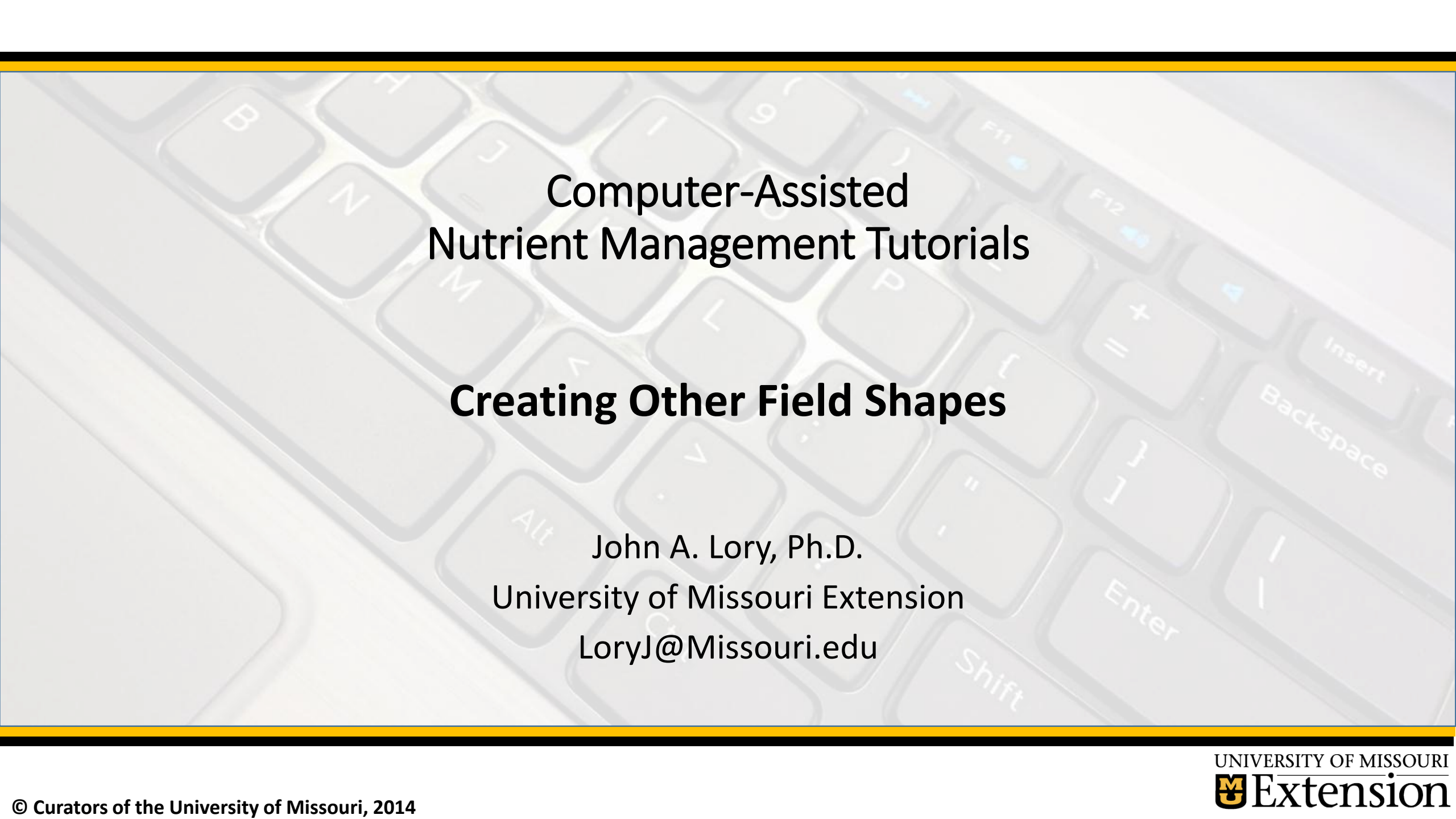


The background of the slide is a close-up, slightly angled photograph of a computer keyboard. The keys are light-colored with dark lettering. Visible keys include 'B', 'N', 'M', 'J', 'I', '9', 'F11', 'F12', '+', '=', '[', '}', ']', 'Backspace', 'Enter', and 'Shift'. The text is centered over this background.

