

of Railways to his Ministry for depositing the amount of Rs. 61 lakhs for its construction ;

(b) if so, whether the amount to be spent on its construction has been deposited on demand with the Railways ; and

(c) if so, the details of the latest developments in this regard ?

THE DEPUTY MINISTER IN THE DEPARTMENT OF ELECTRONICS AND IN THE MINISTRY OF FOOD AND CIVIL SUPPLIES (DR. M.S. SANJEEVI RAO) : (a) No, Sir.

(b) and (c). Do not arise.

**Research support to Oilseeds production by ICAR**

3102. SHRI AJIT BAG : Will the Minister of AGRICULTURE be pleased to state :

(a) what research support ICAR gives for oilseeds production enhancement and where ;

(b) the details for Fifth and Sixth Five Year Plans, separately, along with programmes proposed for the Seventh Five Year Plan ;

(c) the expenditure, year-wise, between 1975 to 1984 incurred by ICAR on oilseeds research programmes, State-wise and how much improvement in oilseeds production and productivity occurred in each State from 1975 upto 1982 ; and

(d) whether Government are satisfied with the outcome of research and if not, corrective steps proposed to be taken ?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI YOGENDRA MAKWANA) : (a) and (b). Separate statements containing details of research support given by the Indian Council of Agricultural Research for enhancing oilseeds productivity and the details of the Fifth and Sixth Five Year Plans are given in Statement I with Annexure I to II and

Statement-II.

(c) The required information is being collected and will be laid on the Table of the House.

(d) Yes, Sir.

**Statement-I**

The Indian Council of Agricultural Research has taken a number of steps to augment Oilseeds research, particularly for productivity. The following programmes on oilseeds research are in progress :

1. All Indian Coordinated Project for Improvement of oilseeds with 83 crop-based research centres alongwith the Directorate of Oilseeds Research at Hyderabad (list of centres enclosed in Annexure I).
2. National Research Centre for Groundnut, Junagadh.
3. All India Coordinates Project for the Improvement of Soyabean with 18 research centres (see Annexure II).
4. Four advanced research centres for intensifying research on rapeseed-mustard, safflower and sesamum at Pantnagar, Hissar, Indore and Vridhachalam, respectively with support from the International Development Research Centre, Canada.
5. Strengthening of rapeseed-mustard research at five centres namely, Ludhiana, Jobner, Kanpur, Kalyani and Shillongani (Assam) under the Indo-Swedish Joint collaborative programme.
6. Sixteen Command Area Research Centres for intensifying research on oilseeds and pulses-based cropping systems under irrigated farming conditions (Annexure III).
7. Training-cum-Communication Centre for Oilseeds development at Hyderabad.

dry-farming areas for dissemination of available technology on oilseeds for increased production (Annexure IV).

9. Scheme on production of breeders' seed for all oilseed crops excluding sunflower.
10. Scheme for production of elite and super elite seed of sunflower.
11. Twenty ad-hoc research schemes in operation to promote research on various aspects of oilseeds production.

In addition, oilseeds research is being conducted by the Indian Agricultural Research Institute and Dryland Agricultural Research Project. Extension Education activities are also being organised by the ICAR under different schemes such as National Demonstrations, Krishi Vigyan Kendras, Lab-to-Land programmes etc.

#### Annexure-I

#### *Cropwise list of Oilseeds Research Centres covered under I.C.A.R. Project*

##### I Groundnut

1. Ludhiana (Punjab)
2. Malnpuri (U.P.)
3. Khargoe (M.P.)
4. Junagadh (Gujarat)
5. Jalgaon (Maharashtra)
6. Latur (Maharashtra)
7. Chiplima (Orissa)
8. Kadiri (A.P.)
9. Garikapadu (A.P.)
10. Rajendranagar (A.P.)
11. Dharwad (Karnataka)
12. Raichur (Karnataka)

13. Kolar (Karnataka)
14. Coimbatore (Tamil Nadu)
15. Aliyarnagar (Tamil Nadu)
16. Tindivanam (Tamil Nadu)
17. IARI, RRS, Hyderabad.
18. Durgapura (Rajasthan)
19. NIN, Hyderabad, Afiotixin

##### II. Sesameum

1. Sumerpur (Rajasthan)
2. Amreli (Gujarat)
3. Jabalpur (M.P.)
4. Jalgaon (Maharashtra)
5. Bhubaneswar (Orissa)
6. Jagtial (A.P.)
7. Yellamenchilli (A.P.)
8. Coimbatore (Tamil Nadu)
9. Jhansi (U.P.)

##### III. Rapeseed and Mustard

1. Shillongani (Assam)
2. Berhampore (W.B.)
3. Pantnagar (U.P.)
4. Katihar (Bihar)
5. Hisar (Haryana)
6. Bawal (Haryana)
7. Gwalior (M.P.)
8. Faizabad (U.P.)
9. Palampur (H.P.)
10. Shalimar (J and K)

