

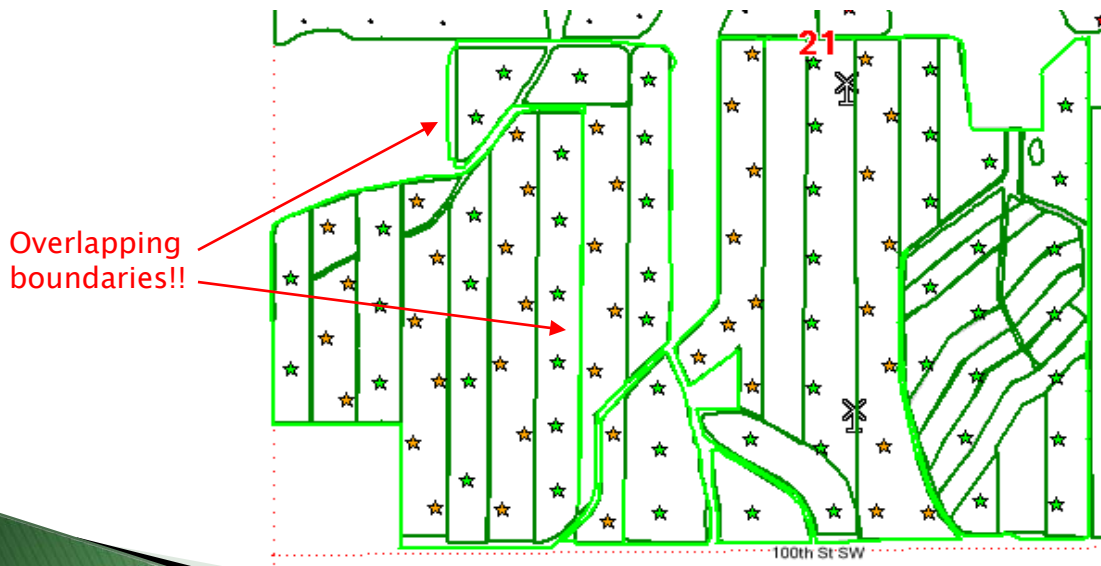
# Partial Application

- ▶ **How To:** Create Partial Application Zones for Straight Rate Applications.



# Partial Application

- ▶ Create Application Zones
- ▶ Adjust Extents to Achieve the Correct Acres
- ▶ Fast and Simple
- ▶ Reduce Geography Errors and Field Clutter



MAPS Code	Farm Name	Account Name	IsActive
NTW20NNC	HOME FARM		<input checked="" type="checkbox"/>
MAPS Code	Field Name	FSA Acres	GIS Acres
NTW17SE3A	HOME 2	0.00	11.43
NTW17SE3B	HOME 3	0.00	3.09
NTW17SE3C	HOME 4	0.00	3.96
NTW17SE3D	HOME 5	0.00	5.91
NTW17SE3E	HOME 6	0.00	9.72
NTW17SE4	HOME 1	0.00	5.06
NTW20NE1B	HOME 8	0.00	4.48
NTW20NE4A	HOME 13	0.00	6.10
NTW20NE4B	HOME 14	0.00	2.18
NTW20NE4C	HOME 15	0.00	3.25
NTW20NE4D	HOME 16	0.00	7.31
NTW20NE4E	HOME 17	0.00	5.02
NTW20NNC	ALL	112.13	112.71
NTW20NW1A	HOME 7	0.00	6.13
NTW20NW1C	HOME 9	0.00	5.08
NTW20NW1D	HOME 10	0.00	4.68
NTW20NW1E	HOME 11	0.00	4.71
NTW20NW1F	HOME 12	0.00	6.69

FarmData

Farm Maps

Data Surface

18 fields!!

# Partial Application

▶ Getting Started

The screenshot shows the SoilMap software interface. On the left is a tree view with folders for 'FarmData', 'Farm Maps', and 'Data Surface'. The main area displays a list of fields with columns for 'MAPS Code', 'Field Name', 'FSA Acres', and 'GIS Acres'. A context menu is open over the 'CTB225' field, showing options like 'Archive Field', 'Add Field', 'Edit Field', 'Book Products', 'Create', 'Delete', 'Export', 'DM Program', 'Merge Lab Data', 'Plan', and 'Print'. The 'Print' option is expanded to show 'Aerial Application', 'Fertilizer Blend', 'Fertilizer VRT (do not blend)', 'Lime', 'NH3', and 'Water'. The 'Fertilizer Blend' option is further expanded to show 'Dry' and 'Liquid'. On the right, a map view shows an aerial image of a field with a yellow grid overlay. The grid is labeled '22' in the bottom right corner. The top status bar shows 'Farm: 231.62 Field: 231.62 acres' and 'Zoom: Iowa Obrien Center 22'.