Computer-Assisted Nutrient Management Tutorials

Creating Other Field Shapes

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What we cover

- Drawing neighboring fields.
- Dealing with “donut hole” field shapes.
- Multi-part fields.

More on delineating fields: Neighboring fields

[PROJECT MGMT] [**MAPPING**] [NUTRIENT MGMT] [ABOUT]

Welcome **Training_Account** ! [Log Out](#)

Location of MU_Example_Farm: MO, Boone County

Map View:

MAP CONTROLS

<input checked="" type="button" value="On"/> Off	Mouse wheel zoom
On <input checked="" type="button" value="Off"/>	Labels
<input checked="" type="button" value="On"/> Off	Setbacks
On <input checked="" type="button" value="Off"/>	Administrative Boundaries ?
On <input checked="" type="button" value="Off"/>	Soils ?

[Zoom to all Features](#)

FIELD TOOLS

Click a field in the map to select it.

[Create New Field](#)

[Edit Field](#)

[Delete Field](#)

[Update Soils](#) [?](#)

More on delineating fields: Neighboring fields

When drawing a field, overlap existing fields.

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Location of MU_Example_Farm: MO, Boone County

Map View:

ADD FIELD

Mouse wheel zoom

Labels

Setbacks

Administrative Boundaries ⓘ

Soils ⓘ

Google

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MO, Bo

MO, Bo

An aerial photograph showing a landscape with a blue line tracing a path. The path starts in a forested area at the top, moves down through a field, and then turns right to follow a boundary between a field and a wooded area. The fields are light brown and green, while the wooded areas are dark green. The blue line is a solid, vibrant color.

Donut Hole Fields: Step 1. Draw the whole-field .

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Location of MU_Example_Farm: MO, Boone County

Map View: **On** **Off**

ADD FIELD

[Add Path](#) [Delete Last Pt](#) [Delete All Pts](#) [Submit](#)

Map controls:

- On** **Off** Mouse wheel zoom
- On** **Off** Labels
- On** **Off** Setbacks
- On** **Off** Administrative Boundaries
- On** **Off** Soils

[Zoom to all Features](#)

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Donut Hole Fields: Step 2. Select “Add Path”.

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Location of MU_Example_Farm: MO, Boone County

Map View:

ADD FIELD

Map Controls:

- Mouse wheel zoom
- Labels
- Setbacks
- Administrative Boundaries
- Soils

Google

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Donut Hole Fields: Step 3. Delineate the “donut hole”.

Note that problems can occur if the donut hole crosses an existing field boundary.

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Location of MU_Example_Farm: MO, Boone County

Map View:

ADD FIELD

Satellite

MAP CONTROLS

<input checked="" type="button" value="On"/>	Off	Mouse wheel zoom
On	<input checked="" type="button" value="Off"/>	Labels
<input checked="" type="button" value="On"/>	Off	Setbacks
On	<input checked="" type="button" value="Off"/>	Administrative Boundaries ⓘ
On	<input checked="" type="button" value="Off"/>	Soils ⓘ

Google

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Donut Hole Fields: Step 4. Select "Submit".

