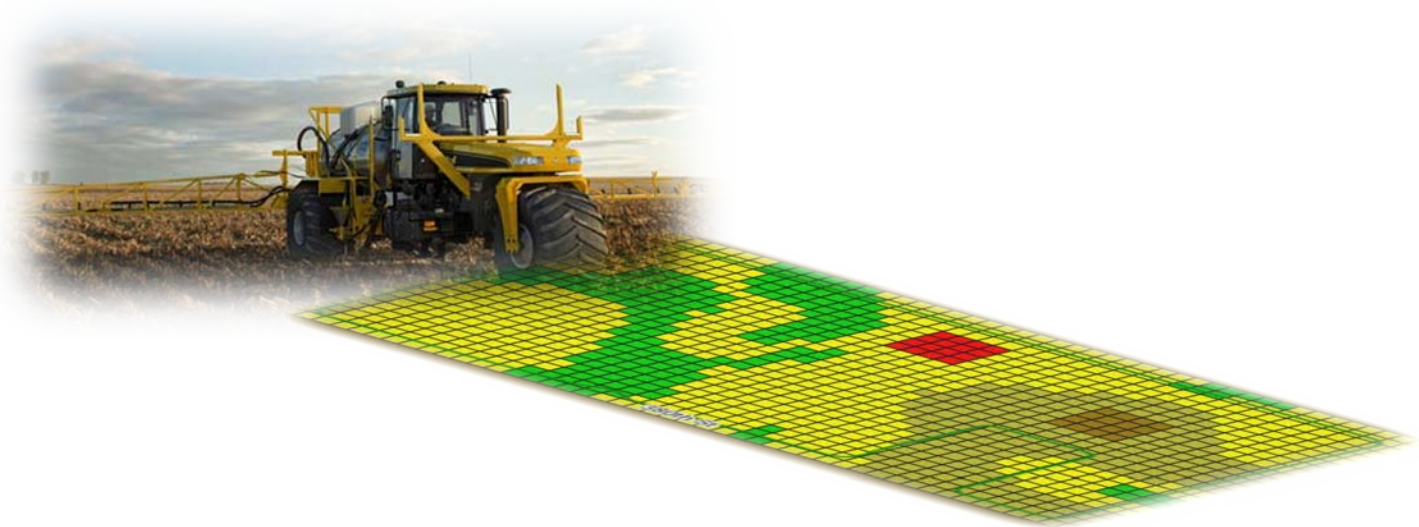


Direct Application

- ▶ **How To: Create field recs from Management Zones.**



Direct Application

- ▶ Create Management Zones (MZ)
 - Yield Goals
 - Population

- ▶ Create VRT Rec using MZ
 - Actual Nutrient Values
 - Fertilizer Products

Create Management Zones (MZ)

Getting Started

The screenshot shows the SoilMap software interface. The 'Farm' menu is open, and the 'Create' option is selected, which has opened a sub-menu with 'Management Zones' highlighted. The main window displays a table of management zones for a 158.11-acre farm. The table includes columns for zone ID, name, and management zone assignment. A satellite map on the right shows the farm's location with a red dashed line indicating the management zone boundary.

Farm: 158.11 acres
Modify Layer
Zoom Iowa Osceola Allison 35

Zone ID	Zone Name	Management Zone	Checkmark
ALS36NW	CHIPPER	REDING J & TRU	✓
BK016S	A46	REDING J & TRU	✓
BK019ENE	L50	REDING J & TRU	✓
BK020SSE	A48	REDING J & TRU	✓
BK025NSE	RALPHIE	REDING J & TRU	✓
BK035NE	CORNBREAD	REDING J & TRU	✓
CTB02SE	TYLER	REDING J & TRU	✓
CTB08ALL	SORREL	REDING J & TRU	✓
CTB13ALL	LIMOSINE	REDING J & TRU	✓
CTB22S	TAYLOR	REDING J & TRU	✓
CTB23SNE	FENDER	REDING J & TRU	✓
CTB27SSW	WARWICK	REDING J & TRU	✓
CTB33SNE	ERNIEBALL	REDING J & TRU	✓
EVO22SE	EC MAPPING	** Do Not Use **	✓

Create Management Zones (MZ)

Available Data Sources

Name	DataType	Years	Notes	Created By	Creation Time
Soil_Sample_Points_2011_Surface_2011092109415948...	SOIL_SAMPLE			Wade Broom	09/21/2011 09:42:14 AM
C200_B55_Surface_201109210941540755	SOIL_TYPE			Wade Broom	09/21/2011 09:41:59 AM

► If available, you may choose to create a MZ from a PYD.

