**SectionsWithCrops**
File Geodatabase Feature Class

**Summary**
To provide agricultural land use information at the section level. A section of land is typically 1 mile by 1 mile and is 640 acres. Crop Sections are related to the crop data table to provide a complete dataset that represents crop diversity and locations in WA.

**Description**
Feature class that includes all sections of land in the state of Washington that contain crops.

**Credits**
Created and maintained by the Natural Resources Assessment Section, WSDA. Many sources were compiled and used in this dataset and are documented in the DataSource attribute and defined in the Source table.

**Use limitations**
May not be redistributed.

**Extent**
- West: -124.749239
- East: -116.739959
- North: 49.030407
- South: 45.491546

**Scale Range**
- Maximum (zoomed in): 1:5,000
- Minimum (zoomed out): 1:5,000,000

**ArcGIS Metadata**

**Topics and Keywords**
- **Themes or categories of the resource**: farming
PLACE KEYWORDS Washington

THEME KEYWORDS farming

THEMES
TITLE ISO 19115 Topic Categories

THEME KEYWORDS Sections with crops

THESES
TITLE Section polygons

Citation

* TITLE SectionsWithCrops

PUBLICATION DATE 2012-03-12 00:00:00

INDETERMINATE TIME unknown

EDITION 2012

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

SERIES
NAME 2012WSDACropDistribution.mdb

ISSUE 2012

OTHER CITATION DETAILS
CropSections are related to a CropData table located within the geodatabase. All field records located within a crop section are viewable.

Citation Contacts

RESPONSIBLE PARTY
ORGANIZATION'S NAME Washington State Department of Agriculture, Perry Beale, Senior Crop Mappins Specialist

CONTACT'S ROLE originator
Supplemental Information

Included in the attribute table are the primary crop type and primary crop group located within the section and are provided primarily for symbolgy. These are the dominant crops (by acres) located in the section. The SectionsWithCrops feature class is "related" to the CropData table in a one-to-many relate to provide complete agricultural land use information for analysis.

* PROCESSING ENVIRONMENT  
Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.0.3348

CREDITS

Created and maintained by the Natural Resources Assessment Section, WSDA. Many sources were compiled and used in this dataset and are documented in the DataSource attribute and defined in the Source table.

ARCgis Item Properties

* NAME  
SectionsWithCrops

* LOCATION  
file://\AGRWK112736\C$\WorkSpace\Crop Archive\2012 Crop Archive\2012 Distribution Data\2012WSDACropDistribution.gdb

* ACCESS PROTOCOL  
Local Area Network

Extents

BOUNDING RECTANGLE

WEST LONGITUDE  
-124.749239

EAST LONGITUDE  
-116.739959

SOUTH LATITUDE  
45.494786

NORTH LATITUDE  
49.030407

* EXTENT TYPE  
Extent used for searching

* WEST LONGITUDE  
-124.749239

* EAST LONGITUDE  
-116.739959

* NORTH LATITUDE  
49.030407

* SOUTH LATITUDE  
45.491546

* EXTENT CONTAINS THE RESOURCE  
Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE  
188703.453876

* EAST LONGITUDE  
775400.290573
Resource Points of Contact

POINT OF CONTACT
INDIVIDUAL’S NAME   Perry Beale
ORGANIZATION’S NAME WSDA
CONTACT’S POSITION  Senior Crop Mapping Specialist
CONTACT’S ROLE      point of contact

CONTACT INFORMATION
PHONE
VOICE  (360) 902-2065

ADDRESS
TYPE
E-MAIL ADDRESS  pbeale@agr.wa.gov

Resource Maintenance

RESOURCE MAINTENANCE
UPDATE FREQUENCY  annually

Resource Constraints

LEGAL CONSTRAINTS
LIMITATIONS OF USE
Data may not be re-distributed. Disclaimer: This data is provided 'as is' without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular use. The Natural Resources Assessment Section of Washinton State Department of Agriculture will not be liable to the user of this data for any activity involving the data with respect to the following: (a) lost profits, lost savings, or any other consequential damages; (b) the fitness of the data for a particular purpose; or (c) use of the data or results obtained from the use of the data.