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Location of MU_Example_Farm: MO, Boone County

Map View:

ADD FIELD

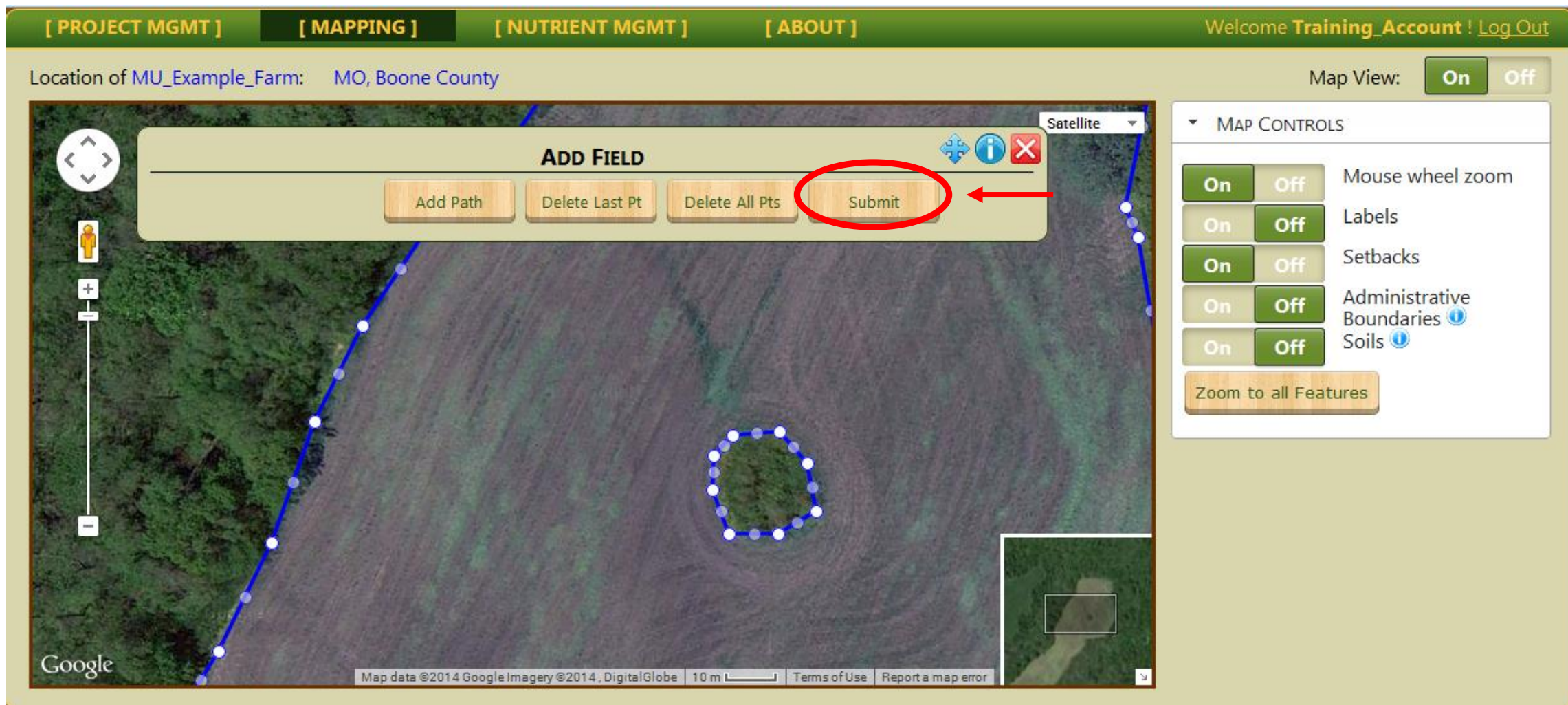
Satellite

MAP CONTROLS

<input checked="" type="button" value="On"/>	Off	Mouse wheel zoom
On	<input checked="" type="button" value="Off"/>	Labels
<input checked="" type="button" value="On"/>	Off	Setbacks
On	<input checked="" type="button" value="Off"/>	Administrative Boundaries ?
On	<input checked="" type="button" value="Off"/>	Soils ?

Google

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Donut Hole Field

Note that you can also add donut holes from the “Edit Field” tool.