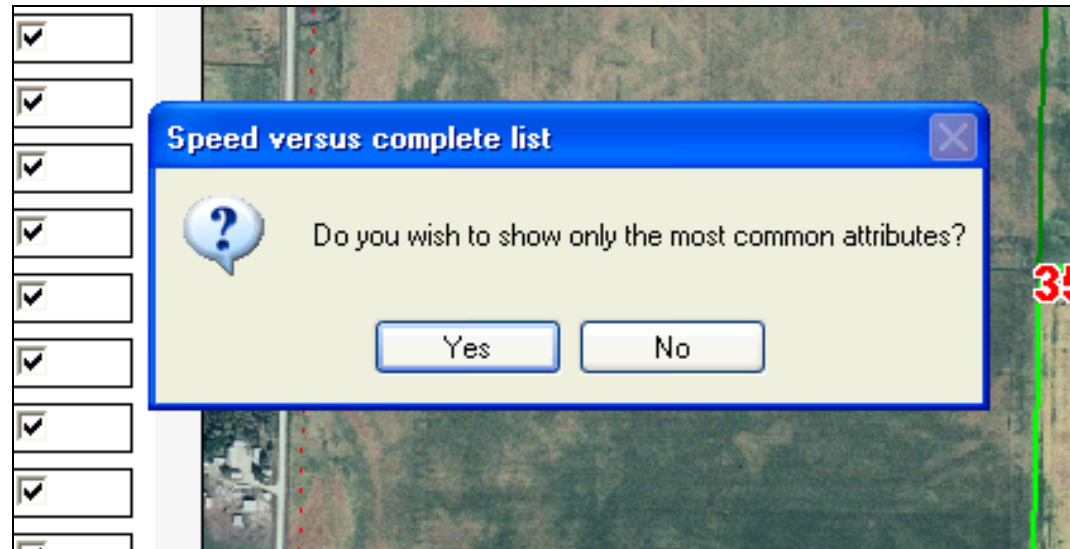
SSURGO

► Otherwise, choose SSURGO

OK Cancel

Create Management Zones (MZ)

- ▶ 'Yes' will give you a shorter list
- ▶ 'No' will show you all available attributes
- ▶ Example of common attributes: CSR, Corn Yield, Soybean Yield, LCC



Create Management Zones (MZ)

- ▶ Choose base layer
 - Auto Classify
 - Manually Classify

The screenshot displays the SOILMAP software interface. On the left, a table lists column names and their unique counts. The table has two columns: 'ColumnName' and 'UniqueCount'. The rows are: Symbol (9), Name (9), CSR (7), ComYld (7), BeanYld (7), DmClass (4), nitrcapcl (3), pHlow (4), and LCC (5). The rows are color-coded: red for Symbol, Name, DmClass, and nitrcapcl; yellow for ComYld, BeanYld, and pHlow; and blue for CSR and LCC. Below the table is a legend with three entries: a red asterisk for 'Individual Values', an orange asterisk for 'Either', and a yellow asterisk for 'Classify'. A red box labeled 'Manually Classify the Zones' points to the red asterisk. A yellow box labeled 'Program will Classify the Zones' points to the yellow asterisk. An orange box labeled 'Both options' points to both the red and yellow asterisks. To the right of the table is a map grid with a green boundary and a red dashed line. A dialog box titled '7 unique values' is open, containing a question mark icon and the text: 'Hit "YES" to Classify. Hit "NO" to use Individual value themes.' The dialog has three buttons: 'Yes', 'No', and 'Cancel'. At the bottom right of the map area is a zoom control slider.

ColumnName	UniqueCount
Symbol	9
Name	9
CSR	7
ComYld	7
BeanYld	7
DmClass	4
nitrcapcl	3
pHlow	4
LCC	5

Manually Classify the Zones

Both options

Program will Classify the Zones

- * Red - Individual Values
- * Orange - Either
- * Yellow - Classify

7 unique values

Hit "YES" to Classify.
Hit "NO" to use Individual value themes.

