

taking into account the expenditure incurred by the farmers on two-three accounts, which is in the larger interests of the farmers. (Interruptions) If you want to know all these things in details, I will explain everything to you.

[English]

Cancer Treatment

*600. SHRI. V. KRISHNA RAO:
SHRI C.P. MUDALAGIRI-
YAPPA:

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether most of the people who die of cancer succumb not to the primary tumour but to its off-spring elsewhere in the body;

(b) whether the scientists now have a detailed understanding of how cancer spreads to distant sites; and

(c) if so, to what extent this innovation will provide basis for new weapons against secondary tumours?

THE MINISTER OF STATE OF THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRI RASHEED MASOOD):

(a) People may die of cancer at primary stage also if not treated. Cancer patients having secondary spread to other areas mostly die due to delay in medical intervention.

(b) and (c). Cancer spreads to other areas of the body through direct extension, and through lymphatic and blood vessels. Advantage of this knowledge is taken in planning the treatment of cancer. All potential sites around the tumour, which could harbour tumour cells, are removed by surgery chemotherapy or by radiation to minimise the chances of spread.

SHRI V. KRISHNA RAO: The number of cancer patients is on the increase day by

day. The steady increase in air pollution, water pollution, etc. has added misery to the cancer patients. Day before yesterday, the hon. Minister of Environment, Smt. Maneka Gandhi, was referring to the increasing danger of cancer due to various pollutions. I want to know whether the Government is aware of the latest researches done in the field of cancer cure in foreign countries especially in the United States of America. I also want to know whether any break-through has been achieved in this field.

SHRI RASHEED MASOOD: The hon. Member has expressed his concern about the danger of cancer. No doubt, cancer is a very dangerous disease and the number of patients is increasing. Normally, we have to fight back this disease and treat the people who are suffering from cancer. We will definitely take advantage of the research and we would like to provide funds for this research.

SHRI V. KRISHNA RAO: Will the hon. Minister inform the House of the progress made in this field and achievements of the Indian medical researchers in detecting secondary tumours in their early stage and in controlling the development of the secondary tumours? Also, does the Government propose to undertake a joint research with the US National Cancer Institute, which is doing pilot work in this regard so that the results could be shared by India for treating cancer patients?

SHRI RASHEED MASOOD: Usually, cancer is detected in the secondary stage. It is difficult to detect it in the early stage. So, during the Eighth Plan, our emphasis will be for detecting it in the early stage and preventing it. As we have already told you, we will provide funds for early detection of cancer; and in this connection, we have chosen certain districts as project areas, and these areas will be linked with the Cancer Institute to provide help.

SHRI C.P. MUDALAGIRIYAPPA: The modern technology in this country is limited and inadequate. The people, who are suffering from cancer, are trying for admission in

the hospitals. But in the hospitals, there are not adequate facilities are not available the beds are also not available. This technology has not improved so much in this country, and we have not made a break—through in this field. In this connection, I would like to know whether the Government is going to establish mobile units so that modern technology can be taken to the door-steps of the poor.

SHRI RASHEED MASOOD: As I have already told you, we will choose certain districts as project areas; and these districts will be linked to the Cancer Institute. All the help will be provided to the patients for early detection of cancer and for the treatment of cancer patients.

[*Translation*]

SHRI RATILAL KALIDAS VERMA: Mr. Speaker, Sir, cancer is a very painful disease. But in hospitals, cancer patients are admitted and after few days treatment, they are discharged and left at the mercy of God. Therefore, I would like to ask the hon. Minister whether Government intends to provide treatment to the patient till the last instead of leaving the patients at the mercy of God?

SHRI RASHEED MASOOD: Mr. Speaker, Sir, we intend to provide treatment to the Cancer patients till the last and it is the policy of the Government also, but the problem is that there is a large number of cancer patients and after giving the initial treatment they are discharged from the hospital and in their place, other patients are admitted. Cancer patients are given proper treatment and medicine and they are also called for a regular check up.

WRITTEN ANSWERS TO QUESTIONS

[*English*]

Sugar Output

*595. **SHRIMATI BASAVARAJES-WARI:**
SHRI G.S. BASAVARAJ:

Will the Minister of **FOOD AND CIVIL SUPPLIES** be pleased to state:

(a) whether Union Government have urged the sugar mills to work overtime to ensure sufficient production to eliminate the possibility of imports this year;

(b) if so, the reaction of industry to this advice and other incentives offered by Government; and

(c) what are the prospects in this regard?

THE MINISTER OF FOOD AND CIVIL SUPPLIES (SHRI NATHU RAM MIRDHA): (a) to (c). The Government have announced incentive schemes for encouraging sugar factories to increase sugar production during the current 1989-90 sugar season. The sugar production as on 7th April, 1990 aggregated to 86.7 lakh tonnes as against 77.7 lakhs tonnes and 73 lakh tonnes on the corresponding dates in 1988-89 and 1987-88 respectively.

2. In order to provide incentive for higher production during 1989-90 season, Government have announced grant of freesale sugar at 80% (as against normal 55%) on additional production to be achieved by the sugar factories as follows:

- i) Excess production achieved during the period from 16th November, 1989 to 15th November, 1989 over the average production achieved during the corresponding period in the previous three seasons, i.e., 1986-87, 1987-88 and 1988-89.
- ii) Excess production achieved during the period from 16th November, 1989 to 30th April, 1990 over the production achieved during the corresponding period in the previous season, out of the cane transported