

Dr. S.M. Sikka, Ph.D. (London),  
Head of the Division of Botany.

*use*

D.O. No., 71022/452  
Division of Botany,  
Indian Agricultural Research Institute,  
New Delhi.

Dated, New Delhi the 18 June, 1955.

Dear Dr. Krishnan,

Herewith I am sending the seeds of summer vegetable as desired by Dr. Pal. You will have to raise the seedlings of tomato, brinjal and cauliflower, while the rest can be sown directly in the field.

We have ordered for the seeds of flowers and papaya; they will be sent to you when we receive.

Yours sincerely,

*S. M. Sikka*  
(S.M. Sikka).

Dr. K.S. Krishnan,  
Director,  
National Physical Laboratory,  
New Delhi.

use  
24  
Dr. S.M. Sikka.

Division of Botany,  
Indian Agricultural Research Inst.  
New Delhi-12.

Dated, the 5th July, 1955.

Dear Dr. Krishnan,

As desired by Dr. B.P. Pal, I am sending herewith the seeds of bhindi, cabbage, cauliflower and karela. Seed of chachinder<sup>o</sup> (snake gourd) is not in our collection. Seedling of bringal will be ready by the end of this month while those of chilli in another fortnight.

With kind regards,

Yours sincerely,

S. M. Sikka

(S.M. Sikka)

Dr. K.S. Krishnan,  
Director,  
National Physical Laboratory,  
Hillside Road,  
NEW DELHI-12.

Papers read at the Geneva Conference.

14<sup>th</sup> November, 1955

D/22/10.

By hand

21 October 1955

Dr K. S. Krishnan F.R.S  
Director

Dear Dr Sikka,

Herewith I am sending the programme of the Geneva Conference, which gives the titles of all the papers read at the Conference. I have with me all the physics papers and a few of the biological papers. If you kindly let me know which of the papers listed in the programme would interest you, I shall be glad to get for you a copy. The programme book may kindly be returned after use.

With kind regards

yours sincerely

Dr S. M. Sikka  
Head of the Division of Botany  
I.A.R.I. New Delhi 12

Dr. S. M. Sikka, Ph.D. (London),  
Head of the Division of Botany.

D.O.NO. 7266 -  
DIVISION OF BOTANY,  
INDIAN AGRICULTURAL RESEARCH INSTITUTE,  
NEW DELHI, the 19<sup>th</sup> Oct., 1955.

Dear Dr. Krishnan,

I learn that you possess a copy of list of papers read by various scientists at the Atoms-for-Peace Conference recently held at Geneva.

I shall be greatly obliged if you could kindly lend it to me for a few days. I am particularly interested in the papers dealing with the effects of radio-active isotopes on biological objects. I shall return the copy of the list of papers after noting the relevant information.

With kind regards and thanking you,

Yours sincerely,

*R. S. Sasana*  
for (S.M. Sikka)

Dr. K.S. Krishnan, F.R.S.,  
Director,  
National Physical Laboratory,  
New Delhi-12.

D/24/4/30

14th November 1955

Dear Dr. Sikka,

I have received the list of papers read at the Geneva Conference in which you would be interested. I shall try to get copies of them.

With kind regards,

Yours sincerely,

Dr. S.M.Sikka,  
Head of the Division of Botany,  
Indian Agricultural Research Institute,  
Pusa, New Delhi.

implies that in an infinitely long rod the effect of the cold end is to reduce the temperature at any distance from the end by a factor  $e^{-\alpha x}$ , where  $\alpha$  is a function of the distance. Denoting by primed letters the temperature along an infinitely long rod, in order to distinguish them from those relating to finite rods,

Generalizing from this, Stead formulated that in a finite rod, since there are two cold ends through which heat is conducted away, the temperature at any given distance from one of the ends should be given by

where  $l$  is the length of the rod.