

Fertilizer Issues

Characteristics of Nitrogen (N) Fertilizers							
Fertilizer Name	Analysis	Source of N	Moisture Dependence	Low Temperature Response	Residual N Activity	Salt index (per N unit)	Leaching Potential
Quickly Available							
Ammonium-nitrate	33-0-0	ammonium nitrate	minimal	rapid	4-6 weeks	3.2	high
Ammonium-sulfate	21-0-0	ammonium sulfate	minimal	rapid	4-6 weeks	3.3	high
Ammonium-phosphate	18-46-0	diammonium phosphate	minimal	rapid	4-6 weeks	1.6	high
Urea	46-0-0	urea	minimal	rapid	4/6 weeks	1.6	moderate
Natural Organic fertilizers							
Ringer	6-1-3	blood, bone, feather & seed meals	high	medium	10-12 weeks	0.7	low
Sustane	5-2-4	Aerobically composted turkey litter	high	medium	10-12 weeks	0.7	low
Milorganite	6-2-0	activated sewage sludge	high	slow	10-12 weeks	0.7	low

Source: Colorado State University