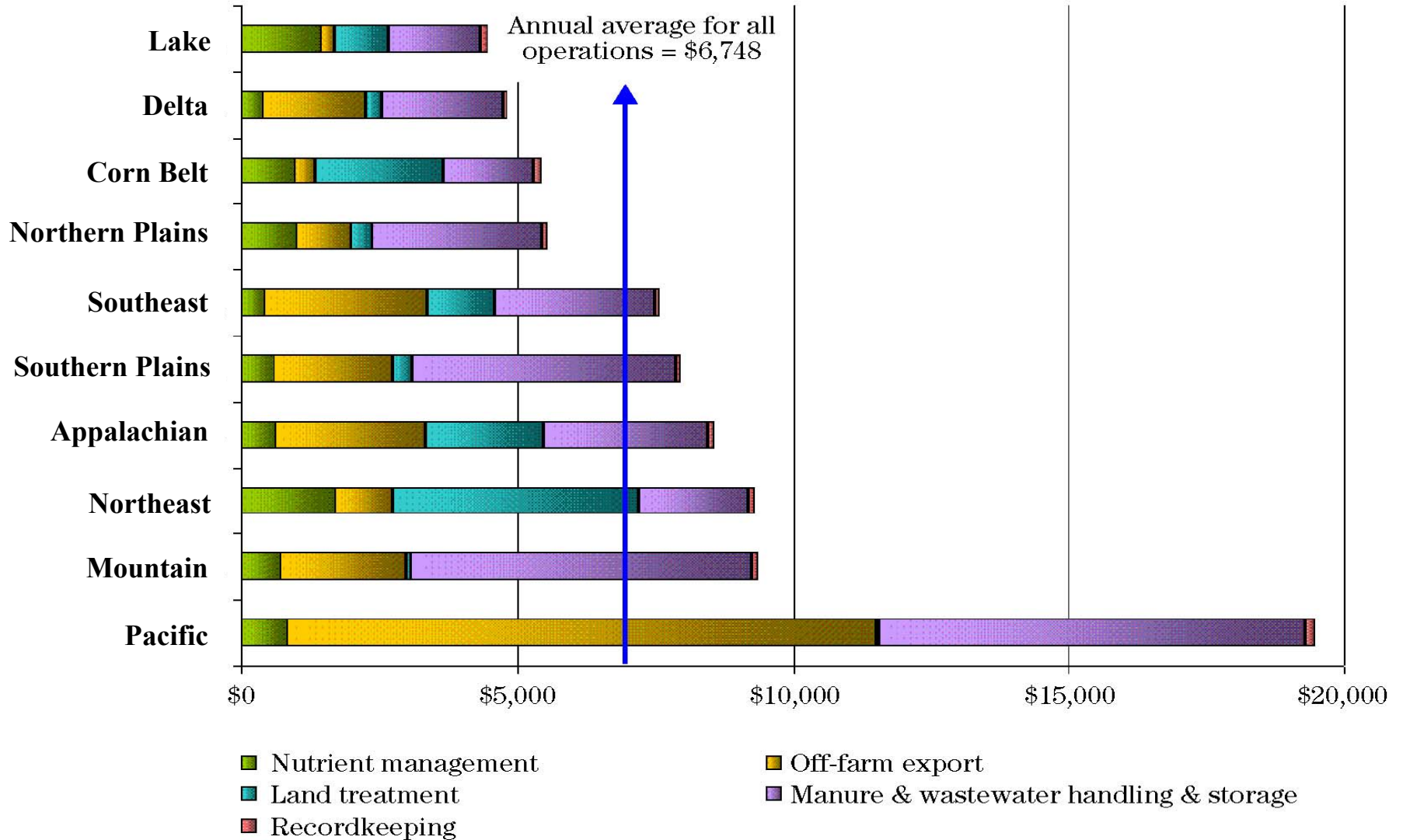
Annual Average Implementation Costs, by Livestock Type