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Location of MU_Example_Farm: MO, Boone County

Map View:

MAP CONTROLS

<input checked="" type="button" value="On"/> Off	Mouse wheel zoom
On <input checked="" type="button" value="Off"/>	Labels
<input checked="" type="button" value="On"/> Off	Setbacks
On <input checked="" type="button" value="Off"/>	Administrative Boundaries ?
On <input checked="" type="button" value="Off"/>	Soils ?

FIELD TOOLS

Click a field in the map to select it.

[?](#)

The screenshot displays a web-based mapping application. At the top, a green navigation bar contains links for [PROJECT MGMT], [MAPPING], [NUTRIENT MGMT], [NEWS], and [ABOUT]. A user greeting 'Welcome Training Account ! Log Out' is on the right. Below the navigation bar, the location 'MU_Example_Farm: MO, Boone County' is specified. The main map area shows a satellite view of a field with a blue outline and a central 'donut hole'. Map controls on the right allow toggling 'Mouse wheel zoom', 'Labels', 'Setbacks', 'Administrative Boundaries', and 'Soils'. A 'Zoom to all Features' button is also present. Below the map controls, the 'FIELD TOOLS' section includes buttons for 'Create New Field', 'Edit Field', 'Delete Field', and 'Update Soils'. The map itself has a compass, a person icon, and zoom in/out buttons on the left. A scale bar at the bottom indicates 20 meters. An inset map in the bottom right corner shows the location within a larger regional context.

Multi-Part Field

[\[PROJECT MGMT \]](#) [\[MAPPING \]](#) [\[NUTRIENT MGMT \]](#) [\[NEWS \]](#) [\[ABOUT \]](#)

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Location of MU_Example_Farm: MO, Boone County

Map View:

MAP CONTROLS

<input checked="" type="button" value="On"/>	Off	Mouse wheel zoom
<input checked="" type="button" value="On"/>	<input checked="" type="button" value="Off"/>	Labels
<input checked="" type="button" value="On"/>	Off	Setbacks
On	<input checked="" type="button" value="Off"/>	Administrative Boundaries
On	<input checked="" type="button" value="Off"/>	Soils

Zoom to all Features

FIELD TOOLS

Click a field in the map to select it.

Create New Field

Edit Field

Delete Field

Update Soils

SETBACK TOOLS

MANURE STORAGE TOOLS

PRINT MAPS

Multi-Part Field: Step one. Draw first part of field.

[PROJECT MGMT] [MAPPING] [NUTRIENT MGMT] [NEWS] [ABOUT]

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Location of MU_Example_Farm: MO, Boone County

Map View:

ADD FIELD

MAP CONTROLS

<input checked="" type="button" value="On"/>	Off	Mouse wheel zoom
<input checked="" type="button" value="On"/>	Off	Labels
<input checked="" type="button" value="On"/>	Off	Setbacks
<input checked="" type="button" value="On"/>	Off	Administrative Boundaries ?
<input checked="" type="button" value="On"/>	Off	Soils ?

Google

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Missouri

Missouri

Missouri

240

[MAPPING]

Multi-Part Field: Step two. Draw second part of field.

: MO, Bo



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Location of MU_Example_Farm: MO, Boone County

Map View: ☒ On ☐ Off

ADD FIELD

Satellite

MAP CONTROLS

☒ On	☐ Off	Mouse wheel zoom
☐ On	☒ Off	Labels
☒ On	☐ Off	Setbacks
☐ On	☒ Off	Administrative Boundaries
☐ On	☒ Off	Soils

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Missouri

Missouri

Missouri

240

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[\[MAPPING \]](#)
[\[NUTRIENT MGMT \]](#)
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For more information on NMTracker.

- NMTracker website at nmtracker.missouri.edu.
- NMTracker tutorials at <http://nmplanner.missouri.edu/software/nmtracker.asp>.
- For information on program development contact [John Lory](#).
- For information on software implementation contact [Kevin Atherton](#)
- Other Nutrient Management resources at nmplanner.missouri.edu.