

2014 Crop Management Diagnostic Clinics – Precision Ag

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Washington County, NE

Soil pH

pH = 4.4
BpH = 5.8

pH = 5.2
BpH = 6.1

Importance of soil pH

- Nutrient availability
- Microbial processes
- Crop preferences
- Herbicide activity
- Tillage system

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Liming Rate

Saunders County, NE

(a) (b) (c)

Liming Rate Mg/ha

< 1
1 - 2
2 - 3
3 - 4
4 - 5
5 - 6
> 6

Liming Rate Mg/ha

< 1
1 - 2
2 - 3
3 - 4
4 - 5
5 - 6
6 - 7
> 7

Liming Rate Mg/ha

0
2

Figure 0.9 Contour maps of LR for Williams field based on 1-ha grid sampling (a), on-the-go mapping (b), and field average (c).

Source: A. Jonjak. 2011. Analysis of site-specific adjustment applied on-the-go soil sensing data for agronomic use. UNL-BSE Thesis

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