



Champaign County
City of Champaign
City of Urbana
University of Illinois
Village of Rantoul
Village of Mahomet
Village of Savoy

**INTERGOVERNMENTAL AGREEMENT
FOR GEOGRAPHIC INFORMATION SYSTEM SERVICES
BETWEEN CHAMPAIGN COUNTY GIS CONSORTIUM AND DOUGLAS COUNTY**

THIS INTERGOVERNMENTAL AGREEMENT (hereinafter "the Agreement") is entered by and between Douglas County and the Champaign County Geographic Information Consortium (hereinafter "CCGIS") (collectively "the Parties") on the date that it is fully executed by the Parties.

WHEREAS, Section 10 of Article VII of the Illinois Constitution of 1970 authorizes units of local government to contract or otherwise associate among themselves in any manner not prohibited by law or by ordinance; and

WHEREAS, the CCGISC and Douglas County wish to cooperate to provide Douglas County with GIS services.

NOW, THEREFORE, pursuant to the Intergovernmental Cooperation Act 5 ILCS 220/1 et. seq. and in consideration of the terms, conditions and covenants contained herein, or attached hereto and incorporated by reference, the Parties agree as follows:

1. **Employment of CCGISC:**

Douglas County hereby agrees to engage the CCGISC, and the CCGISC hereby agrees to perform the services set forth in this contract.

2. **Cooperation of Douglas County:**

Douglas County will make available at no cost to the CCGISC any information and data in the possession of Douglas County that is required as source documentation in the completion of any requested tasks. This information will include deed records, survey plats, subdivision surveys, tax maps, property legal descriptions, and any other necessary documentation or information.

3. **Personnel:**

The CCGISC represents that it has, or will secure at its own expense, all personnel required in performing the services under this contract.

4. **Scope of Services:**

CCGIS has the capacity to provide services as described below. Any services requested by Douglas County are subject to the fees as outlined in Section 7 – *Compensation*. Item A – *Geodatabase Schema and Structure Changes* and Item H - *GIS Data Hosting, Backups, and Archiving* are required to move forward with any services.

A. ***GEODATABASE SCHEMA AND STRUCTURE CHANGES:***

CCGIS will complete the Geodatabase schema and structure changes outlined in Appendix A. The fees as stated in Appendix A apply.

B. ***CADASTRAL MAINTENANCE:***

CCGIS will maintain the Douglas County cadastral GIS data layers according to recorded property transaction information provided to CCGIS from Douglas County. CCGIS staff will employ the same cadastral updating standards historically used for Champaign County to maintain the Douglas County cadastral GIS data layers. These standards include the addition of appropriate line work, polygons, annotation, and attributes. GIS edits based on new property transactions will be subjected to topology verification procedures.

Douglas County will supply all property transactions that occur over the duration of a month to CCGIS the following month. Should CCGIS determine additional research is needed to understand the intent of any transaction, CCGIS will notify the Douglas County Contact and request additional information. This may include but is not limited to, deed and plat searches by Douglas County staff and/or discussions with Douglas County staff to clarify the property transaction. Transactions will be mapped within two weeks of the receipt of all necessary information.

C. ***GIS LAYER MAINTENANCE AND CREATION:***

CCGIS will maintain and create GIS data layers as requested by Douglas County and according to information supplied to CCGIS from Douglas County. These general GIS data layers include, but are not limited to, annexations, municipal boundaries, zoning, voting precincts, tax increment or financing (TIF) districts, farmland use, and home sites. CCGIS staff will employ the updating standards used for Champaign County to maintain the Douglas County GIS data layers. These standards include all appropriate line work, polygons, annotation, and attributes. GIS edits will be subjected to topology verification procedures. All layers maintained by CCGIS will be subject to annual quality control checks as outlined in Item I – *Quality Control*.

D. ***CUSTOM MAP PRODUCTION:***

Upon request by Douglas County, CCGIS will create customized maps for Douglas County according to information supplied to CCGIS from Douglas County. All printing costs associated to any custom map requests will be paid for by Douglas County.

