

APPENDIX I

*ON MEASURES FOR BIRTH-CONTROL

Mr. P. J. Roham (Ahmednagar South): Sir, I beg to move—

“This Assembly recommends to Government that in view of the urgent need of limiting the family units, Government should carry on an intensive propaganda in favour of birth-control among the masses of this Province and should provide adequate facilities for the practice of birth-control.”

Question proposed.

Mr. P. J. Roham (Addressed the House in Marathi): The educated class has, by this time, fully realized the necessity of birth-control and fortunately the leaders in our country also are unanimous on this point. Pandit Jawaharlal Nehru, Sir Ravindranath Tagore and Mrs. Sarojini Naidu, know very well the importance and the urgency of the movement for birth-control and are in favour of contraceptives. Babu Subhash Chandra Bose, the President of the Indian National Congress, said in his presidential speech :

“If the population goes up by leaps and bounds, as it has done in the recent past, our plans are likely to fall through.”

Even Mahatma Gandhi has written long ago as follows :

“I must not conceal from the reader the sorrow I feel when I hear of births in this land.”

Very few have an adequate idea of the immense loss sustained by children born of persons who are handicapped either physically, mentally or financially. The parents as well as the society also suffer very much. The prevention of the births of such children would considerably reduce the death-rate among mothers who succumb to child-birth and its concomitant diseases, lower infantile mortality, improve public health by removing the many diseases due to want of even the prime necessities of life felt by many persons, check the offences perpetrated by persons suffering from intense poverty and would bring about an all-round uplift of society by affording full scope to its spiritual advancement.

*Speech delivered by Shri P. J. Roham. He has expressly stated that the speech was based in all respects on the points drawn by Dr. Ambedkar for his own speech and that Dr. Ambedkar is the father of this speech. Shri Roham further states that he was complimented by Dr. Ambedkar for almost reproducing the speech which, he had contemplated to deliver in the Assembly, but he could not do so owing to his inability to attend the Assembly on that day, i.e. on 10th November 1938.

The present keen struggle of life renders timely marriage impossible for many and thus exposes them to various diseases and habits. Many women become invalid for life and some even lose their lives by the birth of children in their diseased condition or in too great numbers or in too rapid succession. Attempts at abortion, resorted to for the prevention of unwanted progeny, exact a heavy toll of female lives. Unwanted children are often neglected by their mothers and hence they become nothing but a burden to society which is further deteriorated by the addition of defective progeny from diseased persons. Birth-control is the only sovereign specific that can do away with all these calamities. Whenever a woman is disinclined to bear a child for any reason whatsoever, she must be in a position to prevent conception and bringing forth progeny which should be entirely dependent on the choice of women. Society would in no way profit by the addition of unwanted progeny. Only those children who are welcomed by their parents, can be of social benefit and hence every woman must be enabled to resort to prevention of conception quite easily.

Poverty is the root-cause of immorality. The following passage from the essay read by Prof. Dr. Tondler before the Congress at Vienna in 1933 would show the evil consequences of insufficiency of living accommodation. The professor said, "On the average every family gets one room in Germany, two and a half rooms in France and three rooms in England. Seventy-five thousand families had no tenements of their own in Berlin in 1925. The result is that children sleep with the adults not only in the same room but also in the same bed. Many children lose their lives by the overcrowding in insanitary dwellings. Whole families are stricken with venereal diseases. Girls have to succumb to sexual intercourse even before they are mature. Sexual connections often take place between parents and their children and brothers and sisters. The boys learn to commit thefts and the girls become prostitutes. The same condition prevails at Vienna. In 1919, out of the tenements let out, 10 per cent. had only one small room ; 37 per cent. had one big room and 23 per cent. had one small room and one big room. Out of the children between the ages of fourteen and eighteen who maintained themselves, twenty per cent. had no separate beds of their own. Towns and villages fare even worse."