SECURITY CONSTRAINTS
CLASSIFICATION restricted

CONSTRAINTS
LIMITATIONS OF USE
May not be redistributed.
Spatial Reference

ARCGIS COORDINATE SYSTEM
* Type: Projected
* Geographic Coordinate Reference: GCS_North_American_1983_HARN
* Projection: NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602
* Coordinate Reference Details
  Projected Coordinate System
  * Well-known Identifier: 102349
  * X Origin: -35813599.999310397
  * Y Origin: -30129699.999403577
  * XY Scale: 7812.499992
  * Z Origin: 0
  * Z Scale: 400000
  * M Origin: -100000
  * M Scale: 10000
  * XY Tolerance: 0.0020480000020971518
  * Z Tolerance: 2.0000000000000002e-005
  * M Tolerance: 2.0000000000000002e-005
  * High Precision: true
  * Latest Well-known Identifier: 2856
  * Well-known Text
    PROJCS["NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.25722101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.017452497874151793]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-120.5],PARAMETER["Standard Parallel_1",45.83333333333334],PARAMETER["Standard Parallel_2",47.33333333333334],PARAMETER["Latitude_Of_Origin",45.33333333333334],UNIT["Meter",1.0],AUTHORITY["EPSG",2856]]

Reference System Identifier
* Value: 2856
* Codespace: EPSG
* Version: 8.1.1

Spatial Data Properties

Vector
* Level of Topology for this Dataset: geometry only

Geometric Objects
* Feature class name: SectionsWithCrops
* Object type: composite
* Object count: 23218
**ArcGIS Feature Class Properties**

**Feature Class Name**: SectionsWithCrops
- **Feature Type**: Simple
- **Geometry Type**: Polygon
- **Has Topology**: FALSE
- **Feature Count**: 23218
- **Spatial Index**: TRUE
- **Linear Referencing**: FALSE

**Data Quality**

**Scope of Quality Information**
- **Resource Level**: dataset

**Data Quality Report - Completeness Omission**
- **Measure Description**: complete

**Data Quality Report - Quantitative Attribute Accuracy**
- **Measure Description**: Classification accuracy of primary crop attribute are considered to be 90% or greater.

**Data Quality Report - Absolute External Positional Accuracy**
- **Dimension**: horizontal
- **Measure Description**: Positional accuracy of the crop data is to the section level, which is typically 1 square mile.
Lineage

A join was performed (using the TRS field as the primary key) between the statewide Township/Range/Section feature class and the crop data table to obtain only those sections of land that contain WSDA crop field records. All of these were highlighted and a layer was created from the highlighted features, which includes only those sections of land that contain crops. A clip was performed to provide a TRS feature class with only these selected sections. A set of queries were performed in Access to determine the dominant crop in each section (by acres) and this data was populated into the SectionWithCrops feature class primarily to determine the appropriate symbology to represent each section. The cropdata table was then related to the SectionsWithCrops feature class and a "one-to-many" relationship class was created.

Process Contact

Individual's Name: Perry Beale
Organization's Name: WSDA
Contact's Position: Senior Crop Mapping Specialist
Contact's Role: processor

Contact Information

Phone: (360) 902-2065
Address:
  Type: postal
  City: Olympia
  Administrative Area: Washington
  Postal Code: 98504-7600
  Country: United States of America
  E-mail Address: pbeale@agr.wa.gov

Source Data

Title: SectionsWithCrops Feature Dataset
Alternate Titles: SectionsWithCrops Feature Dataset
Edition: 2012
PRESENTATION FORMATS  digital map
FGDC GEOSPATIAL PRESENTATION FORMAT  vector digital data

SERIES
NAME  2012WSDACropDistribution.mdb
ISSUE  2012

RESPONSIBLE PARTY
ORGANIZATION'S NAME  WSDA
CONTACT'S ROLE  publisher

CONTACT INFORMATION
ADDRESS
DELIVERY POINT  Olympia, WA

Hide Contact information ▲

RESPONSIBLE PARTY
ORGANIZATION'S NAME  WSDA
CONTACT'S ROLE  originator

Hide Source citation ▲

Hide Source data ▲

Hide Lineage ▲

Geoprocessing history ▶

PROCESS
PROCESS NAME
DATE  2013-03-20  14:23:36
TOOL LOCATION  c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
  CalculateField SectionsWithCrops PrimaryCropGroup [CropGroup] VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA  No

PROCESS
PROCESS NAME
DATE  2013-03-20  14:24:21
TOOL LOCATION  c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
  CalculateField SectionsWithCrops PrimaryCropType [CropType] VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA  No

Hide Geoprocessing history ▲

Distribution ▶
**Distributor**

**Contact Information**

**Individual’s Name**  Perry Beale  
**Organization’s Name**  WSDA  
**Contact’s Position**  Senior Crop Mapping Specialist  
**Contact’s Role**  distributor

**Contact Information**

**Phone**  (360) 902-2065

**Address**

**Type**  both  
**Delivery Point**  PO Box 42560  
**City**  Olympia  
**Administrative Area**  Washington  
**Postal Code**  98504-2589  
**Country**  United States of America  
**E-mail Address**  pbeale@agr.wa.gov

**Hours of Service**

8:00am - 5:00pm

Hide Contact information ▲

**Ordering Process**

**Instructions**

downloadable at http://agr.wa.gov/PestFert/natresources/AgLandUse.aspx

**Transfer Options**

**Medium of Distribution**

**Medium Name**  online link

**Transfer Options**

**Online Source Description**  Feature class.

Hide Distributor ▲

**Distribution Format**

**Name**  File Geodatabase Feature Class

Hide Distribution ▲

**Fields**

**Details for Object**  SectionsWithCrops ▲

**Type**  Feature Class  
**Row Count**  23218
### FIELD Shape

- **ALIAS**: SHAPE
- **DATA TYPE**: Geometry
- **WIDTH**: 0
- **PRECISION**: 0
- **SCALE**: 0

**FIELD DESCRIPTION**

Feature geometry.