11. Durgapura (Rajasthan)

12. Kanpur (U.P.)

#### IV Sunflower

1. Digraj (Maharashtra)

2. Akola (Maharashtra)

3. Bangalore (Karnataka)

4. Coimbatore (Tamil Nadu)

5. IARI, New Delhi.

#### V Safflower

1. Varanasi (U.P.)

2. Jalgaon (Maharashtra)

3. Rajendranagar (A.P.)

4. Annigeri (Karnataka)

5. Coimbatore (Tamil Nadu)

6. Phaltan (Maharashtra)

#### VI Niger

1. Ranchi (Bihar)

2. Jabalpur (M.P.)

3. Igatpuri (Maharashtra)

4. Similiguda (Orissa)

5. Raichur (Karnataka)

#### VII Linseed

1. Kanpur (U.P.)

2. Mauranipur (U.P.)

3. Raipur (M.P.)

4. Kanke (Bihar)

5. Palampur (H.P.)

6. Faizabad (U.P.)

7. Akola (Maharashtra)

8. Durgapura (Rajasthan)

#### VIII Castor

1. Dantiwada (Gujarat)

2. Palam (A.P.)

3. Raichur (Karnataka)

4. Salem (Tamil Nadu)

5. Kanpur (U.P.)

6. Dholi (Bihar)

7. Biological control of Castor, Hyderabad (A.P.)

#### IX Minor Oilseeds

1. Jabalpur (M.P.)

2. Bhubaneswar (Orissa)

#### X Germplasm Units

1. Solapur (Maharashtra)—Safflower.

2. Bangalore (Karnataka)—Sunflower.

3. Jabalpur (MP)—Sesamum and Niger.

4. Kanpur (UP)—Linseed

5. Hissar (Haryana) — Rapeseed—Mustard

#### XI Other Units

1. IARI, New Delhi—Physiology

2. IARI, New Delhi—Microbiology

3. Mainpuri (UP), White Grub

4. Coimbatore (T.N.) Physiology and Virus

5. Off-Season Nursery, Aliyanagar (Tamil Nadu)

**Annexure-II****Research Centres of ICAR All India  
Coordinated Research Project on  
Soyabean**

1. New Delhi
2. Parbhani (Maharashtra)
3. Bangalore (Karnataka)
4. Pantnagar (U.P.)
5. Jabalpur (M.P.)
6. Palampur (M.P.)
7. Ranchi (Bihar)
8. Kalyani (West Bengal)
9. Dharwar (Karnataka)
10. Koraput (Orissa)
11. Jorhat (Assam)
12. Ludhiana (Punjab)
13. Junagadh (Gujarat)
14. Amravati (Maharashtra)
15. Poona (Maharashtra)
16. Majbera (Maharashtra)
17. Coimbatore (Tamil Nadu)
18. Srinagar (J and K)

**Annexure-III****Command Area Centres**

1. Siruguppa (Karnataka)
2. Garikapadu (A.P.)
3. Kumarganj (U.P.)
4. Devol (Gujarat)
5. Bhiwani (Haryana)
6. Peechi (Kerala)
7. Pandharpur (Maharashtra)

8. Mbali (Maharashtra)
9. Aduthurai (Tamil Nadu)
10. Petharesala (Maharashtra)
11. Sriganganagar (Rajasthan)
12. Ram Ganga (U.P.)
13. Nalhati (West Bengal)
14. Chiplima (Orissa)
15. Gwalior (M.P.)
16. Patna (Bihar)

**Annexure-IV****Extension Education Centres**

1. Gulbarga (Karnataka)
2. Mandya (Karnataka)
3. Anantpur (A.P.)
4. Rastakuntabai (A.P.)
5. Tinsahi (U.P.)
6. Baroda (GAU) (Gujarat)
7. Rajkot (Gujarat)
8. Bawal (Haryana)
9. Kayamkulam (Kerala)
10. Dhule (Maharashtra)
11. Sholapur (Maharashtra)
12. Akola (Maharashtra)
13. Kovilpatti (Tamil Nadu)
14. Vridhachalam (Tamil Nadu)
15. Parbhani (Maharashtra)
16. Durgapura (Rajasthan)
17. Kapurthala (Punjab)
18. Gurdaspur (Punjab)
19. Mathura (U.P.)
20. Raiganj (West Bengal)
21. Hathwara (West Bengal)
22. Bhubaneswar (Orissa)
23. Rewa (M.P.)
24. Indore (M.P.)
25. Kanke (Bihar)
26. Dbohi (Bihar)
27. Dapoli (Maharashtra)

## Statement-II

*Details of Allocations and number of Centres for various Oilseeds research programmes during Fifth and Sixth Five Year Plans.*

S.No.	Project/Programme	5th plan (1974-79) (Rs. in lakhs)		6th plan (1980-85) (Rs. in lakhs)	
		No. of Centres	Alloca- tion	No. of Centres	Alloca- tion
1.	Oilseed Project	55	395.02	83	602.59
2.	Soyabean Project	21	49.00	18	86.27
3.	National Research Centre for Groundnut, Junagarh.	—	62.75	1	95.17
4.	Indo-Swedish Collaborative Project on Rapeseed-Mustard Research	—	—	5	29.00
5.	IDRC-Supported Project on Rapeseed-Mustard, Safflower and Sesamum Research.	—	—	4	75.00
6.	Elite and Super Elite Sunflower Seed Production Programme.	5	63.23	5	120.00
7.	Irrigated Command Area Research Programme.	16	18.00	16	245.75
8.	Breeders' Seed Production Programme on Oilseeds	—	—	30	175.00
9.	National Communication and Training Centre, Hyderabad.	—	—	1	22.00
10.	Other Scheme (likely expenditure).		18.00		20.00
Total			606.00		1470.76

The programmes for Seventh Five Year Plan have not been finished so far.