Seed Bank

Seed is an embryonic plant enclosed in a protective hard covering with reserve food material. **Seed bank** is preservation and storage of seeds by protecting them from natural as well as artificial calamities.

Importance of seed bank

- Conservation of species.
- Gives information about genuine seed.
- Purity of the seed.
- Preservation of species.
- Helps in authentication.
- Preservation of Genetic resources.
- Seeds of endemic, endangered plants helps in restoration and regeneration
- Provide disease free seeds to the cultivars.
- Helps to preserve genetic diversity.
- It is a type of gene bank
- Protects species from extinction.
- Helps in faster recovery of environment from natural disaster.
- Stored seeds help locals and farmers restart their gardens and farms.
- We keep seeds dormant till they are needed for replanting.
- Seeds form of plants are small and occupy minimum space.

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Medicinal Plants Information Centre

GERMPLASM (Seed Bank)

Sr. No.	Botanical Name	Family	Common Name
1	*Coriandrum sativum* L.	Apiaceae	Coriander
2	*Trigonella foenum-graecum* L.	Fabaceae	Fenugreek
3	*Pisum sativum* L.	Fabaceae	Pea
4	*Solanum melongena* L.	Solanaceae	Brinjal
5	*Raphanus raphanistrum Sub sp. Sativus* (L.)	Brassicaceae	Radish
6	*Abelmoschus esculentus* (L.)	Malvaceae	Okra
7	*Triticum aestivum*(L.)	Poaceae	Wheat
8	*Cenchmus americanus* (L.)	Poaceae	Bajara
10	*Senegaliarugata*Lam. et.al.	Fabaceae	Shikekai
11	*Tamarindus indica* L.	Fabaceae	Tamarind
12	*Oscimum bascilicum*L.	Lamiaceae	Sabja
13	*Clitoriabiflora Dalzell*	Fabaceae	Supali
14	*Areca catechu* L.	Arecaceae	Supari
15	*Sapindusmukorossi* Gertn.	Sapindaceae	Ritha
16	*Momordica charantia* L.	Cucurbitaceae	Bitter gourd
17	*Prunus dulcis*Batsch.	Rosaceae	Badam
18	*Citrullus lanatus* (T.)	Cucurbitaceae	Water melon
19	*Vigna radiata* (L.) R. Wilczek	Fabaceae	Moong
20	*Cyamopsis tetragonoloba* (L.) Taub	Fabaceae	Guar
21	*Linum usitatissium* L.	Linaceae	Linseed / Flax
22	*Ricinus communis* L.	Euphorbiaceae	Castor
23	*Cicer arientinum*L.	Fabaceae	Chickpea
24	*Aristolochiaringens*Vahl	Aristolociaceae	Badakvel
26	*Barlerialupulina*	Acanthaceae	Piwali Koranti
27	*Barleriaprionitis*L.	Acanthaceae	Koranti
28	*Zizipusmauritiana*Lam.	Rhamnaceae	Bor
29	*Dolichos trilobus*L.	Fabaceae	Pavata
30	*Annona reticulate* L.	Annonaceae	Sitafal
31	*Thunbergia alata* Bojer et al.	Acanthaceae	Chimin
32	*Cuminum cyminum* L.	Apiaeae	Cumin
33	*Brassica nigra* L.	Brassicaceae	Mohari/ Mustard
34	*Gnetum ula* Brongn.	Gnetaceae	Gnetum
35	*Accaciafarnesiana*	Fabaceae	Devbabul
36	*Cucurbita pepo* L.	Cucurbitaceae	Kashifal
37	*Nelumbo nucifera Gaertn*	Nilumbonaceae	Lotus

38	*Phaseolus vulgaris* L.	Fabaceae	Beans
39	*Heterophragma quadriloculaie* (Roxv).	Bignoniaceae	Waras
40	*Helictere sisora*	Malvaceae	Murudsheng
41	*Abrus precatorius*	Fabaceae	Gunj

Seed Collection by Students