**DESCRIPTION SOURCE**

ESRI

**DESCRIPTION OF VALUES**

Coordinates defining the features.

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### FIELD OBJECTID

- **ALIAS**: OBJECTID
- **DATA TYPE**: OID
- **WIDTH**: 4
- **PRECISION**: 0
- **SCALE**: 0

**FIELD DESCRIPTION**

Internal feature number.

**DESCRIPTION SOURCE**

ESRI

**DESCRIPTION OF VALUES**

Sequential unique whole numbers that are automatically generated.

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### FIELD Shape_Length

- **ALIAS**: SHAPE_Length
- **DATA TYPE**: Double
- **WIDTH**: 8
- **PRECISION**: 0
- **SCALE**: 0

**FIELD DESCRIPTION**

Length of feature in internal units.

**DESCRIPTION SOURCE**

ESRI

**DESCRIPTION OF VALUES**

Positive real numbers that are automatically generated.
**FIELD Shape_Area**

* ALIAS   SHAPE_Area
* DATA TYPE Double
* WIDTH   8
* PRECISION 0
* SCALE   0

**FIELD DESCRIPTION**
Area of feature in internal units squared.

**DESCRIPTION SOURCE**
ESRI

**DESCRIPTION OF VALUES**
Positive real numbers that are automatically generated.

**FIELD PrimaryCropGroup**

* ALIAS   PrimaryCropGroup
* DATA TYPE Integer
* WIDTH   4
* PRECISION 0
* SCALE   0

**FIELD PrimaryCropType**

* ALIAS   PrimaryCropType
* DATA TYPE Integer
* WIDTH   4
* PRECISION 0
* SCALE   0

**FIELD TOWNSHIP**

* ALIAS   TOWNSHIP
* DATA TYPE String
* WIDTH   8
* PRECISION 0
* SCALE   0
Hide Field TOWNSHIP ▲

FIELD TRS_1 ►
* ALIAS TRS_1
* DATA TYPE String
* WIDTH 15
* PRECISION 0
* SCALE 0

Hide Field TRS_1 ▲

FIELD TRS ►
* ALIAS TRS
* DATA TYPE String
* WIDTH 10
* PRECISION 0
* SCALE 0

Hide Field TRS ▲

FIELD SECT ►
* ALIAS SECT
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 0
* SCALE 0

Hide Field SECT ▲

Hide Details for object SectionsWithCrops ▲

Hide Fields ▲

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
SCOPE NAME * dataset

* LAST UPDATE 2013-11-12

ArcGIS METADATA PROPERTIES
METADATA FORMAT ArcGIS 1.0
METADATA STYLE FGDC CSDGM Metadata
STANDARD OR PROFILE USED TO EDIT METADATA FGDC
**Detailed Description**

**Entity Type**

**Entity Type Label** SectionsWithCrops

**Attribute**

**Attribute Label** Shape

**Attribute Definition** Feature geometry.

**Attribute Definition Source** ESRI

**Attribute Domain Values** Unrepresentable Domain

Coordinates defining the features.

**Attribute**

**Attribute Label** OBJECTID

**Attribute Definition** Internal feature number.

**Attribute Definition Source** ESRI

**Attribute Domain Values** Unrepresentable Domain

Sequential unique whole numbers that are automatically generated.

**Attribute**

**Attribute Label** Shape_Length

**Attribute Definition** Length of feature in internal units.

**Attribute Definition Source** ESRI

**Attribute Domain Values** Unrepresentable Domain

Positive real numbers that are automatically generated.

**Attribute**

**Attribute Label** Shape_Area

**Attribute Definition** Area of feature in internal units squared.

**Attribute Definition Source** ESRI

**Attribute Domain Values** Unrepresentable Domain

Positive real numbers that are automatically generated.

**Attribute**

**Attribute Label** PrimaryCropGroup

**Attribute**

**Attribute Label** PrimaryCropType

**Attribute**

**Attribute Label** TOWNSHIP

**Attribute**

**Attribute Label** TRS_1

**Attribute**

**Attribute Label** TRS

**Attribute**

**Attribute Label** SECT