

US EPA ARCHIVE DOCUMENT



Data
Logic
Knowledge

Crop Data Management Systems, Inc. (CDMS)

Company Profile

- **Founded in 1983**
- **100% Digital, Electronic and Standardized**
- **International Client Base**
- **Global Database Exposure**
- **Located in Enterprise Zone**
- **Privately Held**

We are the leading provider of **data**, information and **knowledge-based** technologies to the **agri-business** and **food industries**. Our products and services provide **critical** information and **analysis** that drive decisions and shape strategies.

- **CDMS is the largest supplier and disseminator of web-based labeling, free or fee, in the United States**
- **CDMS hosts 8 of the top 10 agro-chemical company web sites for labels and MSDS**
- **CDMS hosts 19 of the top 25 agro-chemical company web sites for labels and MSDS**

- **Agro-Chemical**

Delivering the most comprehensive market access to critical agro-chemical information facilitating on-demand product distribution, utilization and regulatory compliance.

- **Agro-Chemical Use & Distribution**

Decision support in the process of recommending, applying and monitoring the use of agro-chemical products, supporting enhanced risk management and conformance to best practices.

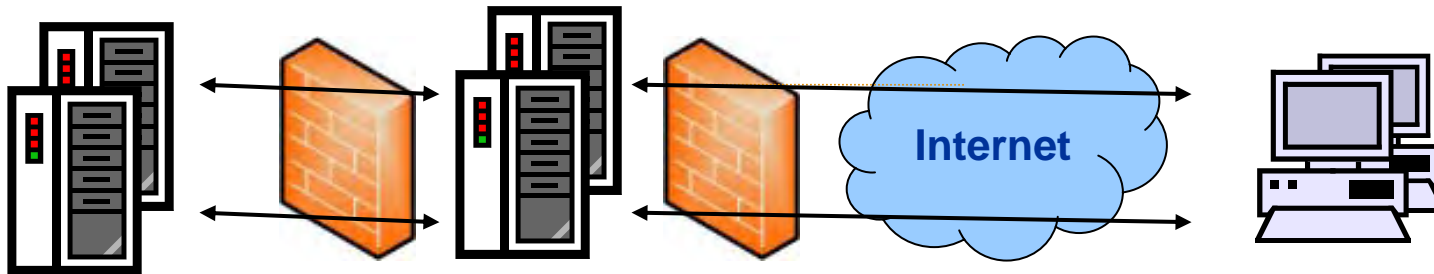
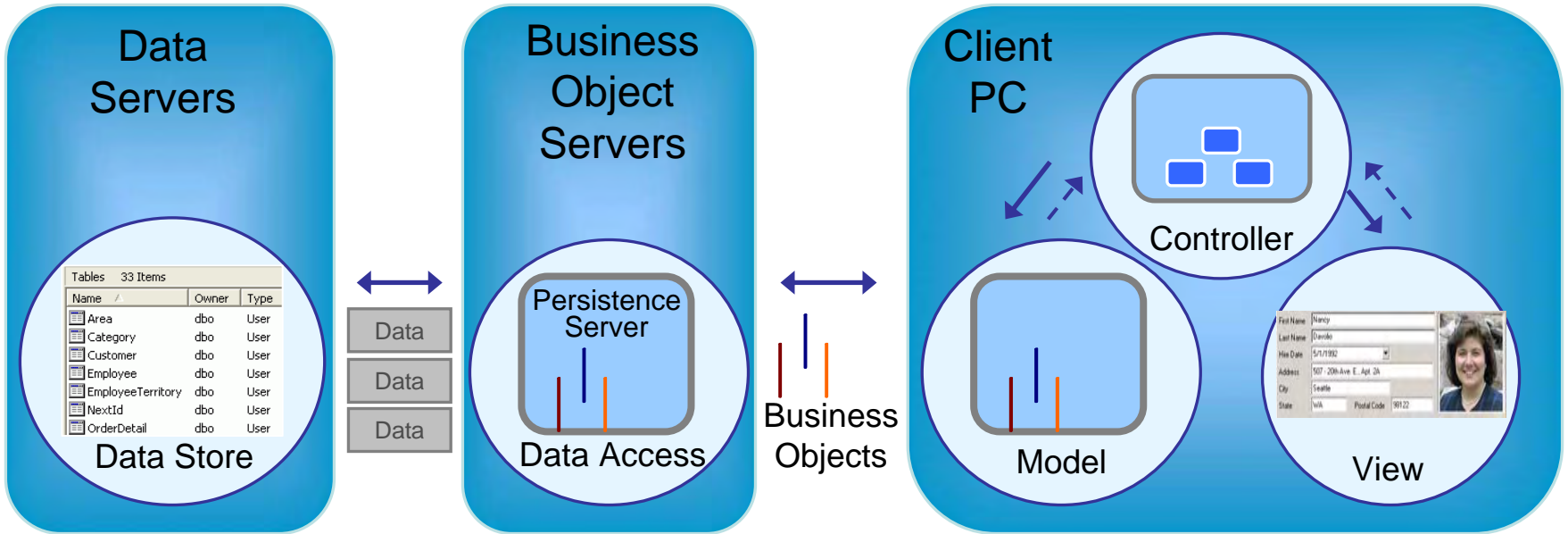
- **Food Production & Processing**

