

Supplementary Table S1. *Andrographis paniculata* (burm.F.) seed information.

Collecting number	Locations of local produces	Seed characteristics	Relative moisture content (%)	Seed germination (%)
KS	13°50'11.2"N	Brownish black, Ellipsoid	8.03	45
	100°05'30.9"E			
UT	17°45'25.4"N		8.06	40
	103°06'03.4"E			
CR	19°35'28.1"N		7.97	40
	99°42'45.0"E			
CM	18°43'37.1"N		8.02	42
	98°54'44.9"E			
RB	13°41'13.8"N		8.34	30
	99°44'48.9"E			