In our country, the same condition prevails in cities like Bombay. A few exceptions apart, it is observed that virtue is palsied where poverty prevails. Further on it will be shown how it is well-nigh impossible to uproot poverty without the aid of birth-control. The aphorism, बुभुक्षितः किम् न करोती पापम्, is well known.

When we have thus realised that birth-control is the *sine qua-non* for every progress, we must consider the means to attain that end. To be satisfied with only that much of sexual enjoyment that is necessary for getting the desired number of children and to banish sexual thoughts from one's mind when progeny is not required, is one of the ways. The use of modern contraceptives is the other way. As for the first way, it must be

remembered that while continence in the unmarried state may be possible, it is nothing but displaying ignorance about human nature to expect that young and healthy married couples, living together and fond of each other, can observe continence for years together. The cases of strong-willed persons, whose minds are not affected in the presence of objects of enjoyment, apart, there is no doubt that ordinary human beings are bound to fall a prey to the influence of enticements. Is it not strange, therefore, that this fact, which is as clear as daylight, is denied by some.

Self-control has been proved to be absolutely useless for birth-control from the experience of several countries and ages. Even the advocates of continence cannot claim that ordinary persons will be able to eschew sexual intercourse altogether throughout their lives. The laying aside of continence even for a single day every year may lead to an annual conception. Even, if we assume that self-control enables certain persons to bring about birth-control, we cannot draw the conclusion that others will be able to follow them. It is necessary to remember that just as appetite for food differs in the case of different persons, so sexual appetite also varies from person to person.

Strict observance of certain rules laid down in Hindu scriptures necessitates the neglect of the ideal of family-limitation. For instance, verse 8, Chapter 54, of "Vishnu Smriti" enjoins sexual intercourse on certain specified days.

Sir, honourable members have received a pamphlet written by Mrs. Sarojini Mehta, M.A., I am not going to read the whole pamphlet, but will quote only a few passages from it :

"Whenever the subject of birth-control is broached, the burden of our opponents' song is that continence (Brahmacharya) is the sovereign specific for our country and that it is better to leave Westerners to be blessed by their own artificial remedies. I humbly supplicate these honourable persons to state the grounds upon which they hold this view. It is stated that our people are spiritualistic, while Westerners are materialistic. It has now become well-nigh nauseating to hear this parrot cry repeated. In what way are our people spiritualistic? Have our people renounced the world and become ascetics? Can mere repetition of certain catch-phrases like "All this is delusion." "One must abandon attachment to worldly life", turn people into spiritualistic? Does not every one of our villages possess Shylocks ready to demand their pound of flesh from poor and innocent debtors? Are there not bankers mean enough to devour the deposits of widows? Have we not scoundrels who are debased enough to leave stranded helpless widows whom they themselves have misled? Can we claim that our society is without men who have discarded their chaste and devoted wives and taken to prostitutes? I am completely at a loss to understand how a society can be called spiritualistic, in which many are ruined by matrimonial transactions that amount to virtual sales of brides and bridegrooms, in which a person refusing to give an absenquial feast to his

caste-people is out-casted, in which men are planning their second marriages while their first wives are burning on funeral pyres, in which even old fogies of sixty years can marry girls of twelve on the strength of monetary bribes and in which the treatment offered to widows is worse than that given even to the beasts. Western materialism cannot be held responsible for the rotten state of our society described above. On the contrary it is those who have come into contact with western materialism who are trying their best to remedy these evils, though their efforts are proving nothing but a cry in the wilderness.”

