

Table 6: Decay series for organic N from manure.

A “Last year” availability of 12% indicates that an estimated 12% of the original amount of organic N that was applied with the manure last year is expected to be utilized by the crop grown this year. Thus, if in the past three years organic N applications from manure amounted to 100 lbs per acre per year, we expect a 17 lbs of N per acre manure N credit for the crop grown this year (12% of 100 lbs = 12 lbs per acre from last year’s application plus 5% of 100 lbs = 5 lbs per acre from the application done two years ago and no credits from what was applied three years ago).

Source	Dry Matter %	Availability of N from the total amount of organic N applied			
		Time of application			
		This year	Last year	Two years ago	Three years ago
		-----%-----			
Cows	<18	35	12	5	0
Cows	≥18	25	12	5	0
Poultry	<18	55	12	5	0
Poultry	≥18	55	12	5	0
Swine	<18	35	12	5	0
Swine	≥18	25	12	5	0
Horses	<18	30	12	5	0
Horses	≥18	25	12	5	0
Sheep	<18	35	12	5	0
Sheep	≥18	25	12	5	0