Yes No Cancel

When 'Yes'

Classify by CSR

Legend

CSR Levels

Black	70 to 77	(1668)
Tan	65 to 70	(63)
White	49 to 65	(431)
Magenta	all others	(0)

Zones by

Ranges: 3

Equal Count

Equal Ranges

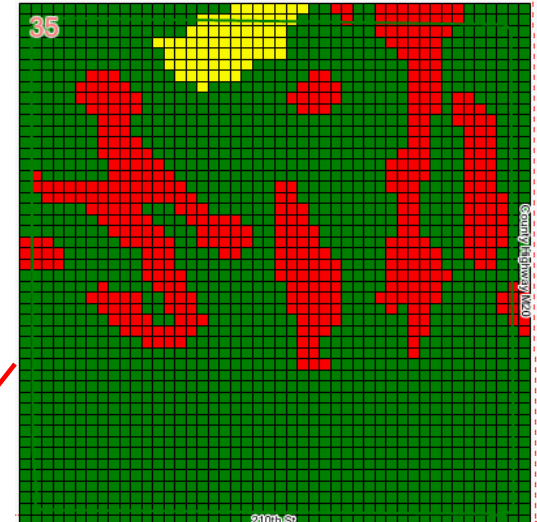
Natural Break

Standard Deviation

Custom

Set (down arrow) Set (up arrow)

OK Cancel



- ▶ Select the settings that will give you the best representation of the field

When 'No'

Select row, select Class and Subclass then Apply until all have been assigned.

AttributeColumn	Class	SubClass
49		
55		
57		
65		
70		
72		
77		

Select row, select Class and Subclass then Apply until all have been assigned.

AttributeColumn	Class	SubClass
49	C	
55	C	
57	B	
65	B	
70	A	
72	A	
77	A	

Management Zones

- A (1668)
- B (147)
- C (347)
- all others (0)

► Manually Classify the Zones

Create Management Zones (MZ)

- ▶ Set Goals for each Zone
 - Add/Set test blocks

- ▶ Save

Management Zone

Column Nam	A	A-HIGH CH	B	C	C-LOW CHE	OutOfBound
Relative Yiel...	-1	-1	-1	-1	-1	-1
Relative Yiel...	-1	-1	-1	-1	-1	-1
Relative Yiel...	-1	-1	-1	-1	-1	-1
Corn Yield	220	230	210	200	200	100
Soybean Yi...	60	70	50	40	40	20
Corn Rate	36000	38000	34000	32000	30000	25000
Bean 1 Rate	160000	180000	70000	0	0	60000
Bean 2 Rate	0	0	70000	120000	100000	60000

Legend

mzRateCorn Levels

- 39000 - 41000
- 38000 - 39000
- 37000 - 38000
- 36000 - 37000
- 35000 - 36000
- 34000 - 35000
- 33000 - 34000
- 32000 - 33000
- 31000 - 32000
- 30000 - 31000
- 25000 - 30000
- All Others

Zones

C [Set]

Plot Blocks

Low Normal High

Out Of Bounds

Average [Update]

Hide Misc Columns

OK Cancel

▶ Note - Bean 1 Rate and Bean 2 Rate allow for MVP

Create VRT Rec Using MZ

▶ Getting Started

The screenshot shows the SoilMap software interface. The top menu bar includes 'Settings' and 'Help'. Below it, the 'Field' menu is open, showing options like 'Archive Field', 'Add Field', 'Edit Field', 'Book Products', 'Create', 'Delete', 'Export', 'DM Program', 'Merge Lab Data', 'Plan', and 'Print'. The 'Create' option is highlighted, and a sub-menu is open, showing 'Book', 'Plan Summary', 'Management Zone Book', 'Sign-up', 'Soil-Type Book', 'VRT Recommendation', and 'VRT Recommendation (FSA Acres)'. The 'VRT Recommendation' option is highlighted. The main window displays a map of a farm with a grid of yellow stars representing field boundaries. The map is titled 'Field View: EAST' and shows 'Farm: 158.11 Field: 158.11 acres'. The map also shows a 'Zoom' level of 'Iowa Osceola Allison 35' and a 'Visible Layers' dropdown menu. The left sidebar shows a tree view with 'MAPS Code' and 'Farm Data' sections. The 'MAPS Code' section is expanded, showing a list of fields with their respective farm names and account names.

