

Vital Statistics of Seeds (Haryana State)

S.N.	Species	Common Name	Seed Collection Time	Pre-sowing Treatment	Germination %	Germination Period	Seed Viability	Seed Storage Temp	Seeds /Kg (Appx.)	Nature of Seed
1	<i>Acacia auriculiformis</i>	Dal moth	Jan-March	Scarification (Hot Water-1 hour)	<60	2-3 weeks	<10 Months	Room Temp	22K-25K	Orthodox
2	<i>Adina cordifolia</i>	Haldu	Feb-March	Not Needed	<40	2-3 weeks	6-12 Months	Room Temp	70K-80K	Orthodox
3	<i>Aegle marmelos</i>	Bel	Apr-June	Not Needed	<55	2-3 weeks	1-6 Months	Room Temp	4K-5K	Orthodox
4	<i>Albizia lebbek</i>	Siris	Jan -March	Scarification (Hot Water-1 hour)	<85	4-6 weeks	<2 Years	Room Temp	7K-10K	Orthodox
5	<i>Albizia odoratissima</i>	Kala Siris	Jan -March	Scarification (Hot Water-1 hour)	<50	3-4 weeks	<2 Years	Room Temp	7K-12K	Orthodox
6	<i>Albizia procera</i>	Safed Siris	Jan -March	Scarification (Hot Water-1 hour)	<80	3-4 weeks	<2 Years	Low Temp	15K-20K	Orthodox
7	<i>Alianthus excelsa</i>	Maharukh	May-June	Not Needed	<85	3-4 weeks	< 1 Month	Room Temp	7K-9K	Orthodox
8	<i>Alianthus altissima</i>	Tree of	Nov	Stratification	<85	3-4 weeks	< 1Month	Low	1.5K-2K	Orthodox
9	<i>Alstonia scholaris</i>	Devil's Tree	Apr-June	Not Needed	<55	2-3 weeks	< 6 Months	Room Temp	2 lac-3 lac	Orthodox
10	<i>Anogeissus latifolia</i>	Bakli	Mar- May	Soaking in Water 24hrs	<10	2-3 weeks	1-6 Months	Room Temp	80K-90K	Orthodox
11	<i>Anogeissus pendula</i>	Dhok	Dec- March	Not Needed	<10	2-3 weeks	1-6 Month	Room Temp	72K-75K	Orthodox
12	<i>Artocarpus heterophyllus</i>	Kathal	July	Scarification (Hot Water-1 hour)	<60	2-3 weeks	1 Week	—	200-300	Recalcitrant
13	<i>Artocarpus lacucha</i>	Dehu	July	Scarification (Hot Water-1 hour)	<60	2-3 weeks	1 Week	—	400-500	Recalcitrant
14	<i>Azadirachta indica</i>	Neem	July	Scarification (Hot Water-1 hour)	<90	2-3 weeks	2 Week	—	2K-3K	Intermediate
15	<i>Bambusa arundinacea</i>	Bans	Feb- July	Soaking in Water 24hrs	<50	3-4 weeks	6-12 Months	Low Temp	75K-80K	Orthodox
16	<i>Bambusa bamboos</i>	Bamboo	Feb-July	Not Needed	<80	2-3 weeks	1-2 Years	Low	60K-80K	Orthodox