Further on, in another paragraph, she says :

“The conduct of Indraraj towards Ahilya, of Parashar Rishi towards Satyawati and of Suryadev towards Kunti would make those perpetrators liable for rigorous imprisonment in this age of Kali but that being considered to be Satya Yug, we not only connive at these delinquencies but raise books containing such descriptions to the status of ‘Sacred Books’ and insist that they must be prescribed as test-books in the curriculum for children. How many lessons on continence can pupils find in the Mahabharat, the Bhagwat and the Puranas ? How can an age, that never knew what continence was, inspire us to observe that virtue ? How is it possible to consider that age to have observed continence in which there were incidents like the story of King Dushyanta, who first misled an innocent and guileless girl living in the hermitage of a sage and then discarded her when she was pregnant ? When one considers the number of children born to certain persons mentioned in very ancient narratives, a doubt naturally arises in one’s mind as to whether the people in those days ever dreamt what continence was. How can one believe that continence was observed in those times when one considers that Sagar begot sixty thousand sons and that there were a hundred Kowrawas, twenty-seven daughters of Daksha Prajapati and several other such instances ? Continence was paid scant respect in bygone days. It can actually be seen that in these days it is kept at a distance everywhere. The birth-rate of our country is not falling lower than that of any ‘materialistic’ country. Brahmacharya cannot be observed even where the life of a woman, already the mother of many children, is jeopardised by an additional delivery. It is neglected even in the families of paupers, dying of hunger, where the addition of even a single individual to the family would be nothing short of a calamity. Even in these days of unemployment, when it is practically impossible to find outlets for sons, additional children are born even in middle class families every year or year and a half. In castes, in which the usage of dowry prevails, parents express much grief at the birth of a daughter, kill her at the very outset or bring her up most negligently so that she may die a natural death. They, however, never resort to continence to avoid the chances of girls being born. In spite of all these instances we go on proclaiming that continence alone is the ideal for our country ! Of what

earthly use is such conduct? We have to take into account the state of things actually existing before our eyes. There are no chances of making any improvement in our condition by mere talk of ideals."

Dr. K. B. Antrolikar: Sir, all that may be taken as read, because every member has received it.

Mr. P. J. Roham: Sir, I have made it clear that I am not going to read the whole of it. I request my honourable friend Dr. Antrolikar to have patience.

Mr. P. J. Roham: She continues:

"If, therefore, they have got the country's welfare at heart, they ought to try their level best to popularise continence by founding associations for the purpose of carrying on the work systematically, just as the birth-controllers are doing to popularise contraceptives. If, however, they are either unwilling or unable to do anything in this matter, the hands of the champions of contraception will be strengthened."

As a doctor has wisely remarked, if men had to bear the pangs which women have to undergo during child-birth none of them would ever consent to bear more than a single child in his life.

It is wrong to hold that because the ideal of large families is before society up to this time nobody wishes to limit his family. Human beings, who earnestly desire to be saddled with large families, are rare. Ordinary persons do want to limit their families and do not even flinch to have recourse to diabolical methods such as abortion, infanticide, etc. Such attempts are witnessed everywhere. From an account published by "The People's Tribune" in 1934 it is found that in 1933 over 24,000 dead bodies of little infants were picked up in the street of Shanghai alone and the same state prevails throughout most of China. It is bitter and terrible poverty that makes the parents expose their infants. In the light of such instances, it is futile to hope that ordinary persons will be able to avoid progeny merely through self-control. It is, therefore, established that there is no go without recourse to modern contraceptives. To deny the necessity of those remedies is to show one's preference for abortions, infanticides, etc.

Some people think that they would be losers if the numbers in their particular race, religion, or region are lessened. They are afraid that their adversaries would thereby be enabled to gain ground over them. In the first place, it is necessary to remember in this connection that the rate of increase of a population does not necessarily dwindle down as soon as family limitation is resorted to. That rate is dependent not merely on the birth-rate but chiefly on the survival-rate. The experience of several scientists from different places has proved that the higher the birth-rate, the higher is the death-rate also and no sooner the birth goes down, the death-rate also declines. The result is that not only is the survival-rate not adversely affected but very often it even rises. Dr. Maria Stopes has found from the experience gained in "The Mothers' Clinic" that the

greater the number of conceptions the higher is the rate of maternal and infantile mortality. Similar is the experience of other scientists. Dr. J. M. Munro, M.D., F.R.F.P.S., says in his book "Maternal Mortality and Morbidity" :

"The strongest argument in favour of limiting the family is that by the fourth birth the mortality-rate very nearly approaches that of the first birth, looked upon generally as the most serious and dangerous. After the fourth birth, the mortality rate steadily and markedly rises with each successive pregnancy and parturition. The same applies to still-births and neo-natal deaths."

