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2007 CORN AND SOYBEAN HARVEST IN THE NORTHCENTRAL REGION

Nationwide, corn yields in 2007 were up 1.3% over 2006 levels. In 2007, Illinois had the highest average corn yields of the six states in IPNI's Northcentral Region. State average corn yields in 2007 ranged from 121 to 175 bu/A. Average P removal rates were 42 to 75 lb P₂O₅/A and quantities of K removed were 28 to 51 lb K₂O/A. In 2007, half of the states in the Northcentral Region showed increased corn yields and quantities of nutrients removed. South Dakota was the most remarkable, with a 24.7% increase over 2006 levels.

Average corn yield per acre, state average P and K removal per acre, and yield and removal percentage change from 2006.				
State	2007 avg. yield, bu/A	2007 avg. removal, lb/A		Change in yield and removal from 2006, %
		P ₂ O ₅	K ₂ O	
IA	171.0	64	51	3.0
IL	175.0	75	49	7.4
IN	155.0	57	42	-1.3
MN	146.0	50	28	-9.3
SD	121.0	42	36	24.7
WI	135.0	51	39	-5.6
U.S.	151.1			1.3

Sources: USDA National Agricultural Statistics Service and state Extension publications

Soybean yields nationwide were down 3.5% from 2006 levels. Four states in the region followed this downward production: Illinois, Indiana, Minnesota, and Wisconsin. Iowa's 51.5 bu/A average yield was the highest in the region and was up 2% from the previous year. South Dakota again had the most remarkable increase over last year's production, at 23.5%. Quantities of P removed by soybean harvest ranged from 32 to 41 lb P₂O₅/A. Potassium removal was 39 to 77 lb K₂O/A.

Average soybean yield per acre, state average P and K removal per acre, and yield and removal percentage change from 2006.				
State	2007 avg. yield, bu/A	2007 avg. removal, lb/A		Change in yield and removal from 2006, %
		P ₂ O ₅	K ₂ O	
IA	51.5	41	77	2.0
IL	43.0	37	56	-10.4
IN	45.0	36	63	-10.0
MN	41.0	34	41	-6.8
SD	42.0	32	59	23.5
WI	39.0	34	39	-11.4
U.S.	41.2			-3.5

Sources: USDA National Agricultural Statistics Service and state Extension publications.

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Abbreviations: P = phosphorus; K = potassium.