

## Average Corn N Side-dress based on PSNT (2011-2016)

Crop before Corn	Side-dress N applied (lbs N/A)	
	Inject Manure	Broadcast Manure
Alfalfa+ Orchardgrass	0	25
Red Clover	7	24
Corn grain, interseeded cover crops <sup>¥</sup> (2014-2016)	23	78
Soybean, Rye cover crop	44	52

<sup>¥</sup> Interseeded covers include annual ryegrass, orchardgrass, forage radish, & red clover

Manure application rate: 4630 gallon per acre (19.3 T/A)