Due to excessive child-mortality, the rate of growth of the population of Countries like India is not equal to that of countries like England though the birth-rates in countries of the former type are higher than those in the latter type. The birth-rate of England is nearly half that of India. Yet we find that the population in England increased by nearly 23 per cent. between 1901 and 1931, while the population in India rose by only 17 per cent. in the same period. This will show that even for a rapid growth of numbers, the better way is to adopt the practice of birth-control and thus cut down infantile mortality.

It must also be remembered that for modern wars comparatively few persons are necessary. An army, well-equipped with modern materials for warfare, can route an army much greater in number than itself, if the latter one is not so well-equipped. In the former world war, countries of low birth-rates vanquished those with high birth-rates.

In the world, we can witness many societies that are small in numbers but distinguished in respect of wealth, culture etc. In our country, the Parsee community is an illustration on this point. To hanker after quantity is, therefore, not a very profitable ideal. The aphorism, वरमेको गुणीपुत्रो न च मुखशतान्यपि, is well known.

After this, it is worth while keeping in mind that it is principally poverty that is at the root of the animosity between different races, societies and countries. When poverty will be uprooted, the root-cause of much of such hatred will be eradicated and then nobody need be afraid of molestation from others.

The example of Western nations shows us that modern contraception is utilised by persons of all races, religions and strata. For instance, it is found that the notion that the Roman Catholics are against birth-control is unfounded. France is a Roman Catholic country and still it is notorious that the birth-rate in that country is quite low. The following ten countries had the lowest birth-rates in 1932 : —

Sweden	...	...	...	14.5
Germany	...	...	...	15.1
Austria	...	...	...	15.2
England and Wales	...	...	...	15.3

Norway	...	...	...	16.3
Australia	...	...	...	16.4
Switzerland	...	...	...	16.7
New Zealand	...	...	...	17.1
United States	...	...	...	17.3
France	...	...	...	17.3

Among the three lowest countries are Austria, which is entirely Catholic, and Germany, which is one-third Catholic.

The following figures, the birth-rates of important cities, illustrate the very point. They are all for 1927 or 1928 : —

London	...	...	...	16.1
Cologne	...	...	...	16.0
Geneva	...	...	...	14.6
Milan	...	...	...	14.5
Turin	...	...	...	13.2
Prague	...	...	...	12.5
Munich	...	...	...	12.0
Vienna	...	...	...	10.6

With the exception of London, all the above towns are solidly Roman Catholic, yet they all have a lower birth-rate than London. Three of them are in Mussolini's Italy.

It will be thus seen that the fear, that other communities will neglect birth-control and will thus become stronger in numbers, is altogether a baseless one.

Speeches of statesmen, who are responsible for wars, clearly show that economic difficulties, due to pressure of population, are at the root of most of the modern wars, Bernhardt, the Kaiser, Hitler, Mussolini and Goering have often stressed this point in no ambiguous words. For instance, Adolf Hitler says in his book, *Mein Kampf* :

“Through the mad multiplication of the German people before the war, the question of providing the necessary daily bread came in an ever sharper manner into the foreground of all political and economic thought and action.”

Further on he says :

“Only an adequate amount of room upon this earth secures to a nation the freedom of its existence—The National Socialist movement must endeavour to do away with the disproportion between our numbers and our territory Ground and territory must be the object of our foreign politics.” (pp. 728-35).

In his recent historic speech, delivered on the 12th of September 1938, Hitler says :

“They expect Germany, where 140 persons are squeezed into a square kilometre, to keep her Jews, whereas the powers with only a few persons per kilometre do not want them”

Similarly Mussolini has said :

“We are hungry for land, because we are prolific and intend to remain so.”
(From “Foreign Affairs”, October 1926).