MAPS Code	Farm Name	Account Name	IsActive
ALS215E			
ALS295C			
ALS35NE			
ALS35SE			
ALS35SE	EAST	0.00	158.11
ALS36NW	CHIPPER	REDING J & TRU	✓
BKD16S	A46	REDING J & TRU	✓
BKD19ENE	L50	REDING J & TRU	✓
BKD20SSE	A48	REDING J & TRU	✓
BKD25NSE	RALPHIE	REDING J & TRU	✓
BKD35NE	CORNBREAD	REDING J & TRU	✓
CTB02SE	TYLER	REDING J & TRU	✓
CTB09ALL	SORREL	REDING J & TRU	✓

Create VRT Rec Using MZ

Relationships Define Rates Fertilizer Products Field Rec Map Output Load Sheet

Field Rec Type

Fertilizer / Chemical from Farm Rec

Fertilizer from Management Zone

Seed from Management Zone

Parent [Details](#)

mz_DA_TEST1

Current Field Rec

Available Templates

Template Definition

► Choose your MZ as Parent Rec

► Select: 'Fertilizer from Management Zone'

Create VRT Rec Using MZ

Relationships Define Rates Fertilizer Products Field Rec Map Output Load Sheet

Field Rec Type

- Fertilizer / Chemical from Farm Rec
- Fertilizer from Management Zone
- Seed from Management Zone

Parent Details

mz_DA_TEST1

Current Field Rec

Wade Broom would you like to accept charges on 55,960 acres and continue?

Yes No

Template Definition

Apply

- ▶ When using a MZ in place of a farm rec you will receive this message

Create VRT Rec Using MZ

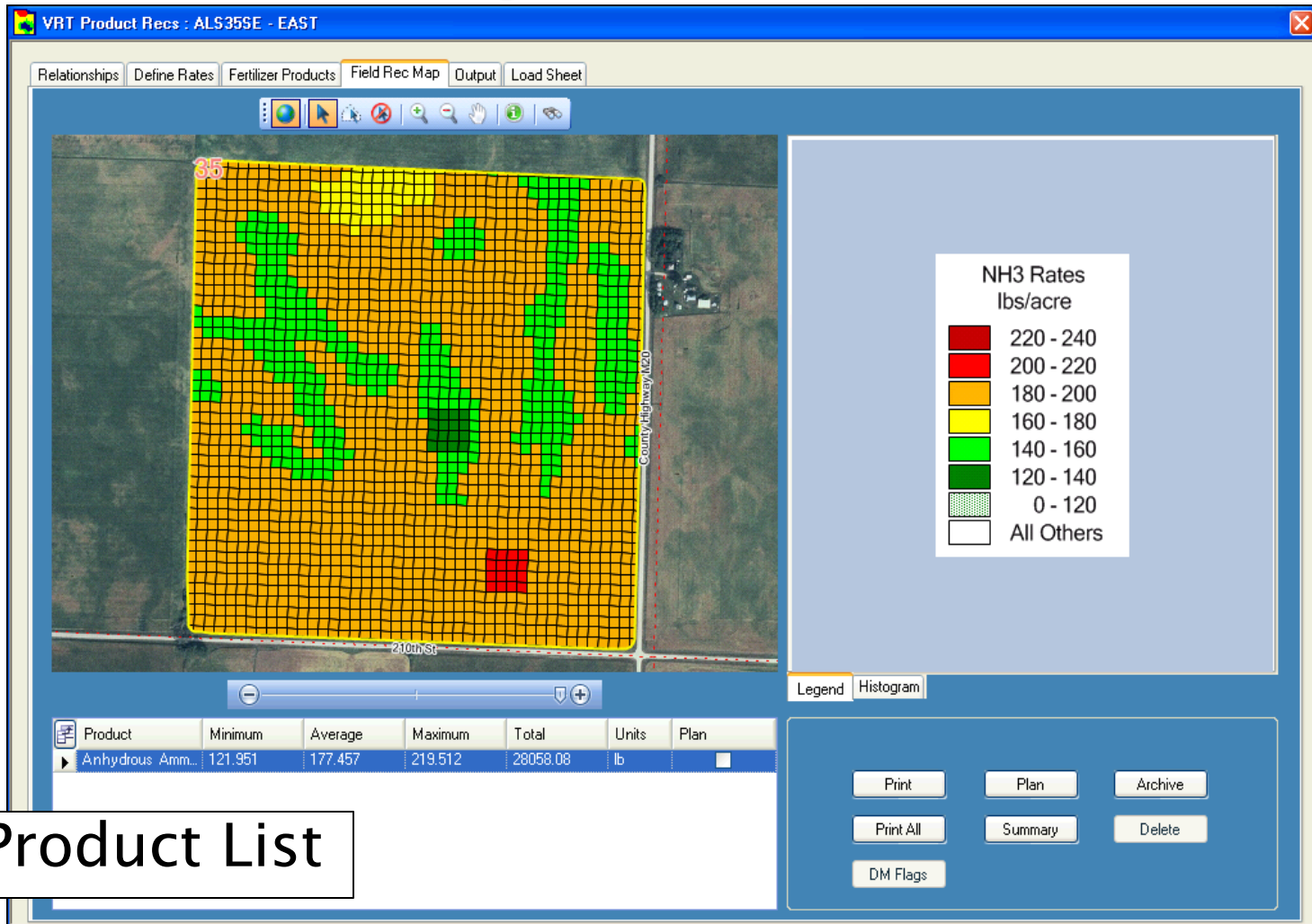
Relationships Define Rates Fertilizer Products Field Rec Map Output Load Sheet

Set "Actual" nutrient vales for each nutrient by Zone and /or Test Block.