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17	<i>Bauhinia purpurea</i>	Khairwal	Jan- May	Not Needed	<75	4-6 weeks	6-12 Months	Room Temp	4K-5K	Orthodox
18	<i>Bauhinia racemosa</i>	Jhinjhora	Dec- Mar	Soaking in Water 24hrs	<70	2-3 weeks	1-2 Years	Room Temp	5K-7K	Orthodox
19	<i>Bauhinia retusa</i>	Sehra	June	Scarification (H2SO4- 5 minute)	<60	3-4 weeks	1-2 Years	Room Temp	1K-2K	Orthodox
20	<i>Bauhinia variegata</i>	Kachnar	May-June	Not Needed	<70	1-2 weeks	6-12 Months	Room Temp	2K-3K	Orthodox
21	<i>Bombax ceiba</i>	Semal	March-May	Not Needed	<60	2-3 weeks	6-12 Months	Room Temp	20K-30K	Orthodox
22	<i>Butea monosperma</i>	Dhak	May-July	Not Needed	<60	2-3 weeks	6-12 Month	Room Temp	8K-10K	Orthodox
23	<i>Cassia fistula</i>	Amaltash	March- April	Scarification (Hot Water-1 hour)	25-60	4-6 weeks	> 2 Years	Room Temp	4K-5K	Orthodox
24	<i>Cassia javanica</i>	Java Cassia	Dec-April	Scarification (Hot Water-1 hour)	60	3-4 weeks	> 2 Years	Room Temp	4K-5K	Orthodox
25	<i>Cassia siamea</i>	Kasood	March-April	Soaking in Water 24hrs	80-90	3-4 weeks	> 2Years	Room Temp	30K-32K	Orthodox
26	<i>Casuarina equisetifolia</i>	Beef wood (Sura)	June-Dec	Soaking in Water 24hrs	70	1-2 weeks	1-2 Years	Low Temp	4 lac-5lac	Orthodox
27	<i>Chukrasia tabularis</i>	Chickrassi	Jab-Feb	Not Needed	70-90	2-3 weeks	6-12 Months	Room Temp	70K-80K	Orthodox
28	<i>Cinnamomum camphora</i>	Camphor (kapur)	Oct- Nov	Soaking in Water 24 hrs	40-50	4-5 months	1-6 Months	Room Temp	6K-8K	Orthodox
29	<i>Dalbergia latifolia</i>	Rosewood	Jan-March	Not Needed	45-80	2-3 weeks	6-12 Months	Room Temp	20K-30K	Orthodox
30	<i>Dalbergia sissoo</i>	Shisham	Nov-March	Not Needed	90-100	1-2 weeks	6-12 Months	Room Temp	30K-40K	Orthodox
31	<i>Delonix regia</i>	Gulmohar	Aug-Oct	Scarification (Hot Water-1 hour)	25-50	4-6 weeks	1-2 Years	Low Temp	2K-3K	Orthodox

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32	<i>Dendrocalamus strictus</i>	Narbans	April- June	Soaking in Water 24hrs	25-50	1-2 weeks	6-12 Month	Low Temp	30K-40K	Orthodox
33	<i>Dillenia indica</i>	Elephant apple	Dec-Jan	Not Needed	Oct-20	4-6 weeks	< 1 Month	Room Temp	30K-35K	Recalcitrant
34	<i>Diospyros melanoxylon</i>	Tendu	April-June	Soaking in Water 24hrs	<60	6-8 weeks	6-12 Months	Room Temp	800-1500	Orthodox
36	<i>Eucalyptus camaldulensis</i>	River Red Gum	April	Not Needed	50-60	3-4 weeks	6-12 Months	Low Temp	5 lac-6 lac	Orthodox
37	<i>Eucalyptus globulus</i>	Blue Gum	March-May	Not Needed	30-80	3-4 weeks	6-12 Months	Low Temp	2lac-3lac	Orthodox
38	<i>Eucalyptus tereticornis</i>	Mysore gum	Sept-Oct	Not Needed	<90	4-6 weeks	1-2 Years	Low Temp	2lac-3lac	Orthodox
39	<i>Ficus bengalensis</i>	Banyan Tree	Apr-June	Not Needed	10-20	1-7 days	< 1Month	Room Temp	2lac-3lac	Orthodox
40	<i>Gmelina arborea</i>	Gamhar	May- June	Soaking in Water 24hrs	50-90	3-4 weeks	6-12 Months	Room Temp	2K-3K	Orthodox
41	<i>Grevillea robusta</i>	Silvar oak	June	Not Needed	20-50	3-4 weeks	6-12 Months	Low Temp	70K-80K	Orthodox
42	<i>Grewia optiva</i>	Bihul	March- April	Scarification (Hot Water-1 hour)	50-60	4-6 weeks	6-12 Months	Room Temp	12K-15K	Orthodox
43	<i>Hardwickia binata</i>	Anjan	April- May	Soaking in Water 24hrs	50-80	3-4 weeks	6-12 Months	Room Temp	3K-4K	Orthodox
44	<i>Holoptelea integrifolia</i>	Kanju	April-May	Not Needed	70-80	3-4 weeks	1-6 Months	Room Temp	20K-25K	Orthodox
45	<i>Jauglans regia</i>	Akhrot	Sep-Oct	Stratification	70-80	6-8 weeks	1-6 Months	Low Temp	50-100	Orthodox
46	<i>Kydia calycina</i>	Pula	Dec-March	Not Needed	10-20	4-6 weeks	6-12 Months	Room Temp	25K-30K	Orthodox
47	<i>Lagerstroemia parviflora</i>	Lendi	Dec-Feb	Soaking in Water 24hrs	10-15	2-3 weeks	6-12 Months	Room Temp	20K-25K	Orthodox