“Italy demands that her indisputable need of sun and land shall be recognised by all other nations. Should they fail to do so. Italy will be forced to take matters into her own hand.” (From “Sunday Times”, November 14, 1926).

The Deputy Speaker : The honourable member has exceeded the time-limit.

Mr. B. K. Gaikwad : Sir, may I know what is the time-limit ?

The Deputy Speaker : Half-an-hour.

Mr. B. K. Gaikwad : On a point of information, Sir. The honourable member who moved the last resolution (Mr. Shrikant) spoke, I believe, for more than an hour.

The Deputy Speaker : Extension of the time is within the discretion of the Chair.

Mr. B. K. Gaikwad : Can that indulgence not be given to other resolutions ?

Mr. P. J. Roham : Sir, I do not wish to take much time of the House, but I have still some more points to make and request you to kindly allow me some more minutes.

It is, therefore, obvious that all those who stand for permanent world-brotherhood, must discountenance every attempt at increase of numbers and must try their best to limit populations by means of birth-control.

The fear that birth-control propaganda will fail to filter down to the masses and the result of the movement will thus be dysgenic instead of eugenic, is also groundless. The experience gained in Western countries establishes the fact that the lower classes do take advantage of contraceptives as soon as they are made cognizant of them, the need being greater in their cases. The masses in our country, though illiterate, are intelligent enough to know in what their own interest lies and hence there is no doubt that they will fully utilise this invention also as soon as they are made aware of its existence. Vasectomy would be found to be useful in the case of such persons and hence Government and municipalities must provide facilities in this respect in their hospitals, etc.

The late principal Gole has clearly shown in his book “हिंदु धर्म आणि सुधारणा” that even villagers have many virtues and it is really they that replenish the supply of good citizens.

The opponents of this movement try to show its futility by pointing out the examples of France, Germany and Italy but they forget that we cannot follow these countries unless it is proved that their attempts at the increase of their populations are justified. In the first place, it must be kept in mind that the birth-rates of these nations are much lower than the birth-rate of our country. Our birth-rate is 35 whereas in 1936 the birth-rates of Italy,

France and Germany were 22.2, 15 and 19 respectively. In 1900 the birth-rate in Germany was 35.6 but in 1933 it came down to 14.7. Italy and France also have their birth-rates much reduced since that time. In England the birth-rate was 33.9 in 1851-55 but in 1931 it was lowered to 15.3. Our birth-rate is practically stationary for the last fifty years and hence it would be unwise for us to imitate the efforts of other countries towards raising that rate.

It is quite natural for imperialists to lament the slackening of the rate of increase of the people of their race and it is not surprising that they should raise cries like "Renew or Die". It is, however, strange to see that those cries should make even some educated persons suspicious about the benefits of birth-control. An article, "Renew or Die", by Sir Leo Chiozza Money in "The Nineteenth Century and After" for February 1938 will illustrate the point. This writer has assumed that white leadership is necessary for the good of all humanity and has raised a cry to arrest the decline in the number of the white people. Now, in the first place, many will refuse to admit that white supremacy has benefitted the world and secondly few educated persons will be prepared to go to the length of maintaining that the decline in the number of white people will bring down any calamity upon humanity. Besides this, the postulates of this person are all wrong. He has taken it for granted that the birth-rate in England will gradually become lower and lower and that in the year 2,035 the population of England will be reduced to 4,400,000 (44 lacs). But the facts are that the birth-rate in England is increasing instead of going down. In 1933 it was 14.4 but in July 1938 it becomes 15.3. Similarly whereas the writer has estimated that the population of England and Wales in 1940 would be only 40,700,000, the actual figure for 1937 there was already 41,031,000 and it is increasing at the rate of 190,000 people per year. These facts will show that one must take the precaution of not being misled by such articles.

