



EPA UPDATE

Agricultural Air Quality Task Force

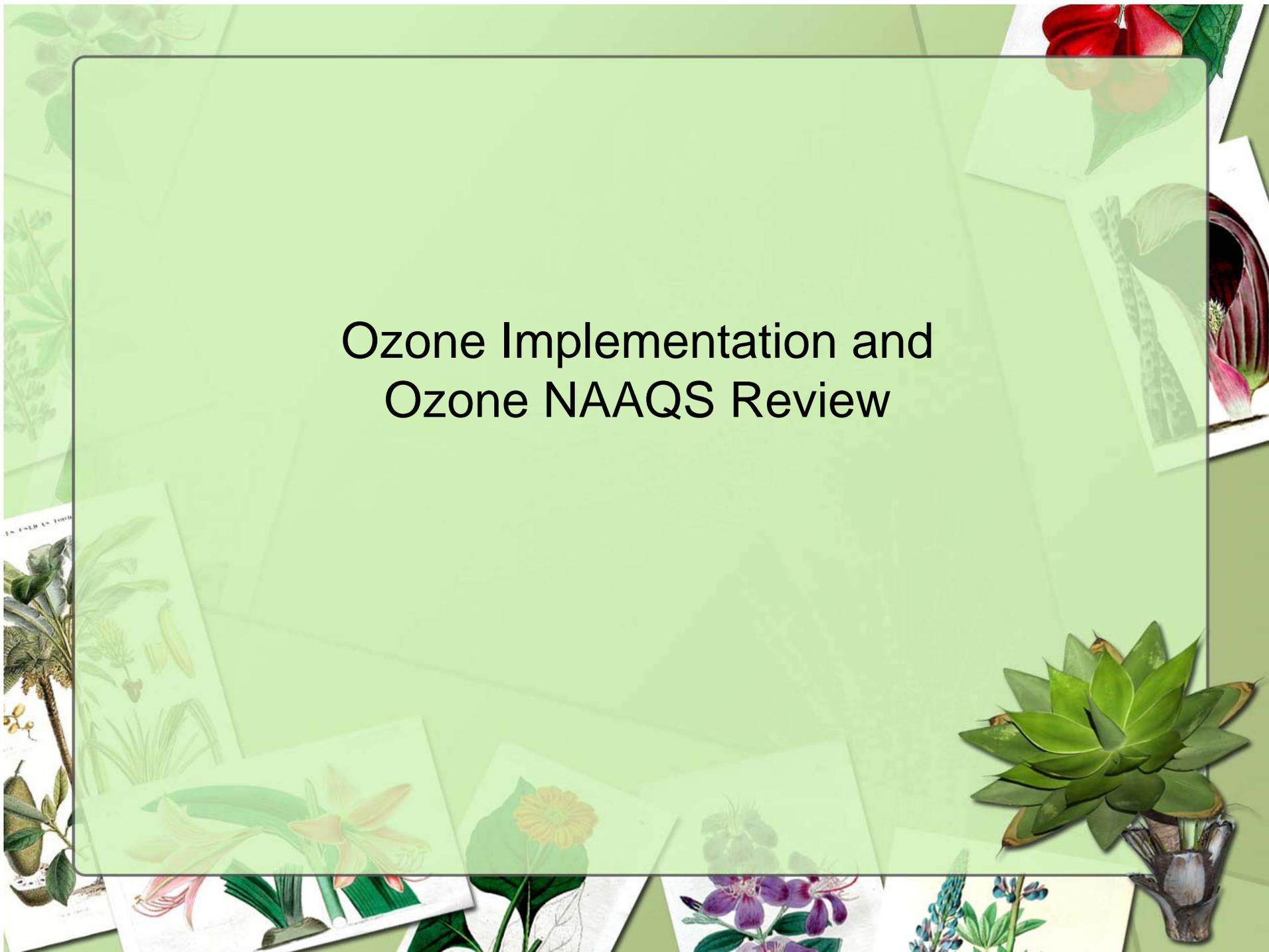
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Topics of Discussion