MAPS Code	Field Name	FSA Acres	GIS Acres
ALS21SE			
ALS29SC			
ALS35NE			
ALS35SE			
ALS36NW			
BK016S			
BK018SE	TEST1		
BK019ENE	L50		
BK020SSE	A48		
BK025NSE	RALPHIE		
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	✓
CTB22S	MARTIN	0.00	231.62

# Partial Application

Calculate Blend Sheet

1) Select Blender  
Blender: Aerial Application  
Inventory Location: Fort Dodge

2) Acres  
 GIS  
 Over-ride 231.62  
 Partial 0.00

3) Water Rate: 25.000

Blend	Item Number	Item	Creation Date	Crop Year	Rate	rate units	GIS Acres	Product Acres	Total
<input type="checkbox"/>	00000060030	46-0-0 UREA B...	07/13/2012 02:29...	2012	245.2741	lb	231.62	0	0
<input type="checkbox"/>	00000060040	18-46-0 DAP B...	07/13/2012 02:29...	2012	206.5217	lb	231.62	0	0
<input checked="" type="checkbox"/>	00000060010	0-0-60 POTASH...	07/13/2012 02:29...	2012	100	lb	231.62	0	0
<input type="checkbox"/>	0710283	ROUNDUP WE...	07/13/2012 02:29...	2012	24	oz	231.62	0	0
<input type="checkbox"/>	00000080585	CUSTOM SPRA...	07/13/2012 02:29...	2012	1	trip	231.62	0	0
<input type="checkbox"/>	00000000	Water			25	gal	231.62	0	0

1: Select 'Partial' radio button.

2: Click partial button

Required amounts

	Total	Per Batch	Per Acre
Pounds	<input type="text"/>	<input type="text"/>	<input type="text"/>
Cubic Feet	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gallons	<input type="text"/>	<input type="text"/>	<input type="text"/>
Minutes	<input type="text"/>	<input type="text"/>	<input type="text"/>
Acres	<input type="text"/>	<input type="text"/>	<input type="text"/>