E. ***GIS DATA DISTRIBUTION:***

The CCGIS shall distribute the Douglas County GIS data to Douglas County departments. The Douglas County GIS Contact will be supplied credentials to create a direct database connection to the Douglas County Enterprise Geodatabase. Edit access to Douglas County staff will be provided as necessary. In addition, CCGIS will provide a copy of the Douglas County GIS data in a file geodatabase once per quarter – March, June, September, and

December. This information shall be delivered to the Douglas County GIS Contact via a download link supplied in an email generated by CCGISC.

For departments that do not have software capable of viewing the Douglas County GIS data, a customized web application can be made available to the Douglas County staff. Web applications require a high-speed internet connection and a compatible web browser. CCGISC staff will work with the Douglas staff to determine whether individual computers meet these requirements. Douglas County will be responsible for obtaining a high-speed internet connection and installing a compatible web browser.

F. PUBLIC WEB MAP

Upon request, CCGISC will work with Douglas County to create and host a Public Interactive Web Mapping Site. The site will be built using the same template as <https://maps.ccgisc.org> and <https://maps.plattcounty.org>. Douglas County will be responsible for 1) securing a subdomain and 2) working with CCGISC staff to appropriately register the site to be hosted on the CCGISC servers.

G. WEB HOSTING AND MAINTENANCE:

The creation of web applications and/or a public web map site as outlined in Items E - *GIS Data Distribution* and F – *Public Web Map* require the use of CCGISC servers and are subject to the CCGISC Web Hosting and Maintenance Fees as described in Section 7 - *Compensation*. CCGISC staff will be responsible for the operation and maintenance of the servers.

H. GIS DATA HOSTING, BACKUPS, AND ARCHIVING:

The CCGISC will utilize the functionality of its SQL Server Enterprise Geodatabase server to host the Douglas County GIS cadastral data. Enterprise Geodatabase technology can provide real-time access to view and/or edit GIS data through a high-speed Internet connection. The CCGISC will store the Douglas County cadastral data on its server and provide the necessary server administration tasks required to set-up user logins and grant appropriate data permissions to view and/or edit data over a high-speed internet connection (server administration falls under the level 2 support as described in section 5 - *GIS Support*). Douglas County will be responsible for obtaining a high-speed internet connection. Access to the Douglas County Enterprise Geodatabase will only be given to persons or entities at the request of Douglas County.

In conjunction with data hosting, the CCGISC will create regular file geodatabase backups of the Douglas County vector data. Approximately one month of backups will be retained on a CCGISC server. In addition, one backup per month shall be archived. While the backups ensure data security, they do not necessarily provide a final annual revenue year backup of the Douglas County GIS cadastral data. Upon request, CCGISC will coordinate with Douglas County staff to create an annual revenue year backup of the cadastral data. The backup will be supplied each year to the Douglas County GIS Contact.

I. QUALITY CONTROL:

CCGIS will complete annual quality control tasks. CCGIS will utilize GIS best practice techniques when creating, reviewing, or maintaining data for Douglas County. These best practice techniques include topology and data integrity checks. The final quality control checks are the responsibility of Douglas County.

5. GIS Support:

GIS tasks shall be categorized into one of three support levels. Tasks are placed within a category based on the required level of staff expertise. Any tasks requested by Douglas County not listed below shall be appropriately assigned a level of support by the CCGIS Director.

Parcel maintenance shall be charged on a per parcel basis. Fees related to items G and H in the Scope of Services (*section 4*) shall be calculated based on a cost-share formula. Fees related to item A are included in Appendix A. All other fees and formulas are outlined in section 7 - *Compensation*.

