

Table 1 Gelling materials and complexing agent for encapsulation of plant propagules for production of synthetic seeds

Gelling agent		Complexing material	
Substance	Concentration (%)	Substance	Concentration (mM)
1. Sodium alginate	0.5-5.0	Calcium salts	30-100
2. Sodium alginate with gelatin	2.0	Calcium chloride	30-100
3. Carrageenan	0.2-0.8	Potassium chloride	500
4. Locust Beam Gum	0.4-1.0	Ammonium chloride	500
5. Gelrite*	0.25	-	-
6. Agar*	0.8-2.0	-	-

*Temperature is lowered down for solidification