Providing agro-chemical traceability and destination management for food production and processing to assist in safeguarding brand value.

System Overview

- **Seamless, real-time, electronic database upload and approval system for the crop protection and associated industries and markets**
- **Proprietary database and code structure built to accommodate the unique nature and complexities of the pesticide industry**
- **Built-in ability to integrate with a variety of operating systems and platforms to perform similar tasks without the redundancy of database maintenance**
- **23% of the database changes annually**

System Overview



Technology Stack

- **Clients**

- Windows .NET Smart-Client
- Browser for Portal access to registration, configuration, and reporting
- PDA: Windows .NET Mobile Client

- **Server**

- Web Interfaces: ASP.NET Portal, Web Services
- N-Tier Business Object Framework
- Database: SQL Server 2008
- Business Intelligence: SQL Server 2008 Analysis Services & Reporting Services

- **GIS**

- Storage Native to SQL Server 2008 providing dynamic intelligence
- Integration with USDA and composite layers

Search Options

- Registrant
- Active Ingredient
- Product/Brand
- Crop/Site
- Pest(s)
- Product Type
- State
- *County*
- *Application Method*
- *Registration Type*
- *Time to Crop*

Black – Available but not required for WDL

Search Options

Search Results

Web APLS - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Address <https://premier.cdms.net/WebApls/> Go Links

Label Summary Search
Help

Product Type: Herbicide
State: IA

[COMPARE](#)

Records: 1 - 50 of 241

Product Name	Manufacturer Name	Reg. Number	Labels/ MSDS	Summary	Shipping Desc.	WPS
2,4-D AMINE 4 (AGRI STAR)						
	Albaugh, Inc /Agri Star	42750-19				
	2,4-D, dimethylamine salt					
	Group 4 Herbicide					
2,4-D AMINE-4						
	Winfield Solutions LLC (Agrilance LLC)	1381-103				
	2,4-D, dimethylamine salt					
	Group 4 Herbicide					
2,4-D L.V. 4 ESTER						
	Nufarm Americas, Inc.	228-139				
	2,4-D, 2-ethylhexyl ester					
	Group 4 Herbicide					

Done
Local intranet

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Product Label Options

Web APLS - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop

Address <https://premier.cdms.net/WebApls/> Go Links

Label Summary Search Help

DEFINE DF
Product Type: Herbicide
State: IA

Records: 1 of 1

Use Description
PREPLANT OR PREEMERGENCE

Label Summary

- Labels/MSDS
- WPS
- Shipping Description
- Sara III
- Labeled Crops
- Labeled Pests

New Search Refine Search Back to Product List

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Local intranet

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Product Availability Summary - Microsoft Internet Explorer

Address: <https://www.cdms.net/manuf/1prod.asp?ms=2367&pd=4830&manuf=137&lc=0&gr=>

CDMSSM LabelSearch

Labels & MSDS

Bayer CropScienceFalse

Define™ DF, EPA Reg No. 264-765

Available PDF files for Viewing:

- [Specimen Label_05/10/07](#)
- [24\(c\) Registration, OR-070029 For Perennial Grasses Grown for Seed Only](#)
- [24\(c\) Registration, MN-010004 Weed Control in Field Corn Grown for Seed, Forage/Silage and Grain Applied Post Emergence](#)
- [24\(c\) Registration, CO-020004 Postemergence use on Field Corn Grown for Seed, Forage/Silage and Grain](#)
- [2\(ee\) Recommendation, AR,CO,IL,IA,KS,KY,MO,NE,ND,OH,TN 03ee01 Tank Mix with Epic™ DF](#)
- [2\(ee\) Recommendation, Early Postemergence FL](#)
- [2\(ee\) Recommendation, Early Postemergence AZ](#)
- [2\(ee\) Recommendation, Early Postemergence HI](#)
- [2\(ee\) Recommendation, Early Postemergence MA](#)
- [2\(ee\) Recommendation, Early Postemergence AL, CT, DE, GA, LA, MD, MT, NJ, OR, UT, VT, VA, WA, WV, WY](#)
- [2\(ee\) Recommendation, Early Postemergence ME, RI](#)
- [2\(ee\) Recommendation, Early Postemergence AR, CO, ID, IL, IN, IA, KS, MI, MN, MO, NE, NM, NC, ND, OH, PA, TN, WI](#)
- [2\(ee\) Recommendation, Early Postemergence NV](#)
- [2\(ee\) Recommendation, Early Postemergence SD](#)
- [MSDS, 102000006667 Version 1.1 03/02/2007](#)

Get Acrobat Reader

Done

Local intranet

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7:25 PM

Specimen Label PDF

http://www.cdms.net/ldat/ld4EU019.pdf - Microsoft Internet Explorer

File Edit Go To Favorites Help

Back Forward Stop Refresh Home Search Favorites

Address http://www.cdms.net/ldat/ld4EU019.pdf

Save a Copy Print Search Select 150% Sign

Bayer CropScience

DEFINE™ DF Herbicide

For control of certain grass and broadleaf weeds in corn and soybeans.

ACTIVE INGREDIENT:

Flufenacet
N-(4-Fluorophenyl)-*N*-(1-methylethyl)-2-[[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]-oxy]acetamide 60.0%

INERT INGREDIENTS:..... 40.0%

100.0%

EPA Reg. No. 264-765 **EPA Est. No.**

STOP - Read the label before use

1 of 12

Unknown Zone

start Web APLS - Microsoft... http://www.cdms.net... Microsoft PowerPoint... 7:26 PM

- **Graphical**
 - PDF (English and Spanish)
- **Database Worker Protection**
 - Re-Entry Interval
 - MSDS
 - SARA
 - DOT
 - Labeled Crops/Sites
 - Labeled Pest(s)
- **Agronomic**
 - Seed
 - Nutrition
 - Crop Protection
 - Irrigation
 - Cultivation

Data Availability

- **100% of active ingredients**
 - Including methyl bromide, chloropicrin and other VOC's
- **International Manufacturing/Registrants**
- **127 Registrants Under Contract**
- **Formulation Specific due to Enterprise Integration**
- **Tied to Product Availability and Distribution**
 - State Available for Distribution
 - Department of Transportation (DOT) Calculator

Data Availability

- **Enterprise Agreement System**
- **Products According to Contract**
- **Includes Multiple Company and Market Types**
 - Exempt
 - RUP
 - Federal/State/Local
 - Agricultural, Turf, Ornamental, Pest Control and Consumer
- **Data Minimums**

Coverage

- **Complete, Comprehensive and Universal**
 - Web-based
 - Transitional Product for non-web areas (AgLabel DVD, updateable)
- **Linked to over 340 agricultural and industry sites**
- **Land Grant Institution Participation**
- **Extension Service Subscriptions**
- **Unsolicited Position with all major Search Engines**

Key words: chemical label, ag label, pesticide label, ag products, pesticide product, crop protection label, crop protection product

State Approved Coverage

- **Section 3**
 - 4752 Products/81,200,000 records
- **Special Local Need**
 - 1821
- **Section 18**
 - 26
- **Supplemental**
 - 3957
- **2ee**
 - 440

As of April 20, 2009, 4:00 EDT

Quality Control Measures

- **Contractual**
- **Performance Standards**
- **Legacy Partnerships**
- **Electronic Uploads/Portal Security**
- **Approval/Release Process**
- **Daily and Real Time Release**
- **Web Site Linking at the Product Level**