Level 1:

- General GIS Support
 - GIS Layer Maintenance and Creation*
 - Custom Map Production
 - Other Tasks
 - On-site and phone support

**Complex GIS Layer Maintenance and Creation may be completed by Level 2 support staff.*

Level 2:

- GIS Database Administration/Programming/App Development
 - Web Map Updates, Changes and General Maintenance
 - GIS Data Distribution
 - GIS Data Hosting, Backups, and Archiving
 - GIS Layer Maintenance and Creation - Complex
 - Other Tasks
 - Enterprise Geodatabase changes i.e., permissions, new users, etc.
 - Enterprise Geodatabase layer additions or schema changes
 - Custom App development & training
 - Interactive mapping/web development
 - Base map updates for Public Interactive Map
 - General GIS programming services

Level 3:

- GIS Administration
 - Policy Development
 - Project Management

6. **Data Ownership:**

All data produced under the scope of this agreement shall be the property of Douglas County. Douglas County will grant to the CCGISC the right to store the data on CCGISC computers for the term of this agreement. The data produced under the scope of this agreement shall not be distributed by the CCGISC in any form to any entity without the consent of Douglas County, unless CCGISC is otherwise obliged by law to respond regardless of consent (e.g., pursuant to court order, a proper Freedom of Information Act request, or other legal obligation). After termination of this agreement, the CCGISC will, upon direction of Douglas County, remove all Douglas County data from CCGISC computers.

7. **Compensation:**

Douglas County agrees to pay the CCGISC the following sums for each service. Hourly cost rates are determined by the required GIS level of support as outlined in section 5 and the CCGISC staff member assigned to the task by the CCGISC Director.

<i>Cadastral Mapping / Maintenance:</i>	<u>\$16.00 / parcel</u>
<i>Printing Fees:</i>	
CCGIS Inhouse Printing Fees	
Large Format Color or Black/White Prints	<u>\$1.50 / square foot</u>
8.5 X 11, 11 X17 or smaller Color or Black/White Prints	<u>\$1.00 / page</u>
External Costs Printing Fees	<u><i>Fee as determined by outside vendor</i></u>
<i>GIS Support:</i>	
Level 1 Support	
GIS Technician	<u>\$39.28 / hour</u>
GIS Specialist	<u>\$45.82/ hour</u>
Level 2 Support	
GIS Analyst	<u>\$58.76/ hour</u>
GIS Programmer	<u>\$66.61 / hour</u>
Level 3 Support	
GIS Director	<u>\$81.96/ hour</u>

GIS Cadastral Data Hosting:

Costs associated with data hosting are derived from software maintenance and hardware costs. The percent is based on resource usage estimates. **Fees reflect an agreement term of 1.4 years.**

Estimated Server Costs

\$350.00 (1.4 year term)

10% of \$10,000.00 is \$1,000; $\$1,000/4 = \250.00 .

Servers are purchased on a 4 year rotation.

1.4 year term: $\$250.00 * 1.4 = \350.00

Software Costs

\$1,887.20 (1.4 year term)

10% of \$13,480.00 = \$1,348.00

1.4 year term: $\$1,348 * 1.4 = \$1,887.20$

Data Hosting Fee (1.4 year term) : \$2,237.20

Web Hosting and Maintenance:

Costs associated with web maps hosting are derived from software maintenance and hardware costs. Maintenance costs are based upon 30 hours of Level 2 GIS Programmer support. **Fees reflect initial term of 1.4 years.**

Estimated Server Costs

\$350.00 (1.4 year term)

10% of \$10,000 is \$1,000; $\$1,000.00/4 = \250.00

1.4 year term: $\$250.00 * 1.4 = \350.00

Maintenance Support

\$2,797.62 (1.4 year term)

30 hours annually at Level 2 (Programmer) Support = \$1,998.30

1.4 year term: $\$1998.30 * 1.4 = \$2,797.62$

Web Hosting and Maintenance Fee (1.4 year term) : \$3,147.62

8. **Term:**

The term of this agreement shall begin the date the contract is fully executed and end June 30, 2023.

9. **Termination of Contract for Cause:**

If through any cause, the CCGISC shall fail to fulfill, in a timely and proper manner, its obligations under this Contract, or if the CCGISC shall violate any of the covenants, agreements, or stipulations of this Contract, Douglas County shall thereupon have the right to terminate this Contract by giving written notice to the CCGISC of such termination and specifying the effective date thereof, at least five (5) days before the effective date of such termination.