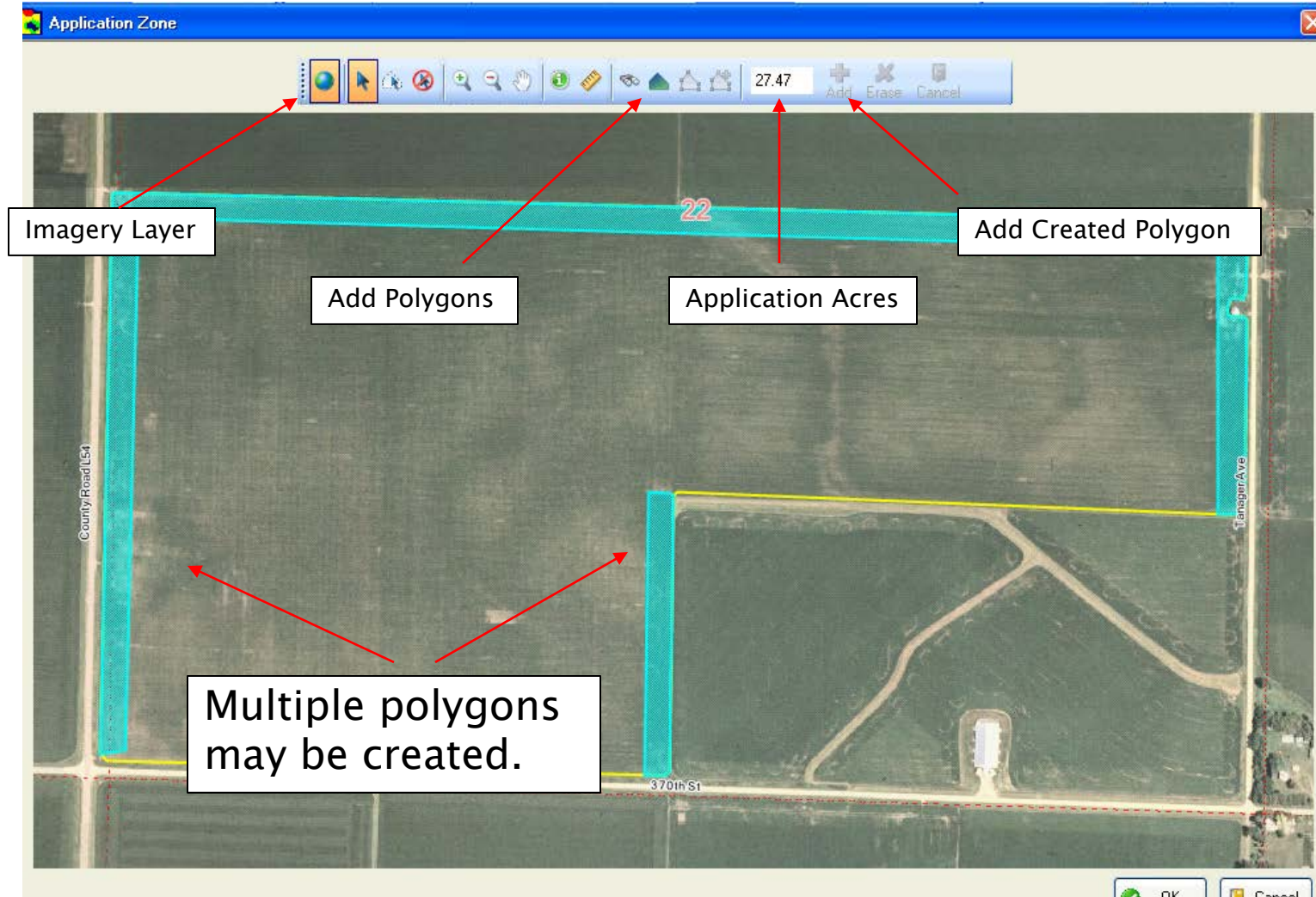
Plant Food: N  P  K  S  Zn

Grade:

4) Calculate  
Choose products to BLEND above, then hit CALCULATE.  
Calculate  
Confirm number of batches: 0  
Width of Tender Map in miles: 8  
Optional Tender Map Notes

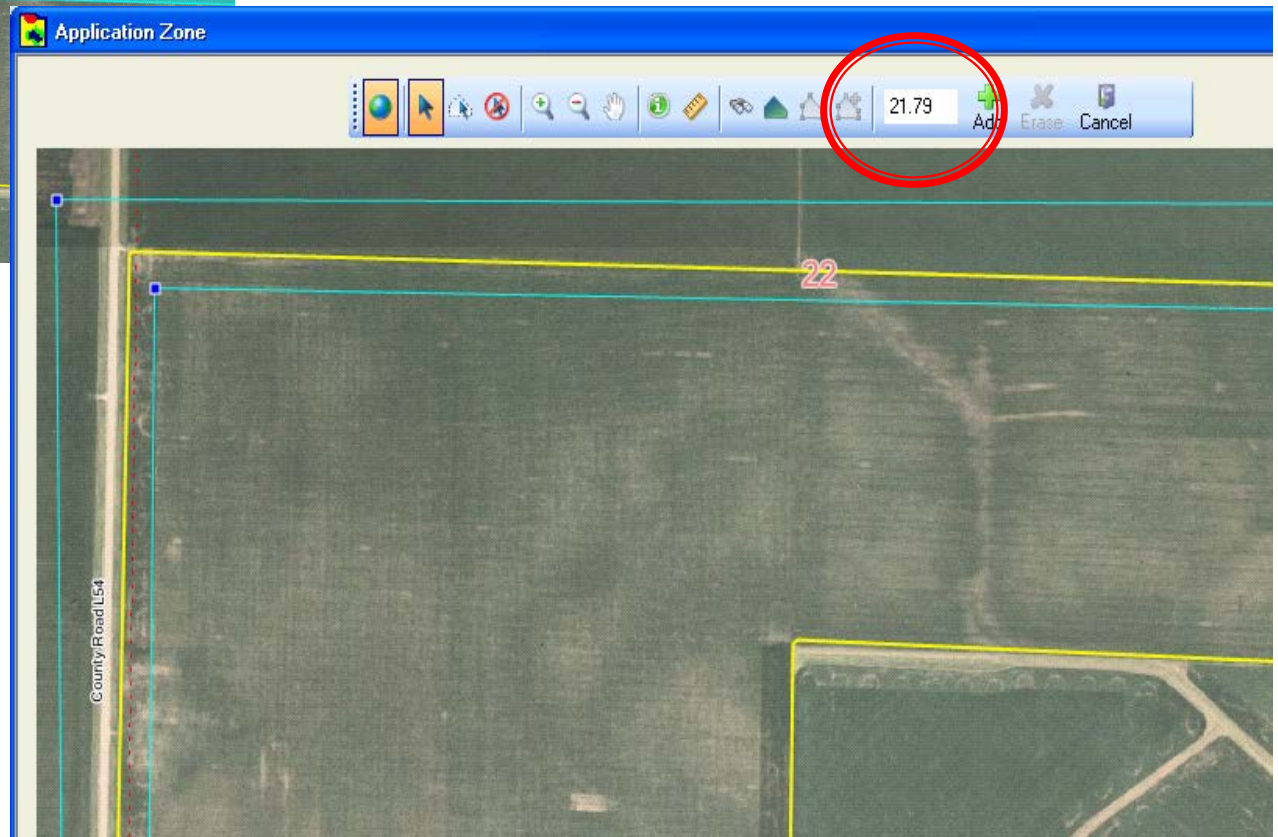
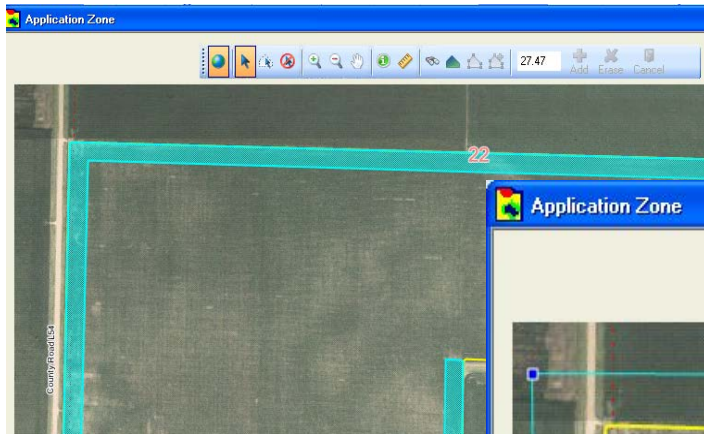
Forgot some products?  
Add  
OK Cancel