- Ozone implementation/NAAQS review
- HAP Listing
 - Hydrogen sulfide
 - Diesel exhaust
- AFO consent agreement/monitoring study
- ASAP

Ozone Implementation and Ozone NAAQS Review



Ozone Implementation Schedule

Date	Action
April, 04	EPA issued final designations & final phase I implementation rule
June 15, 04	Effective date of designations
Nov 9, 05	Final phase 2 implementation rule signed
June 15, 06*	RACT SIPs due
June 15, 07*	Ozone attainment demonstration SIPs due
2007-2024	Range of attainment dates

*proposed

Phase 1 Ozone Implementation Rule

- Classifications for the 8-hour standard designations
- Revocation of the 1-hour standard and the Clean Air Act's anti-backsliding provisions
- Attainment dates and attainment date extensions
- Timing of emissions reductions needed for attainment

Phase 2 Ozone Implementation Rule

- Outlines emissions control and planning requirements for States to meet the 8-hr standard
- Requires States to demonstrate through modeling that nonattainment areas will attain the 8-hr standard as expeditiously as possible
- Demonstrations must include data on RACT and RACM
- Includes a requirement that certain areas now using cleaner-burning reformulated gasoline must continue until they meet the 8-hr standard and designated as attainment

Phase 2 Ozone Implementation Rule - cont

- On website:

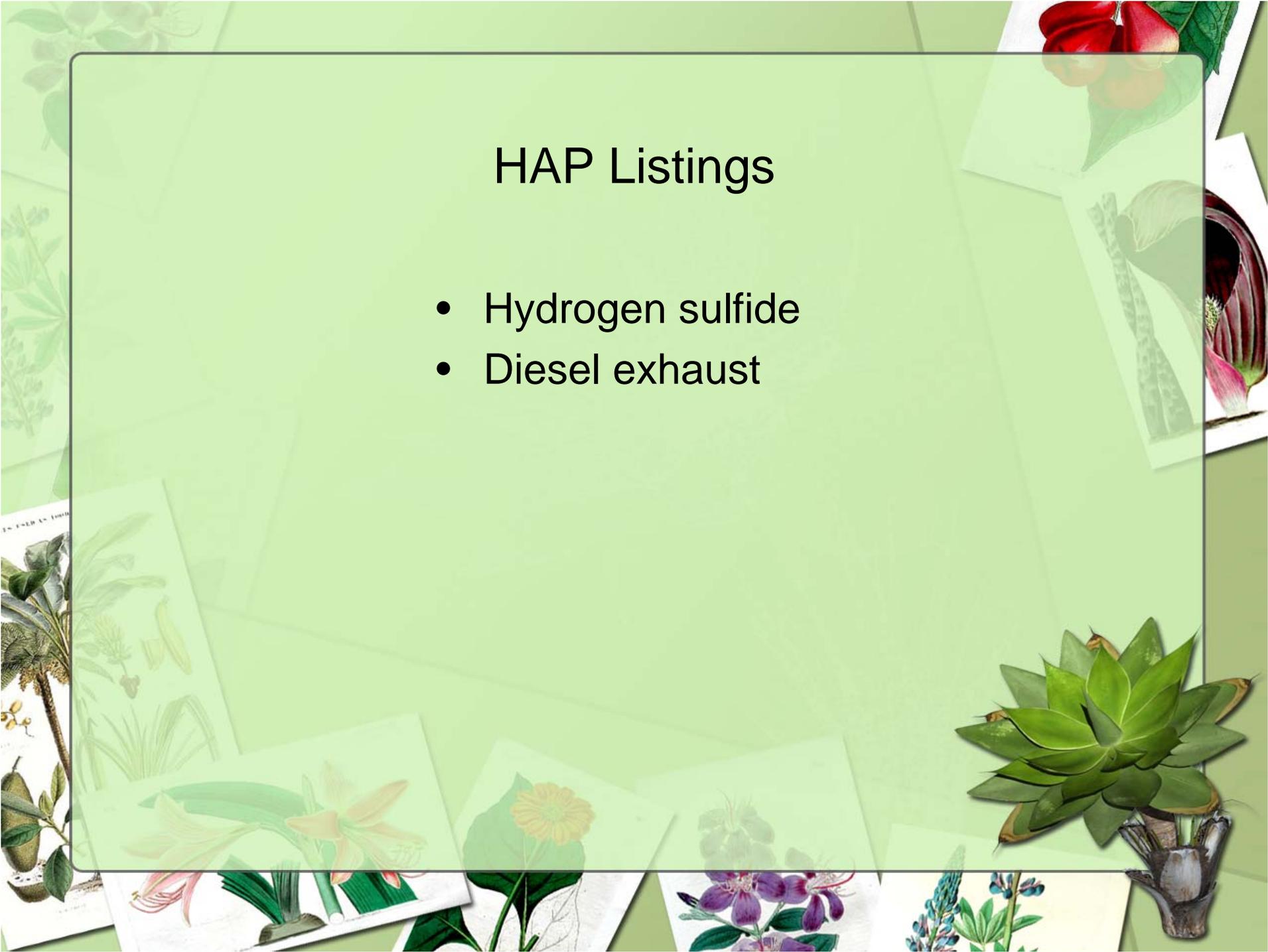
<http://www.epa.gov/ozonedesignations/regs.htm>

