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Namendag New And - south		Vers	ie Esterant I topo			
Fettlaer		Cree .				
Stript		Sel.	+			
Location and Tear						
Lation 7		Growing Season				
1898		201				
Longhule						
(1994)						
but and Dimes						
Tings Tore		but from 7				
Greetend		Ot	1.9			
Previous Crop		Local Dimeter (ARDI)				
(2m)		10-11.75 mm				
Price and Card						
Test Price (202) She : Mean		Fertiliaer Control Shigh Mean				
154		142				
Net Prov (UD) She Standard Devator		Pertiliar Coll (USD) Big Elevated Devalue				

Keport (E-mail) Viacheslav: Based on the information provided, please find our best estimate of the probable effect of Nitrogen fertilization on the expected Net Return over Cost of Fertilization (NRCF) for the conditions specified. Maximum expected NRCF is achieved with 170 kg/ha rate of fertilization. However, please apply your risk										
preference when selecting the right application rate and accept our best wishes for your farming operation.										
		Corn	50-75	Corn	2017	Clay	Conv	entional		
	Tabulated results:	N rate kg/ha	NRCF > 1000 \$/ha	NRCF > 1500 \$/ha	NRCNF > 2000	NRCF > 2500 \$/ha	Expecte d NRCF \$/ha	EFB \$/ha		
		0	19 %	1 %	0 %	0 %	640	0		
		10	33 %	6 %	1 %	0 %	870	230		
		200	:	:	:	:	: 1586	: 946		
		200	01 /0		22 /0	11 /6	1580	340		







Summary

- The proposed decision support system enables
 - the determination of the optimum average application rate that maximizes expected profits (net return over cost of fertilization)
 - to define the range of such rates for a case of variable rate application
- Uncertainty-based treatment of each model input and dynamic data exchange with the underlying production function database
- Balance between expected profit losses from potential under-application and over-application errors