# Partial Application



# Partial Application

❖ Note: Only acres within field boundary are displayed



# Partial Application

**Calculate Blend Sheet**

1) Select Blender  
 Blender: Aerial Application  
 Inventory Location: Fort Dodge

2) Acres  
 GIS  
 Over-ride: 231.62  
 Partial: 39.64

3) Water Rate: 25.000

**Verify acres**

Blend	Item Number	Item	Creation Date	Crop Year	Rate	rate units	GIS Acres	Product Acres	Total
<input type="checkbox"/>	000000060030	46-0-0 UREA B...	07/13/2012 02:29...	2012	245.2741	lb	231.62	39.64	9722.66532
<input type="checkbox"/>	000000060040	18-46-0 DAP B...	07/13/2012 02:29...	2012	206.5217	lb	231.62	39.64	8186.52018
<input type="checkbox"/>	000000060010	0-0-60 POTASH...	07/13/2012 02:29...	2012	100	lb	231.62	39.64	3964
<input checked="" type="checkbox"/>	0710283	ROUNDUP WE...	07/13/2012 02:29...	2012	24	oz	231.62	39.64	7.4325
<input checked="" type="checkbox"/>	000000080585	CUSTOM SPRA...	07/13/2012 02:29...	2012	1	trip	231.62	39.64	39.64
<input checked="" type="checkbox"/>	000000000000	Water			25	gal	231.62	39.64	991

**Choose Products or; Add if you missed one**

4) Calculate

Required amounts

	Total	Per Batch	Per Acre
Pounds	8349	8349	210.6
Cubic Feet	133	133	3.4
Gallons	998	998	25.2
Minutes			
Acres	39.64	39.64	

