

CSREES Air Quality Program

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National Program Leader

February 28, 2006



USDA-CSREES Air Quality Research Investments

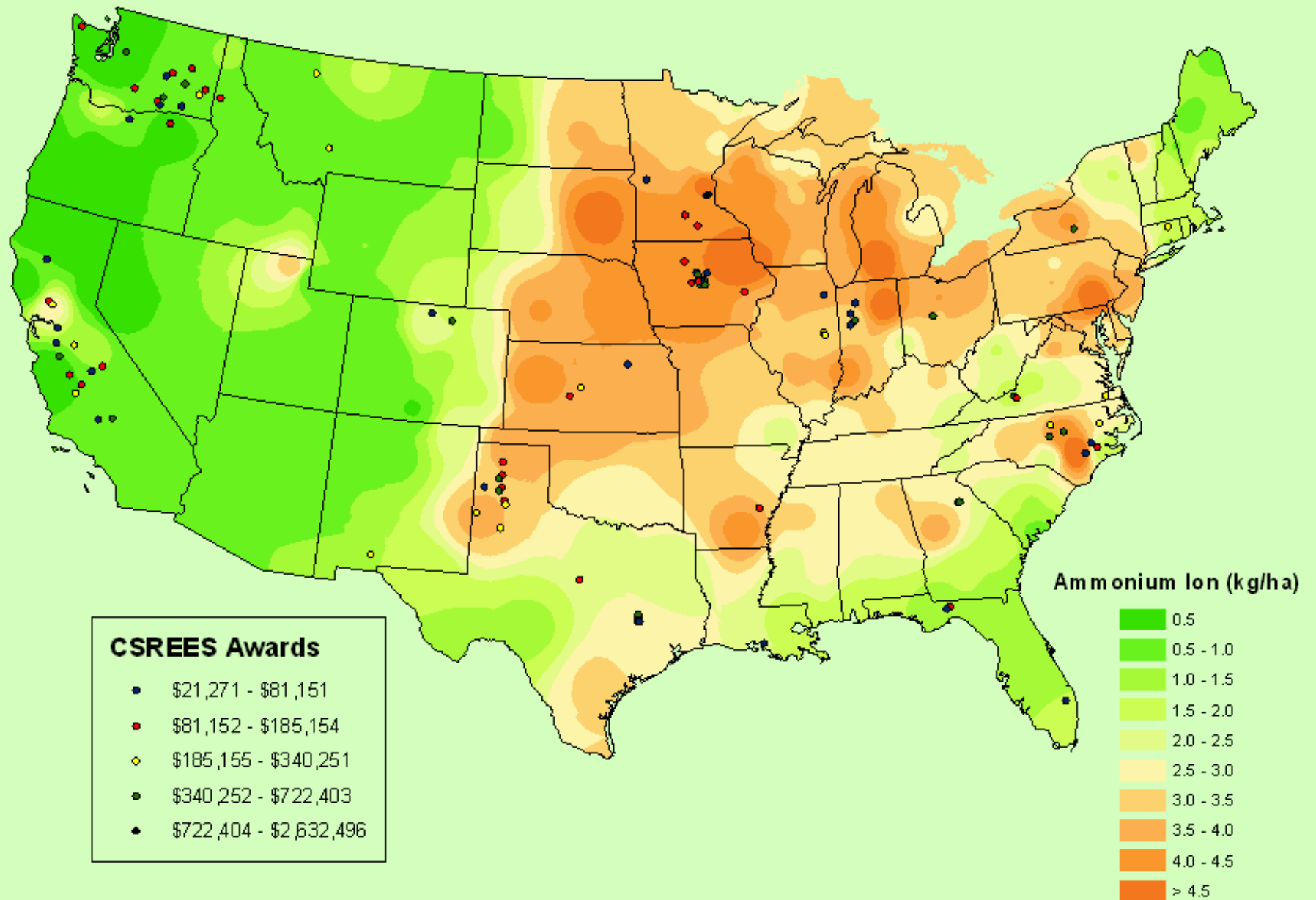
	<u>2005</u>	<u>2006</u>	<u>2007</u>
NRI	5,300,000	4,970,000	4,970,000
SBIR	318,959	?	?
Hatch	~2,073,000	>2,073,000	>2,073,000
Multi-state	(~975,765)	(>975,765)	(>975,765)
Special Grants	2,148,878	3,247,200	*0
CA-1	(374,099)	(396,990)	0
WA	(362,120)	(383,130)	0
TX	(835,769)	(1,558,260)	0
IA	(248,164)	(263,340)	0
PA	(328,726)	(348,480)	0
CA-2		(297,000)	0
Total	\$9,840,837	\$10,290,200	\$7,043,000