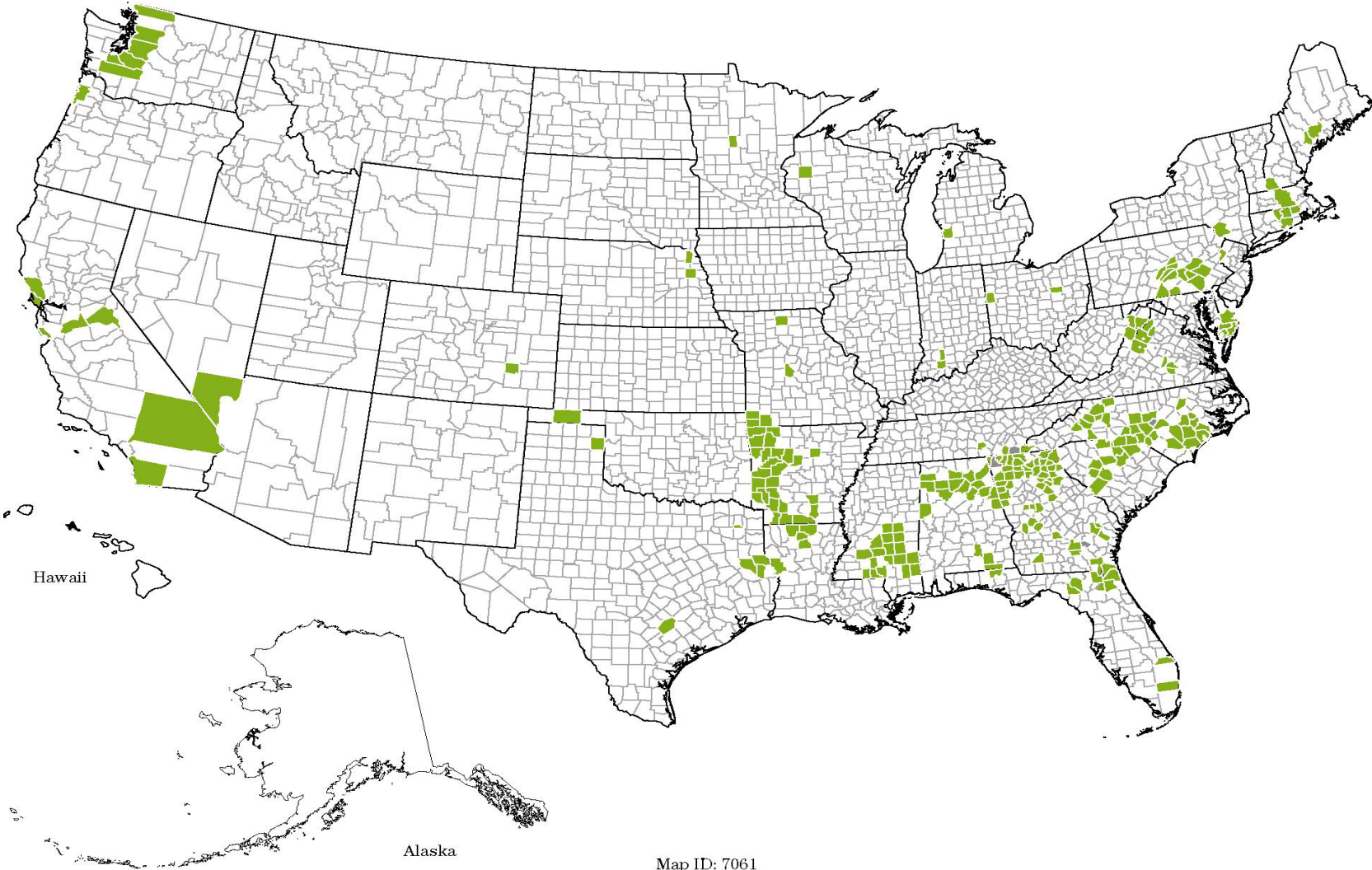
CNMP Implementation Costs by Size of Operation

| Operation size | Number of operations | Percent of operations needing CNMPs | Average Annual cost per operation | Average annual per animal unit cost | Percent CNMP implementation costs |
|-----------------------|-----------------------------|--|--|--|--|
| Small | 198,018 | 77 | \$3,775 | \$47 | 43 |
| Medium | 39,437 | 15 | \$9,810 | \$39 | 22 |
| Large | 19,746 | 8 | \$30,465 | \$21 | 35 |
| Total | 257,201 | 100 | \$6,748 | \$32 | 100 |

Annual Average Implementation Costs, by Region



Counties With Excess Manure After CNMPs are Implemented





United States
Department of
Agriculture

Thank You

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