Plant Food: N 0 P 0 K 0 S 0 Zn 0  
 Grade: 0 0 0 0 0

Confirm number of batches: 1  
 Width of Tender Map in miles: 8

Optional Tender Map Notes

Forgot some products? Add

Calculate

OK Cancel

**Calculate**

# Create/Send the Blend Sheet

**MAPS**  
MIDWEST AGRONOMIC PROFESSIONAL SERVICES™

### Custom Application LIQUID FERTILIZER

210008  
Aerial Application  
Patrick Olmstead  
515-955-9004

Split # 4562401  
Split : REDING J & TRUST

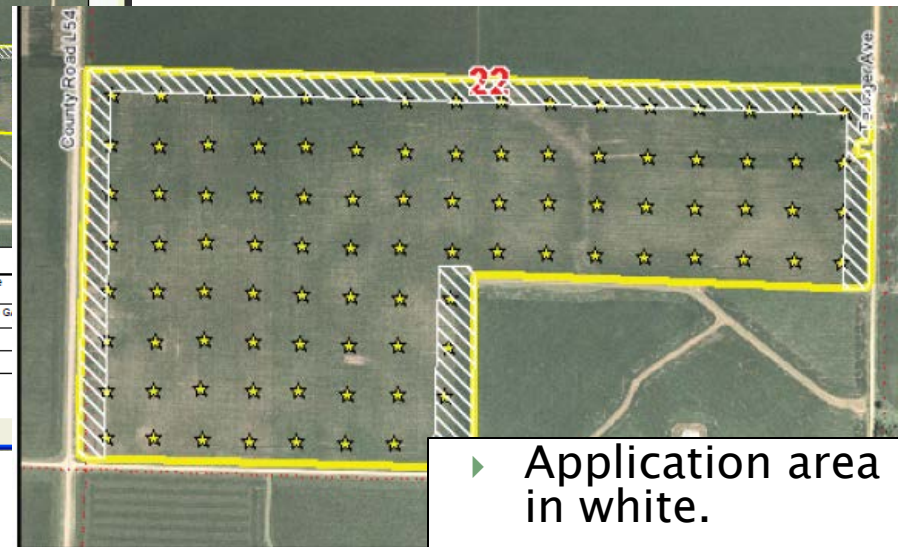
Farm	TAYLOR
Field	MARTIN
MapCode	CTB22S
County	Obrien
Township	Center
Section	22
Field Acres	39.6 of 231.6 Acres * PARTIAL APPLICATION

Temperature	
Wind Direction	
Wind Speed	
Crop	Past (2011) - <Unassigned>- 231.62 ac Current (2012) - <Unassigned>- 231.62 ac
Target Pest	

	N	P2O5	K2O	S	Zn
Guaranteed Analysis	0.0	0.0	0.0	0.0	0.0
Plant Food	0	0	0	0	0
at Application Rate	25 gal/acre				

W.O. #	Item	Product	Active Ingredient	Rate/Acre	Per Batch	Scale Stop
		Water		25 gal	991 GAL	990 G.
710283		ROUNDUP WEATHERMAX Bulk	Glyphosate 524-537	24 oz	7.43 GAL	
80585		CUSTOM SPRAYING		1 tnp		

- ▶ **Email:** sends the pdf to the proper location/people
- ▶ **Book:** sends the order to accounting
- ▶ **Archive:** get rid of this one and start over
- ▶ **Share:** across companies that you work with



- ▶ Application area in white.



# Partial Application

The screenshot displays the SoilMap application interface. At the top, the status bar shows 'Farm: 231.62 Field: 231.62 acres' and 'Field View: MARTIN'. Below this, there are navigation and tool icons. The main interface is divided into several sections:

- Settings:** Includes 'D.M.', 'Farm', and 'Field' dropdowns, 'Crop Year: 2012', 'Company: MAPS', and 'Decision Maker: BROOM, WADE'.
- Farm List:** A table listing farms with columns for MAPS Code, Farm Name, Account Name, and IsActive.
- Field List:** A table listing fields with columns for MAPS Code, Field Name, FSA Acres, and GIS Acres.
- Report Tree:** A hierarchical tree structure on the left side of the interface.
- Map View:** An aerial satellite view of a field with a yellow outline and a grid of yellow stars. The field is labeled '22' in red. Surrounding roads are labeled 'County Road 154' and '370th St'.

MAPS Code	Farm Name	Account Name	IsActive
BKQ25NSE	RALPHIE	REDING J & TRU	✓
BKQ35NE	CORNBREAD	REDING J & TRU	✓
CTB02SE	TYLER	REDING J & TRU	✓
CTB08ALL	SORREL	REDING J & TRU	✓
CTB13ALL	LIMOSINE	REDING J & TRU	✓
CTB22S	TAYLOR	REDING J & TRU	✓

MAPS Code	Field Name	FSA Acres	GIS Acres
CTB22S	MARTIN	0.00	231.62

ReportType	Blender	CreationDate	
Liquid Fert Blend	Aerial Application	08/13/2012	w

▶ Double Click to Open from tree

Questions?