10. **Data Access:**

Every effort will be made to ensure Douglas County is able to access their data, websites, custom applications, etc. 7 days a week, 24 hours a day, including holidays. Exceptions include periods of preventive or remedial maintenance and/or operational or security issues. CCGISC will not be liable, financially, or otherwise, for periods of inaccessibility.

11. **Termination of Contract for Convenience:**

This agreement may be terminated by either party at any time by a notice in writing to the other party at least thirty (30) days before such terminations. Notice of termination shall be sent to the CCGISC, 1776 East Washington Street, Urbana, Illinois 61803-7760. Once the Contract is terminated as provided herein, a determination of the number of CCGISC employee service hours completed shall be made. Final payment for all service hours completed by CCGISC employees toward the completion of a project shall be paid to the CCGISC.

12. **Changes:**

Douglas County may, from time to time, request changes in the scope of services of the CCGISC to be performed hereunder. Such changes, including any increases or decreases in compensation, which is mutually agreed upon by and between Douglas County and the CCGISC, shall be incorporated in written amendments to this Contract.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by its Contacts as of the date first written above.

Douglas County

BY: Don Munson
Title: County Board Chairperson

Signature: 

Date: 2/16/22

CCGIS

BY: Darlene Kloeppel
Title: County Executive

Signature: 

Date: 2-24-22

APPENDIX A

To IGA for Geographic Information System Services Between CCGISC and Douglas County

As stated in Section 4A *IGA for Geographic Information System Services Between CCGISC and Douglas County*, CCGISC will complete the Geodatabase schema and structure for Douglas County. These changes, as outlined below, are required for the Champaign County GIS Consortium (CCGISC) to maintain the cadastral base for Douglas County.

1. Enterprise Geodatabase

The provided Douglas County data will be imported into an Enterprise Geodatabase. Douglas County will be provided with access to the Enterprise Geodatabase, as such edits will be visible to the Assessment Office in a timely manner. The data will be versioned, so there may be a one-day delay.

2. Line Tags

Currently the Douglas County geodatabase contains line tags associated to the ***Cadastral_Line*** layer. Every line is tagged with the name of the polygon boundary to which it is coincident. CCGISC would like to discontinue the use of the line tags in favor of a line tag hierarchy and the creation of Lot and ROW polygon feature classes. To accomplish this, existing line tag errors must first be corrected.

3. Topology

Topology exists within the Douglas County geodatabase. Overall, the topology is in good shape, however corrections are needed to move forward with the proposed cadastral changes. In addition to correcting the existing topology, several topology rules will be added and deleted to accommodate the proposed cadastral changes.

4. Creation of New Features

As mentioned in item 2 – Line Tags, we propose the creation of lot and ROW polygon layers. These polygons will be created using the corrected line tags. Each of the lot polygons will be assigned a lot number based on the existing lot annotation.

Once these layers are created, CCGISC would no longer maintain the existing line tags. In its place, a line hierarchy would be established that would allow the data to be clearly represented when viewed on paper and/or digital maps. For example, lot lines would have a higher priority than parcel lines.

5. *Deletion of Existing Point Features*

There are several point features within the Douglas County geodatabase that are simply centroids of the corresponding polygon layers. There is no need to maintain these layers when they can be easily created at any time. As a result, the following point layers would not be imported into the Enterprise Geodatabase:

- Sub_Point
- Page_Index_Name
- Corp_Point

6. *Remove Street Centerlines from Cadastral_Line Layer*

Lines that represent the centerline of the street are found within the Cadastral_Line layer. Douglas County now has a separate street centerline layer and therefore should no longer be maintained within the Cadastral_Line layer. Any line tagged only as a street centerline, will be deleted from the Cadastral_Line layer. Going forward, the street centerline layer will be referenced when necessary for cadastral updates.

SOIL CALCULATION TOOL

CCGISC will create a graphical user interface (GUI) soil calculation tool for Douglas County. The tool will include functionality that calculates soils for individual parcels or an entire township. Individual parcel calculations shall be displayed on screen while township calculations will be sent to a text file and displayed in a report – *see Reference Pages*. The soil calculations will be based on soil type, farmland use type, and the GIS parcel acreage. Resulting calculations will be proportioned up or down to correspond to the available recorded parcel acreage.