Ozone NAAQS Review Schedule

Date	Action
Nov 14, 05	EPA issues Staff Paper to public and CASAC
Dec 6-8, 05	CASAC meeting
Feb 28, 06	Final Criteria Document
Sep 30, 06	Final Staff Paper
Mar 31, 07	Ozone NAAQS Proposed Rule
Dec 20, 07	Ozone NAAQS Final Rule

HAP Listings

- Hydrogen sulfide
- Diesel exhaust



The background of the slide is a light green color with a collage of various botanical illustrations and photographs. On the left, there are several overlapping images of plants, including a large green leafy plant, a yellow flower, and a purple flower. On the right, there is a prominent image of a succulent-like plant with thick, green, pointed leaves in a small pot. At the top right, there are images of red flowers and a dark purple flower. The overall theme is botanical and natural science.

Animal Feeding Operation Consent Agreement and Monitoring Study

AFO Consent Agreement/Monitoring Study

- Focuses on three AFO sectors
 - Swine
 - Poultry
 - Dairy
- Types of operations
- Regional representation of AFO
- Number of farms monitored depends on the number and type of participating AFO

Where are we in the process?

- Preparing for approval of the agreements by the Environmental Appeals Board (EAB)
- Pending approval of the Independent Monitoring Contractor and Science Advisor
 - Purdue University - IMC
 - Dr. Al Heber, Purdue University – SA
- Entering Farm Information Data Sheet into a database