*Special grants have been zeroed-out in the President's budget

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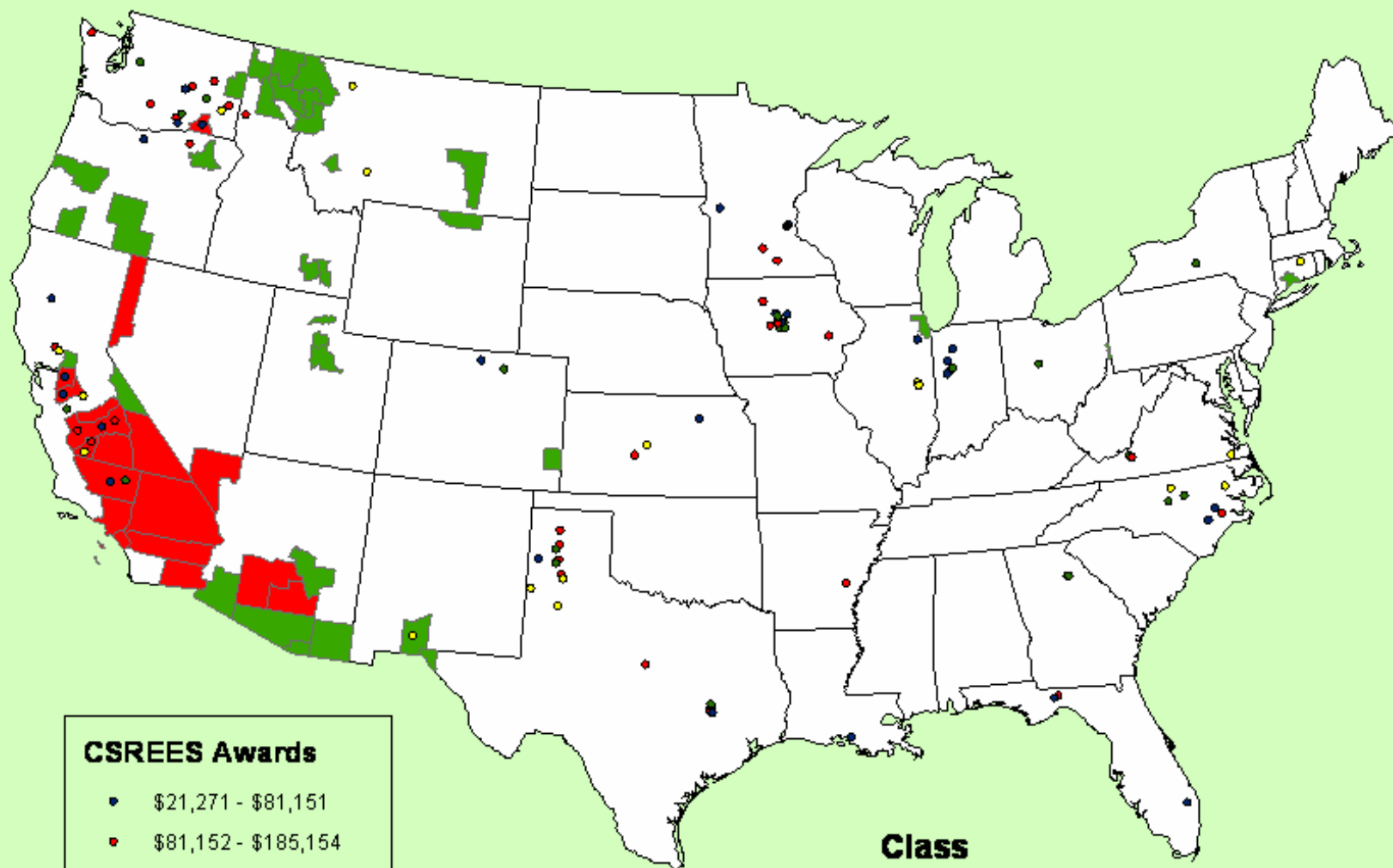


