

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:1087
ANSWERED ON:28.07.2003
EXCHANGE OF GERMPLOSM OF SELECTED PLANTS
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Will the Minister of AGRICULTURE be pleased to state:

(a) whether India and Sri Lanka have agreed to exchange germplasm of selected plants and to increase mutual co-operation in agricultural research; and

(b) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI HUKUMDEO NARAYAN YADAV)

(a) Yes, Sir.

(b) A Work Plan between Indian Council of Agricultural Research (ICAR) and Council of Agricultural Research Policy (CARP), Sri Lanka for 2003-2004 has been signed on 05.05.2003 to increase mutual co-operation in the field of agriculture research and education. The Work Plan includes training/study visits, exchange of germplasm and collaborative research projects in the field of agricultural research. The details of the agreed exchange of germplasm are enclosed as Annexure-I. The details of the germplasm material exchanged till date are also enclosed as Annexure-II.

ANNEXURE - 1

Exchange of Germplasm as agreed under the Work Plan (2003-2004)

>From India to Sri Lanka :

- Biotic stress resistant and improved varieties of rice, finger millet, sorghum, maize, groundnut, sunflower, sesame, chilli, chickpea, green gram, sugarcane.

- Improved varieties of guava, grape, papaya, sapota, mandarin, annona, mango, pomegranate, lemon, tamarind, jojoba, coconut, cashew, brinjal, pumpkin, pointed gourd, luffa, cabbage, cauliflower, murunga, tomato, amaranthus, radish, turnip.

- New hybrids of roses, bouganvillea, chrysanthemum, gladila, hibiscus, jasmine, marigold.

- Processed semen and embryos of goats and sheep.

>From Sri Lanka to India :

- Medicinal and aromatic plants

- Rambutan-Cvs : See Champoo, Rong Rajan, Tawee

- Avocado-Cvs : Black Bird, Mac Jo, gottfried, Fuerte

- Mangosteen-Cvs : Javanica Borel, Choisy

- Durian-Cvs : Mon Thong, Gumpun Khao, Luang Khlews, Cha-nee, Kan-yao,

Kandum-tong

Annona - A. atemoya Cvs : African Pride, Page, Cochie Island
 A. squamosa Cvs : MoiNa Nung, MoiNa Fie, Lincoln
 A. cherimola Cvs : MC pheson, Bays
 A. diversifolia Cvs : Imery

Langsat (Lansium domesticum Correa)

Sour sop (Annona muricata L)
Annexure-II

Exchange of germplasm between India and Sri Lanka under work plan (1998-2003)

I. Import

S.No. Crop name Botanical name No. of accession

1.	Ambrearella	Spondias dulcis	1
2.	Carambola	Averrhoa carambola	1
3.	Cherimoya	Annona cherimola	1
4.	Chilli	Capsicum sp.	3
5.	Coconut	Cocos nucifera	4
6.	Crossandra	Crossandra sp.	1
7.	Durain	Durio zibnethinus	1
8.	French bean	Phaseolus vulgaris	1
9.	Gal siyambala	Dialium ovoideum	1
10.	Guava	Psidium guajava	1
11.	Jack fruit	Artocarpus heterophyllus	1
12.	Lovi	Flacourtia indica	1
13.	Mangosteen	Garcinia mangostana	2
14.	Mungbean	Vigna radiata	13
15.	Papaya	Carica papaya	1
16.	Pomegranate	Punica granatum	1
17.	Rambuttan	Nephelium lappaceum	1
18.	Rice	Oryza sativa	20
19.	Sorghum	Sorghum bicolor	10
20.	Uruessa	Flacourtia inermis	1
21.	Veralu	Elaeocarpus serratus	1
	Total		67

Note : A total of 37accessions were collected through exploration by Indian Institute of Horticultural Research, Bangalore, India.

2. Export

S.No. Crop name Botanical name No. of accessions

1.	Cauliflower	Brassica oleracea var. botrytis	1
2.	Coconut	Cocos nucifera	9
3.	Gladiolus	Gladiolus sp.	6
4.	Guava	Psidium guajava	1
5.	Maize	Zea mays	4
6.	Mango	Mangifera indica	2
7.	Marigold	Tagetes sp.	2
8.	Mungbean	Vigna radiata	1
9.	Onion	Allium cepa	3
10.	Pea	Pisum sativum	2
11.	Pomegranate	Punica granatum	1
12.	Potato	Solanum tuberosum	14
13.	Sorghum	Sorghum bicolor	4
14.	Tomato	Lycopersicon esculentum	2
	Total		52

Note : A total of 9 accessions were collected through exploration by Sri Lankan authorities.