Quality Control Process

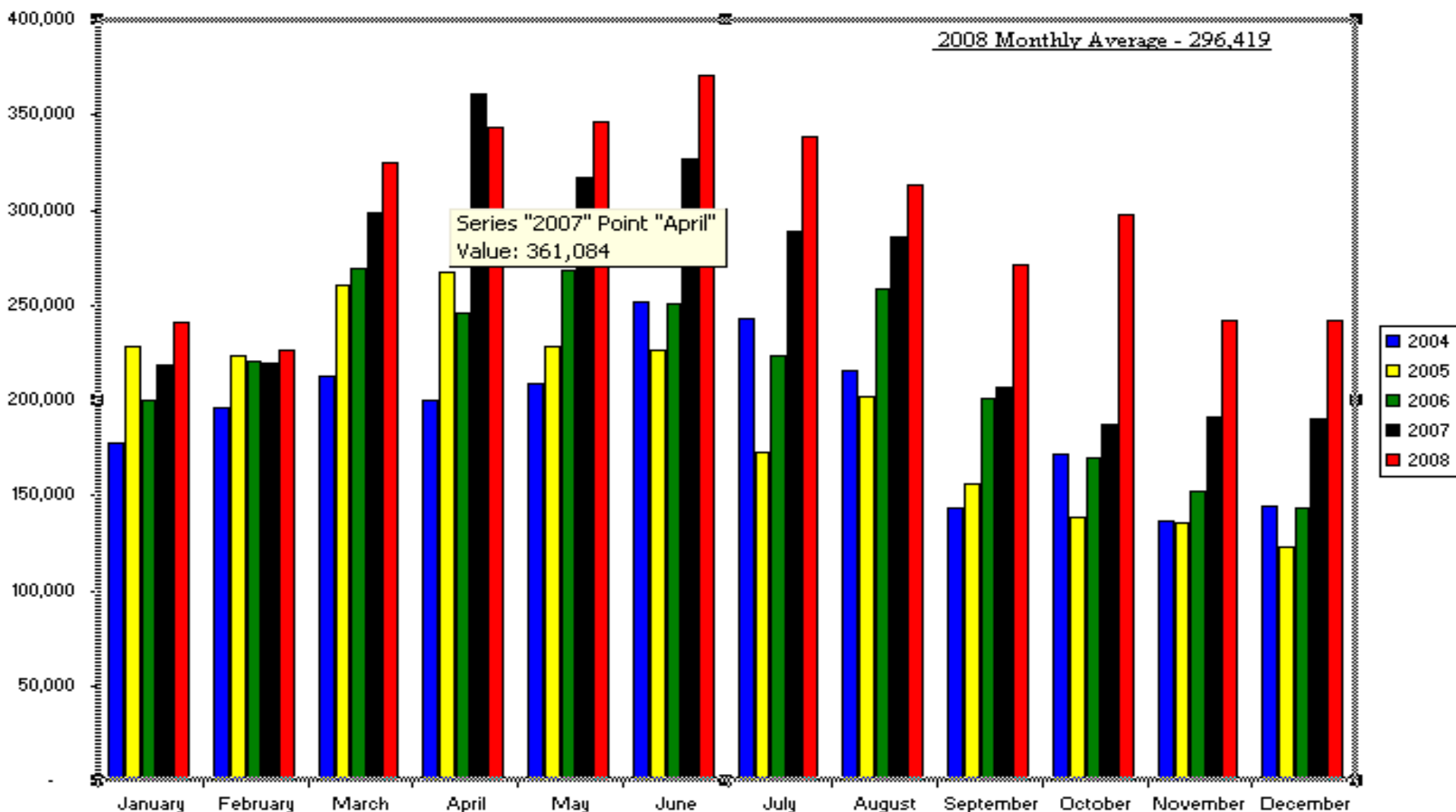
- **Update Assignment**
- **Product/Registrant Owner**
- **Approval Process**
- **Tracking Process**
- **Release Process**
- **Retention and Archival**
- **Service Bureau**

Web-Site Performance

- **24/7/365 Access**
- **Contracted 99.9999% Availability**
- **Redundant T3 Servers**
- **Off Site Back Up and Roll Over**
- **3 Hour Battery Back-up**
- **3 Day Natural Gas Generator Back Up**
- **Continuous Performance for 17 Years**
 - **www.cdms.net**

Frequency of Access

- **36 Million Page Views in 2008**
- **3.1 Down Loads in 2008**
 - Growers
 - Applicators
 - Retailers/Dealers
 - Distributors
 - Academia
 - EPA
 - Registrants
 - Consultants (CCA/PCA)
 - Farm Managers
 - Agronomists

Label & MSDS Product Queries
2004 - 2008



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