Ammonium Ion Wet Deposition - 2004



Data Source: <http://nadp.sws.uiuc.edu/maps/2004/>

Non-Attainment Areas PM-10

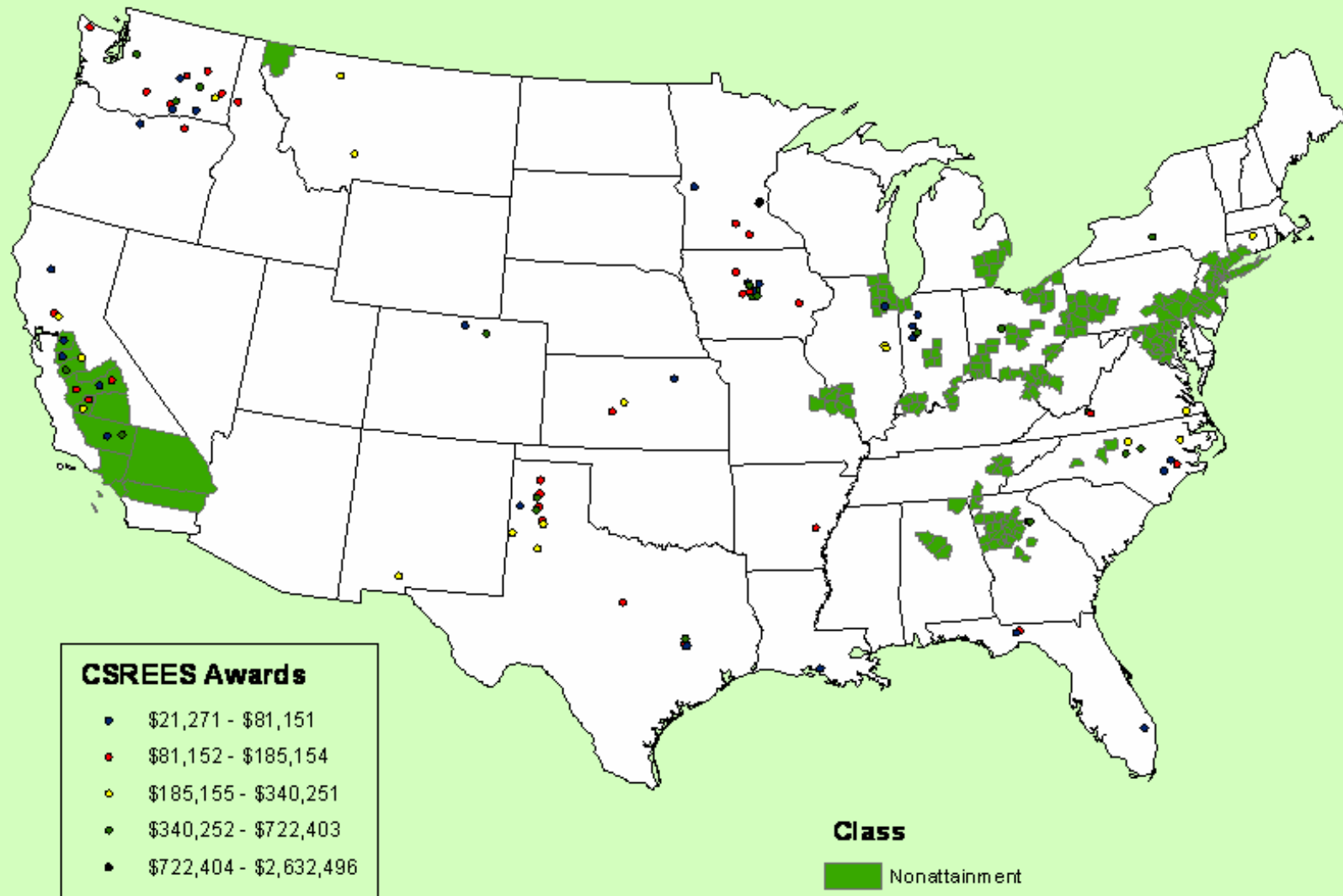


CSREES Awards	
•	\$21,271 - \$81,151
•	\$81,152 - \$185,154
•	\$185,155 - \$340,251
•	\$340,252 - \$722,403
•	\$722,404 - \$2,632,496

Class	
■	Moderate
■	Serious

Data Source: <http://www.epa.gov/oar/oaqps/greenbk/>

Non-Attainment Areas PM-2.5



Data Source: <http://www.epa.gov/oar/oaqps/greenbk/>

NRI Air Quality Program

- Application Due Date - June 15, 2006
- Award Size – up to \$500,000 for 2-4 yrs
- Eligibility – All universities and federal research labs
- Integrated program – integrates research, education, and extension
- 60% integrated / 40% research (\$4,970,000)
- 24% success rate in 2005

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2006 NRI Air Quality Program Emphasis Areas

- Emission data from production practices – particulates, gases/odors
- Improved measurement protocols/instrumentation for within field and edge of field boundaries
- Practices for mitigating emissions
- Fate and transport of emitted particulates and gases

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National Air Quality Workshop



- Annual all-investigator meeting
- Presentations on the web and CD to PIs and stakeholders
- Special journal issue on agricultural air quality
- Review document for the National Academy of Science

<http://esa.org/AirWorkshop/>

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Questions

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<http://www.csrees.usda.gov/airquality.html>

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