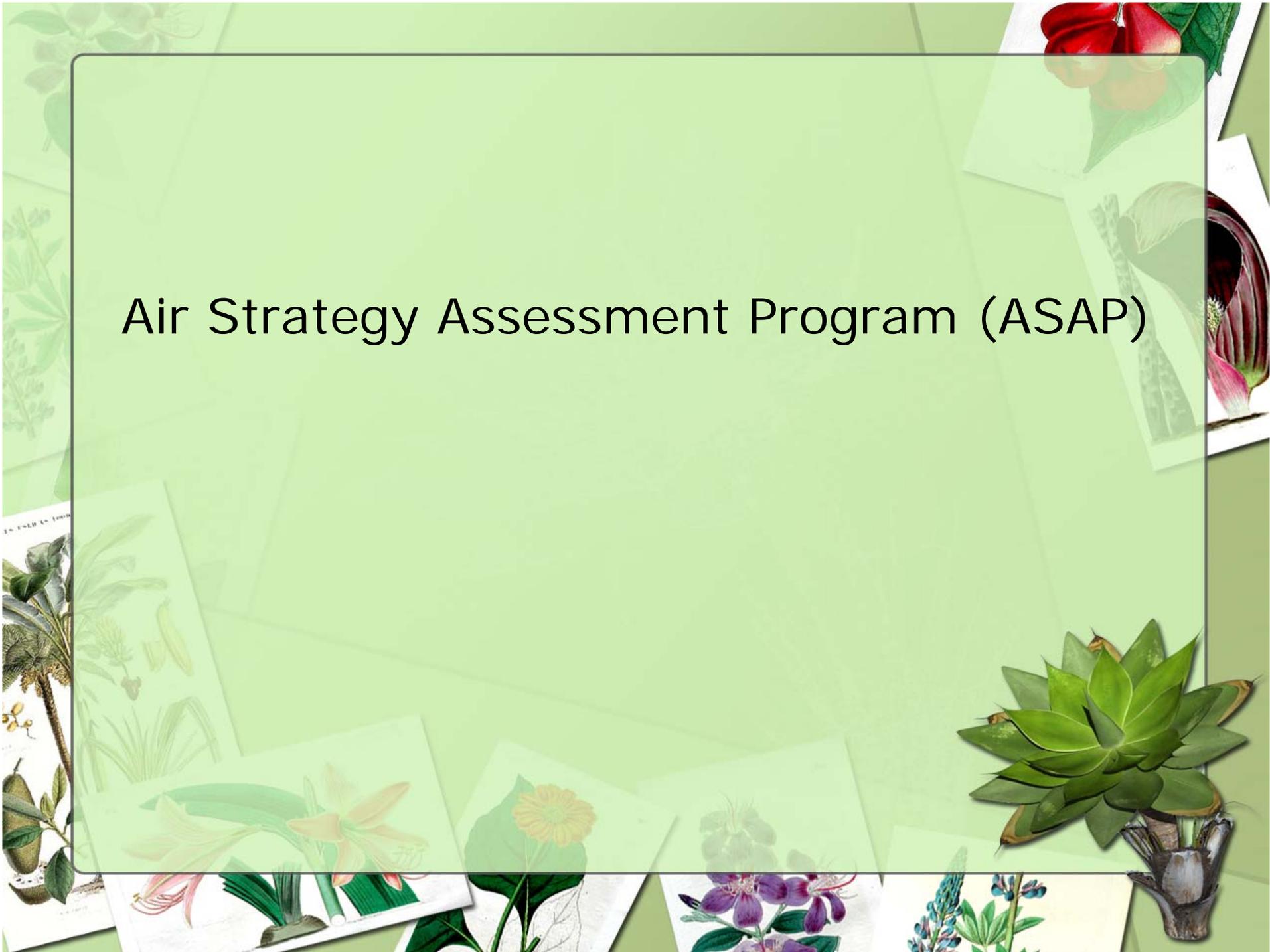
Data Summary as of 11/4/2005

- Number of Agreements in database - 2388
- Number of farms within Consent Agreement - 5679
- Separate handout:
 - Table 1 - Summary of AFO Consent Agreements Submissions in Database
 - Table 6 - Number of Farms per State

Next Steps

- Emission estimating methodologies will be published within 18 months after completion of the monitoring study
- Actual guidance and/or regulations will be a 3-to-5 year process, but will be concurrently developed with the monitoring study under the consent agreement

Air Strategy Assessment Program (ASAP)



What is ASAP?

- ASAP is a PC-based screening tool that:
 - Identifies and compares the cost effectiveness of alternative multipollutant emissions control strategies
 - Assesses air quality and health impacts of emissions reductions for source sectors
 - Compares costs and benefits across control strategies
- ASAP is used via a user-friendly graphical interface with a report generator to review, interpret, and share outputs

What is ASAP? - cont

- ASAP is an integrated tool that links 3 analytical components:
 - AirControlNET – existing tool that evaluates multipollutant control strategies (emissions reductions and costs)
 - Response Surface Model – new tool for predicting the air quality impacts of emissions reductions
 - BenMAP – existing model that calculates health benefits associated with air quality improvements

ASAP Now and Into the Future

- Current
 - Develop demo version of ASAP for conducting ozone assessments for Eastern US (Aug 2005)
- Near-Future
 - Develop PM version of ASAP for national assessments as part of PM NAAQS review proposal regulatory impact analysis (Dec 2005)
 - Develop multipollutant version for final PM NAAQS review regulatory impact analysis (Fall 2006)