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48	<i>Lagerstroemia speciosa</i>	Jarul	Jan-Feb	Soaking in Water 24hrs	<70	2-3 weeks	1-2 Years	Room Temp	40K-50K	Orthodox
49	<i>Leucaena leucocephala</i>	Subabul	Nov-Dec	Soaking in Water 24hrs	<50	2-3 weeks	1-2 Years	Room Temp	28K-30K	Orthodox
50	<i>Madhuca longifolia</i>	Mahua	June-Aug	Not Needed	80-90	3-4 weeks	1-6 Months	Room Temp	300-400	Recalcitrant
51	<i>Mangifera indica</i>	Mango	April-July	Not Needed	70-80	3-4 weeks	1-6 Months	Low Temp	50-80	Recalcitrant
52	<i>Melia azedarach</i>	Bakain	Jab-Feb	Soaking in Water 24hrs	70-80	2-3 weeks	1-2 Years	Room Temp	800-1K	Orthodox
53	<i>Michelia champaca</i>	Champ	Aug-Sept	Stratification	70-80	2-3 weeks	< 1Month	Low Temp	10K-12K	Intermediate
54	<i>Michelia doltsopa</i>	Safed Champ	Nov	Stratification	25-40	2-3 weeks	1-6 Months	Low Temp	7K-8K	Orthodox
55	<i>Michelia lanuginosa</i>	Gogay Champ	Nov-Dec	Stratification	<60	2-3 weeks	< 1Month	Low Temp	8K-10K	Orthodox
56	<i>Mitragyna parvifolia</i>	Krishan Kadamb	April-June	Not Needed	<65	1-2 weeks	< 1Month	Room Temp	5lac- 6lac	Recalcitrant
57	<i>Moringa oleifera</i>	Suhanjana	April-June	Soaking in Water 24hrs	60-70	2-3 weeks	1-6 Months	Room Temp	4K-5K	Orthodox
58	<i>Morus alba</i>	Sehtoot	May-June	Stratification	<70	1-2 weeks	> 2 Years	Low	2lac-3lac	Orthodox
59	<i>Neolamarckia cadamba</i>	Kadam	Aug- Oct	Not Needed	30-40	2-3 weeks	6-12 Months	Room Temp	8lac-10lac	Orthodox
35	<i>Phyllanthus emblica</i>	Amla	Nov-Feb	Not Needed	40-50	4-6 weeks	1-6 Months	Room Temp	38K-40K	Orthodox
60	<i>Pinus roxburghii</i>	Chir	Feb- March	Not Needed	80-90	3-4 weeks	6-12 Months	Low Temp	8K-10K	Orthodox
61	<i>Pithecellobium dulce</i>	Jungle Jalebi	April	Soaking in Water 24hrs	<50	2-3 weeks	1-6 Months	Room Temp	5K-7K	Orthodox
62	<i>Polyalthia longfolia</i>	Nakli Ashok	June-Aug	Not Needed	50-60	3-4 weeks	6-12 Months	Room Temp	400-500	Orthodox