Emigration is sometimes suggested as a remedy for finding an outlet to over-population but that remedy also is not very promising. Compulsion in emigration, amounting to transportation is out of question. Very few persons have the courage and the inclination necessary for leaving one's own country, endeared to one's heart by reminiscences of childhood and the presence of relatives and friends and made agreeable by a suitable climate and other factors and to repair to a distant land in which there is the danger of the climate being found to be an unsuitable one and in which the inhabitants are different from oneself in language, customs and manners. Generally, people willing to emigrate are those who are fit to be good citizens and who are able and energetic. It is really a loss to the motherland that such people should emigrate. These persons can easily maintain themselves in their own country but ambition impels them to try to better their lot by going to distant lands. Emigration is practically useless in the case of persons who are handicapped either physically or mentally or

financially and it is really these people that stand in need of help. Considered from the point of the necessary capital alone, this remedy cannot afford relief to many persons.

Besides this, it must be kept in mind that sparsely populated countries are unwilling to accommodate others because they require elbow-room for their own increasing progeny. Canada is a colony in the British Empire mainly inhabited by Englishmen but it is notorious that the Canadians refused to allow English labourers, who had gone there for seasonal work, to settle in their land. Wars are occasioned by the attempts of populous countries to force their entrance in sparse regions. An illustration on the point, which is quite recent and near to us, is afforded by Burma. The cause underlying the recent communal riots there was mainly the suspicion in the minds of the Burmans that Indian marred their material progress. Compared to over-populated countries, regions of sparse populations are very few, Japan, Italy, Germany, China, India and many other countries are over-populated. It is not possible to find adequate room for emigrants from all these lands.

One more point in this connection is also worth mentioning. Emigration cannot solve the population problem of a country permanently. Like air, expanding population has a tendency to fill up vacuum immediately, leading to the recurrence of the former condition and hence it is obvious that there is no go without birth-control.

Some think that as soon as child-marriages are given up and late marriages are introduced, the increase in population will be checked. But this belief also is an unfounded one. In the first place, years must elapse before the ages at which girls are married would be sufficiently raised in our country. The years of greatest fertility in the case of girls are those between 18 and 22. In Western countries, women marry after this period. That is, they marry when their time of greatest fertility is over. When we notice the difficulties in the enforcement of the Sarda Act, fixing the minimum age of marriage of a girl at 14, we can easily see that it is almost useless to hope that in the near future women in our country will postpone their marriages up to 22 and population will be checked thereby. Mr. P. K. Wattal has drawn the following conclusions from the fertility-enquiry conducted specially in connection with the 1931 census.

(1) That girls married at ages below twenty give birth to a smaller number of children than girls married at ages above twenty.

(2) That the survival-rate of children born to mothers married at ages below twenty is much less than that of children born to mothers married at ages above twenty.

These conclusions show us that even when late marriages would come into vogue generally, there is no chance of population being appreciably checked thereby. More children would live upto mature ages and hence there is a chance of an increase and not a decrease in the rate of growth of our population.

Dr. G. S. Ghurye, Ph.D., University Professor of Sociology, Bombay, says in his article, "Fertility Data of the Indian Census of 1931" in the "Journal of the University of Bombay" (Vol. III, May 1934) : —

"If the above tentative conclusion about the co-relation between fertility and the age of woman at marriage should prove to be correct, then with the increase in woman's age at marriage which is quite essential, there would be an increase in the fertility or marriage. As it is, I believe our population is very large and Our increase undesirable and to help its increase at a greater rate would be suicidal. With our efforts to raise the women's age at marriage, therefore, there must also be carried on an intensive campaign for control of birth."

It must not, moreover, be forgotten that prostitution is encouraged by people being unable to marry at proper ages and other evil consequences also follow thereby. It is, therefore, necessary to resort to birth-control if marriage at a proper age is aimed at.

The view is held that economic independence of women will lessen the growth of population but it also does not hold water. Economic independence has no power to free a person from the clutches of Eros. Few women can observe perfect continence throughout their lives and hence this remedy would be found to be fruitless. Even now, women of the lower classes are actually helping their families with their own earnings but that fact does not seem to help family-limitation to any extent.

