

Appendix

Appendix A. Fertilizer Application Periods of Crops

Crop	Period	Ratio
Rice	Sowing	0.1
Rice	Transplantation	0.9
Wheat	Jointing	0.3
Wheat	Head sprouting	0.2
Wheat	Sowing	0.5
Maize	Sowing	0.5
Maize	Head sprouting	0.35
Maize	Sprouting	0.15
Soybeans	Sowing	0.8
Soybeans	Blooming	0.2
Cotton	Sowing	0.5
Cotton	Blooming	0.5
Peanuts	Sowing	0.8
Peanuts	Sprouting	0.2
Rapes	Sowing	0.5
Rapes	Sprouting	0.3
Rapes	Squaring	0.2
Potatoes	Sowing	1
Sugarcane	Sowing	0.25
Sugarcane	Tillering	0.25
Sugarcane	Stem elongation	0.5
Beets	Sowing	1

Source: Yang W, Tu N. 2011. *The theories of crop cultivation*. 2nd ed. China Agricultural Press, Beijing. 48-317. (in Chinese)