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63	<i>Pongamia pinnata</i>	Karanj	March-May	Soaking in Water 24hrs	<80	3-4 weeks	6-12 Months	Room Temp	800-1000	Orthodox
64	<i>Prosopis juliflora</i>	Mesquite	Nov-Dec	Scarification (H2SO4- 5 minute)	80-90	1-2 weeks	1-2 Years	Room Temp	25K-30K	Orthodox
65	<i>Prosopis cineraria</i>	Jand	June-Aug	Scarification (H2SO4- 5 minute)	65	2-3 weeks	1-2 Years	Room Temp	20K-25K	Orthodox
66	<i>Putranjiva roxburghii</i>	Putranjiva	Jan-Feb	Not Needed	20-30	3-4 weeks	6-12 Months	Low Temp	2K-3K	Orthodox
67	<i>Santalum album</i>	Chandan	Feb-March	Soaking in Water 24hrs	<55	3-4 weeks	6-12 Months	Room Temp	7K-10K	Orthodox
68	<i>Sapindus mukorossi</i>	Reetha	Nov-Jan	Scarification (H2SO4- 5 minute)	50-60	4-6 weeks	6-12 Months	Room Temp	500-700	Orthodox
69	<i>Saraca asoca</i>	Sita Ashok	July-August	Soaking in Water 24hrs	50-60	2-3 weeks	1-6 Months	Room Temp	60-80	Recalcitrant
70	<i>Schleichera oleosa</i>	Kusum	June-July	Not Needed	50-60	3-4 weeks	< 1 Month	Low	1.5K-2K	Orthodox
71	<i>Senegalia catechu</i>	Khair	Jan- March	Scarification (Hot Water-1 hour)	60-80	1-7 days	6-12 Months	Room Temp	30K-35K	Orthodox
72	<i>Senegalia senegal</i>	Gond Babul	Oct- Nov	Scarification (Hot Water-1 hour)	60-70	2-3 weeks	1-2 Years	Room Temp	5K-7K	Orthodox
73	<i>Shorea robusta</i>	Sal	May-July	Not Needed	75-90	2-3 weeks	< 1 Month	—	500-700	Recalcitrant
74	<i>Syzgium cumini</i>	Jamun	June	Not Needed	<80	2-3 weeks	< 1 Month	Low	1K-1.5K	Orthodox
75	<i>Tamarindus indica</i>	Imli	March-April	Soaking in Water 24hrs	<60	2-3 weeks	1-2 Years	Room Temp	1K-1.5K	Orthodox
76	<i>Tectona grandis</i>	Teak	Nov-Jan	Alternate Soaking and Drying	<60	2-3 weeks	6-12 Months	Room Temp	2K-3K	Orthodox
77	<i>Terminalia arjuna</i>	Arjun	Feb-May	Soaking in Water 24hrs	50-60	2-3 weeks	6-12 Months	Room Temp	300-500	Orthodox
78	<i>Terminalia bellirica</i>	Bahera	Feb-March	Alternate Soaking and Drying	80-90	3-4 weeks	6-12 Months	Room Temp	150-300	Orthodox
79	<i>Terminalia chebula</i>	Harar	Jan- Feb	Scarification (Mechanical)	<60	4-6 weeks	6-12 Months	Room Temp	150-250	Orthodox

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80	<i>Toona ciliata</i>	Toon	April-June	Not Needed	60-80	2-3 weeks	1-6 Months	Low Temp	3K-4K	Orthodox
81	<i>Vachellia leucophloea</i>	Ronjh	April -June	Scarification (H2SO4-5 minute)	<60	3-4 weeks	1 Year	Room Temp	8K-10K	Orthodox
82	<i>Vachellia nilotica</i>	Kikar	May -June	Scarification (H2SO4-5 minute)	<85	3-4 weeks	> 2 Years	Room Temp	7K-10K	Orthodox
83	<i>Vachellia tortilis</i>	Israeli kikar	Nov-Feb	Scarification (Hot Water-1 hour)	<60	6-8 weeks	1-2 Years	Room Temp	7K-10K	Orthodox
84	<i>Ziziphus mauritiana</i>	Ber	Feb- March	Soaking in Water 24hrs	70-80	3-4 weeks	1-2 Years	Room Temp	1.5K-2K	Orthodox