ASSOCIATED COSTS

1. *Proposed Douglas County Cadastral Changes*

Hours: 37.5 – 45 hours

Cost: \$1,845.38 – \$2,214.45

2. *Soil Calculation Tool*

Hours: 2 – 3 hours

Cost: \$131.72 – \$168.87

Reference Pages - Example Soil Calculation Tool Report

Acreage Calculation Report

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-09-36-300-003	40.00					
		CR	152A	Drummer	14.204	13.821
		CR	481A	Raub	25.371	24.688
					39.574	38.509
		NA	152A	Drummer	0.930	0.905
		NA	481A	Raub	0.575	0.559
					1.505	1.464
		OF	152A	Drummer	0.028	0.027
					0.028	0.027
		Total Acreage			41.106	40.000

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-09-36-300-004	40.00					
		CR	152A	Drummer	33.405	32.483
		CR	481A	Raub	7.059	6.864
					40.464	39.347
		NA	152A	Drummer	0.672	0.653
					0.672	0.653
		Total Acreage			41.136	40.000

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-09-36-400-006	106.66					
		CR	152A	Drummer	47.333	46.455
		CR	481A	Raub	52.411	51.438
		CR	56B	Dana	1.898	1.862
					101.642	99.754
		HS	152A	Drummer	0.231	0.227
		HS	481A	Raub	2.049	2.011
					2.280	2.238
		NA	152A	Drummer	1.396	1.370
		NA	481A	Raub	0.327	0.321
		NA	56B	Dana	0.220	0.216
					1.943	1.907
		OF	152A	Drummer	0.851	0.836
		OF	481A	Raub	1.962	1.925
					2.813	2.761
		Total Acreage			108.678	106.660

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-10-31-300-001	160.00					
		CR	149A	Brenton	7.378	7.263
		CR	152A	Drummer	71.311	70.201
		CR	481A	Raub	39.441	38.827
		CR	56B	Dana	30.413	29.940
		CR	622B	Wyanet	0.805	0.793
					149.348	147.023
		NA	152A	Drummer	1.286	1.266
		NA	481A	Raub	0.631	0.621
		NA	56B	Dana	0.673	0.663
		NA	622B	Wyanet	0.110	0.108
					2.700	2.658
		OF	152A	Drummer	10.478	10.315
		OF	622B	Wyanet	0.004	0.004
					10.482	10.319
		Total Acreage			162.530	160.000

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-10-31-400-003	40.00					
		CR	152A	Drummer	13.873	13.537
		CR	206A	Thorp	2.593	2.530
		CR	490A	Odell	12.640	12.334
		CR	622B	Wyanet	9.009	8.790
					38.115	37.191
		NA	152A	Drummer	0.377	0.368
					0.377	0.368
		OF	152A	Drummer	2.501	2.440
					2.501	2.440
		Total Acreage			40.994	40.000

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-10-31-400-005	76.52					
		CR	152A	Drummer	31.685	31.053
		CR	490A	Odell	4.275	4.189
		CR	56B	Dana	17.200	16.857
		CR	622B	Wyanet	20.533	20.123
					73.693	72.222
		NA	152A	Drummer	0.173	0.170
		NA	56B	Dana	0.464	0.455
					0.637	0.625
		OF	152A	Drummer	2.155	2.112
		OF	490A	Odell	0.102	0.100

OF	622B	Wyanet	1.491	1.461
			3.748	3.673
Total Acreage			78.079	76.520

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-10-31-400-006	3.48					
		CR	152A	Drummer	0.368	0.369
		CR	490A	Odell	0.299	0.299
		CR	622B	Wyanet	0.628	0.629
					1.295	1.297
		HS	152A	Drummer	0.088	0.088
		HS	490A	Odell	0.086	0.086
		HS	622B	Wyanet	0.599	0.599
					0.773	0.774
		NA	152A	Drummer	0.111	0.111
					0.111	0.111
		OF	152A	Drummer	0.508	0.509
		OF	490A	Odell	0.365	0.365
		OF	622B	Wyanet	0.423	0.424
					1.296	1.298
		Total Acreage			3.476	3.480