Zone	Test Block	N	P	K	Ca	Mg	S	B	Cu	Fe	Mn	Zn	ECCE
A		150	0	0	0	0	0	0	0	0	0	0	0
A	HIGH CHECK	180	0	0	0	0	0	0	0	0	0	0	0
B		140	0	0	0	0	0	0	0	0	0	0	0
C		130	0	0	0	0	0	0	0	0	0	0	0
C	LOW CHECK	100	0	0	0	0	0	0	0	0	0	0	0
OutOfBounds		140	0	0	0	0	0	0	0	0	0	0	0

- Define Rates: set '**Actual**' nutrient values for each Zone

Field Rec Map



► Product List

Output Files

- ▶ Select your Controller
- ▶ Email the files
- ▶ Save setting as a template for use with alike fields

VRT Product Recs : ALS35SE - EAST

Relationships | Define Rates | Fertilizer Products | Field Rec Map | **Output** | Load Sheet

Controllers / Products | Settings

Controller	Create	Email	Properties
Ag Leader MSF Publisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ag Leader TGT Publisher	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Product			
Anhydrous Ammonia	28058.23	lb	<input checked="" type="checkbox"/>
AgLeader IRX Publisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AgView Prescriptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AIM Prescriptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ATS Falcon Publisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ATS FIELDSTAR Publisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ATS Task Controller Publisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deere GS1 Publisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deere GS2 Publisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flexi-Coil Publisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mid-Tech Prescriptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Raven Viper Prescriptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shapefile Prescriptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SiteMate Prescriptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trimble FMD Prescriptions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SaveTemplate * Double click controller row to view or change properties. * Right click controller row to view previously sent emails. Create

Email Files

Send Email - AgLeader IRX Publisher - ALS35SE

To... Note - Separate additional typed in addresses with a comma.

Cc...

Subject:

► Send the pdf and controller compatible files via email

.....
Split # 4562401 REDING J & TRUST
158.1 ACRES
Tuesday, August 14, 2012 4:40 PM
.....
M.A.P.S.
BROOM, WADE
M40
Osceola Allison 35
ALS35SE
EAST
.....
~ Anhydrous Ammonia: 28058.23 lb
.....

Respond Actions Junk E-mail Options Find

From: soilmapdelivery@soilmap.com Sent: Tue 8/14/2012 4:48 PM
To: Wade Broom
Cc:
Subject: AgLeader IRX Publisher files for GROWER: Broom, Wade FARM: M40 FIELD: East - ALS35SE

Message | 72462.pdf (227 KB) | RecFiles.zip (905 B)

IRXPublisher Files

LoadSheet 72462 is attached.

Split # 4562401 REDING J & TRUST
158.1 ACRES
Tuesday, August 14, 2012 4:45 PM

M.A.P.S.
BROOM, WADE
M40
Osceola Allison 35
ALS35SE
EAST

Anhydrous Ammonia: 28058.23 lb

NH3 rates are in pounds of Actual N on the spread files.
IRXPublisher



Load Sheet

Relationships Define Rates Fertilizer Products Field Rec Map Output **Load Sheet**


Archive Delete Upload Recommendation has 1 load sheet. Load Sheet ID 72467

1 / 1 92.3% Find

Load Sheet 72467

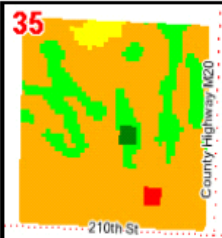
mz_Hi_Low_Check_Field_Rec_Test3

DM: BROOM, WADE
Farm: M40
Field: EAST
Code: **ALS35SE**



Company: MAPS
Location: FORT DODGE
Salesman: PATRICK OLMSTEAD
Created: 8/15/2012 9:14:51 AM

35



NH3	
220 - 240	Red
200 - 220	Dark Red
180 - 200	Orange
160 - 180	Yellow
140 - 160	Light Green
120 - 140	Green
0 - 120	Dark Green
All Others	White

Notes

- ▶ Select your load sheet by Load Sheet ID
- ▶ Print/Save

Questions?