Some persons hold the view that though birth-control may be necessarily on medical and hygienic grounds, still it is not required for solving economic difficulties. They maintain that our country has got much scope for economic and agricultural development and efforts in these directions would raise the standard of life of our people appreciably. On close examination, however, this view also is found to be quite untenable. Want of sufficient capital and rich customers would prevent any material development of our industries. Similarly, insufficiency of fertile lands, rain-fall and manures stand in the way of any substantial increase in our agricultural production. Except in Assam, there is very little fertile land that has not yet been brought under cultivation. In Burma, there is even now sufficient suitable land awaiting cultivation and it was the figure of such land from that province that misled certain people into the belief that India has even yet sufficient fertile virgin land. In our province, 86.4 per cent. of the cultivable land has already been brought under the plough and it is doubtful whether even a fraction of the rest of the land is of any value. According to the Report of the Royal Commission on Indian Agriculture much of such land is worthless. A great portion of the agricultural land in our country has become barren through incessant cropping and want of sufficient manures.

Through the excessive growth of population, our country suffers from deficiency of forests and pasture-lands. In Canada 34.3 per cent. of cultivable land is reserved for pasturage. This proportion is 21.5 in France,

18.3 in Italy, 14.3 in Germany but in our country it is only 1.6. These figures will show to what strait our cattle is forced. Cast our glance in whatever direction we may come across mere skeletons of cattle. Though our people pride themselves upon their humanitarianism, they have, in their struggle for land, unjustly deprived the dumb creatures of much of their pasturage and brought it under tillage. Our agriculture, therefore, is suffering from insufficiency of useful cattle and organic manures like cow-dung, and hence it is very difficult to effect many appreciable improvements in it. Some persons point out the large produce per acre of rice in Japan and China and hold out the hope that there is scope for materially increasing our produce of that crop. There are grounds, however, to doubt the correctness of the figures of the production of rice in those countries. Count Karlo Sforra, former Minister for Foreign Affairs for Italy, contributed an article styled "The conflict between China and Japan" to a recent number of the "International Conciliation," a monthly published from New York. It is stated therein that from 1900, there is an appreciable decrease in the rice production per acre in Japan. There is considerable evidence to show that figures about agriculture in Japan are not reliable. Besides this, notice also must be taken of the facts that Japan is blessed with plenty of timely and all-the-year round rainfall and abundance of manures due to her extensive forests and also with a climate ideally suited to her rice crops ; combination of advantages rarely witnessed anywhere else. Although it may be admitted that self-rule may effect some betterment of the lot of our masses, no lasting and appreciable improvement in the economic condition of our people can be hoped for unless the growth of our population is deliberately checked. As has been already explained, with every opportunity afforded for its expansion, population begins to grow rapidly and thus nullifies all the advantages secured through great efforts. Hence, experience has made many scientists to hold the view that unless precaution is taken to regulate population growth by means of birth-control along with efforts to improve the economic condition of the people there cannot be any substantial and permanent rise in the standard of life of the masses.

The fact, that mere self-rule is powerless to effect an all-round improvement in the condition of a people, is demonstrated to the hilt by the examples of many independent nations. Although, through various reasons, including a low birth-rate, the economic condition of the inhabitants of countries like England and America is superior to that obtaining in this country—poverty prevents many of our countrymen from obtaining a nourishing food—still it is far from satisfactory. Even there, many find it difficult to maintain a standard of life necessary for perfect health. According to President Roosevelt one-third of the inhabitants of America do not get sufficient nourishing food. One of the reasons for this is that even there birth-control is not practised to the extent to which it is necessary. There is plenty of fertile land per head in countries that are newly settled and hence the

people there get more nourishing food than that obtained by persons in thickly populated nations. Here are the figures of consumption per head per annum in Australia and Italy :

		<i>Australia</i>	<i>Italy</i>
Milk and its products (gals.)	...	102	23
Meat (lbs.)		202	35
Fruit (lbs.)		104	40
Sugar (lbs.)		107	18
Wheat (lbs.)		297	351

Every article of food except wheat is consumed in far greater quantities in Australia than in Italy.