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-10-31-400-008	21.88					
		CR	152A	Drummer	12.823	12.434
		CR	490A	Odell	4.407	4.273
					17.229	16.707
		NA	152A	Drummer	1.009	0.978
					1.009	0.978
		OF	152A	Drummer	4.326	4.195
					4.326	4.195
		Total Acreage			22.564	21.880

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-10-32-300-001	50.00					
		CR	149A	Brenton	0.599	0.583
		CR	152A	Drummer	45.889	44.649
		CR	490A	Odell	2.355	2.292
					48.844	47.524
		NA	152A	Drummer	1.888	1.837
		NA	490A	Odell	0.172	0.167
					2.060	2.004

OF	152A	Drummer	0.078	0.076
			0.078	0.076
WC	152A	Drummer	0.407	0.396
			0.407	0.396
Total Acreage			51.389	50.000

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
20-10-32-300-004	100.00					
		CR	149A	Brenton	17.039	16.480
		CR	152A	Drummer	74.922	72.463
		CR	663B	Clare	2.479	2.398
					94.441	91.341
		HS	149A	Brenton	1.464	1.416
		HS	152A	Drummer	0.650	0.629
					2.114	2.045
		NA	152A	Drummer	1.089	1.053
					1.089	1.053
		OF	149A	Brenton	0.983	0.950
		OF	152A	Drummer	4.765	4.608
					5.748	5.559
		WC	152A	Drummer	0.002	0.002
					0.002	0.002
		Total Acreage			103.394	100.000

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
25-15-01-200-003	102.80					
		CR	152A	Drummer	78.893	76.887
		CR	198A	Elburn	11.910	11.607
		CR	481A	Raub	1.419	1.383
		CR	663B	Clare	1.823	1.777
					94.045	91.653
		HS	152A	Drummer	0.404	0.394
		HS	198A	Elburn	0.503	0.490
					0.907	0.884
		NA	152A	Drummer	1.891	1.843
		NA	481A	Raub	0.114	0.111
					2.005	1.954
		OF	152A	Drummer	6.148	5.992
		OF	198A	Elburn	2.377	2.317
					8.526	8.309
		Total Acreage			105.482	102.800

Parcel Number

Soil Name

	Assessed Acreage	Land Use	Soil Code		Measured Acreage	Net Acreage
25-15-01-400-007	34.26					
		CR	152A	Drummer	13.606	13.286
		CR	198A	Elburn	7.587	7.409
		CR	623A	Kishwaukee	7.384	7.211
		CR	663B	Clare	5.896	5.758
					34.473	33.664
		NA	152A	Drummer	0.362	0.353
		NA	198A	Elburn	0.249	0.243
					0.611	0.596
		Total Acreage			35.084	34.260

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
25-15-01-400-008	34.27					
		CR	152A	Drummer	18.825	18.388
		CR	198A	Elburn	4.359	4.258
		CR	623A	Kishwaukee	2.012	1.965
		CR	663B	Clare	9.196	8.982
					34.391	33.593
		NA	152A	Drummer	0.297	0.290
		NA	198A	Elburn	0.153	0.149
		NA	663B	Clare	0.209	0.204
					0.659	0.644
		OF	663B	Clare	0.034	0.034
					0.034	0.034
		Total Acreage			35.084	34.270

Parcel Number	Assessed Acreage	Land Use	Soil Code	Soil Name	Measured Acreage	Net Acreage
25-15-01-400-009	34.27					
		CR	152A	Drummer	24.359	23.811
		CR	198A	Elburn	6.889	6.734
		CR	481A	Raub	0.006	0.005
		CR	663B	Clare	2.463	2.408
					33.716	32.958
		NA	152A	Drummer	1.230	1.202
		NA	481A	Raub	0.086	0.084
					1.316	1.286
		OF	152A	Drummer	0.027	0.026
					0.027	0.026
		Total Acreage			35.059	34.270