

**TABLE 8.1 (CONTINUED)**  
**Report on Medicinal Plants and Their Action against Alzheimer's Disease**

S. No.	Plant	Classification	Results	References
51	<i>Withania somnifera</i>	Kingdom: Plantae Division: Magnoliophyta Class: Magnoliopsida Order: Solanales Family: Solanaceae Genus: <i>Withania</i> Species: <i>somnifera</i>	Improves cognitive dysfunction and neuroprotective effect <i>in vivo</i> .	Dhuley 2001; Rasool 2007; Narendra et al. 2011; Anil et al. 2014
52	<i>Zizyphus jujuba</i>	Kingdom: Plantae Division: Magnoliophyta Class: Magnoliopsida Order: Rosales Family: Rhamnaceae Genus: <i>Zizyphus</i> Species: <i>jujuba</i>	Possesses soothing properties. Used as a drug for reducing anxiety and helps to strengthen stomach, spleen, and gastrointestinal system. Contains terpenoids, flavonoids and alkaloid and phenol glycosidic compound. May contribute to improve AD symptoms and motor loss, due to its increased acetylcholine level in the cholinergic terminals. Showed curative effects on rats with learning, memory, motor coordination and behavioural disorders caused by Meynert nucleus lesion.	Oda 1999; Rabiei et al. 2014a; Rabiei 2014