Out of the nations of the old world, countries like Holland that have their birth-rates much reduced through birth-control, are much happier than the rest.

In the Bombay Presidency, the amount of milk available per head per day is only one and a quarter "tolas". According to authorities on nutrition, every individual must get on an average at least one pint of milk per day.

The main object of the movement for birth-control is to bring about a state of things wherein every country will have its birth-rate suitably reduced so that it would thus be able to maintain its population decently with the aid of its own produce.

Some are under the impression that modern scientific discoveries have solved the problems of food for mankind and that it is only mal-distribution that is at the root of the present economic difficulties. Fair distribution of property would, in their opinion, bring about plenty everywhere. There is no doubt that in many places injustice prevails in the division of property and every impartial public worker must take all steps to secure justice for wronged persons in this respect. It is, however, necessary to remember that mere equal distribution will never be able to bring about a permanent and material amelioration of the condition of the masses unless growth of population is controlled by means of family-limitation.

Land being the chief source of all wealth, there cannot be plenty for all unless plenty of fertile land falls to the share of each individual. Agricultural experts like Sir Damiel Hall and Prof. East have pointed out that about two and a half acres of cultivable land are needed to support one individual on the western European standard. But in all old countries, people have to maintain themselves on land much less than this. In India, there is only three quarters of an acre of cultivable land for each individual and, as has been already pointed out, according to the opinion of the Royal Commission on Agriculture, much of the uncultivated land in this country is practically useless.

The view that the advent of chemical fertilisers has solved the problem of manures is also not a sound one. Artificial manures cannot be used at each and every place.

Rao Bahadur D. L. Sahastrabudhe, M.Ag., M.Sc, retired Agricultural

Chemist to the Government of Bombay, wrote in his article in "Sahyadri" for October 1936 as follows : —

"Experience has shown that artificial manures cannot be utilised everywhere. Organic manures like cow-dung must accompany the use of chemical fertilisers. Otherwise, artificial manures do not prove to be congenial to the crops. Similarly the crop that is to be manured with chemical fertilisers must have plentiful supply of water to prevent an injury to it.

Besides this, it must be noted that the two chief fertilisers are nitrates and phosphates and neither is of much use without the other. The supply of phosphates, however, is very limited. Sir Federick Keeble says :

'Nearly all the soil of the world are famishing for phosphates. (Fertilisers and Food Production) (1932), p. 221. Professor Armstrong says :

'The solution of the nitrogen problem by Crookes has brought us nearer to destruction rather than saved us, by hastening the depletion of irreplaceable phosphatic stores.'

Almost all places are suffering from inadequacy of forests and as a result thereof there is also a shortage of water and manures.

The present Congress Government are trying to uplift the masses of this Bombay Presidency (hear, hear). But all their efforts will go in vain if the population-problem is not tackled by means of birth-control.

The Deputy Speaker : The Honourable Member may now bring his remarks to a close.

Mr. P. J. Roham : Yes, Sir. Dr. Radhakamal Mukerjee has in his book, "Food Planning for 400 Millions", states :

"Unless some check is placed upon population-growth, any other remedy tends to be only temporary, as in the latter country (China), for population will rapidly rise again to the maximum number of persons the land will support. As population outruns faster the educational facilities that may be provided, while the taxable capacity hardly increases, it is clear that the pressure of population cannot be viewed merely in relation to the food-supply. An expanding population makes readjustments more and more difficult. A rational family planning and education of the masses in birth-control, must be accepted as the most effective means of combating population-increase."

Bombay is the gateway of India and this movement also entered this country through that very gate. It would be in the fitness of things, therefore, that it should also be nurtured in this very province. Few people get an opportunity for doing acts that would immortalize their names. Birth-control movement has afforded such an opportunity to our provincial government and it is hoped that they will not let it slip but will fully utilize it to the benefit of themselves and the people.