

**INDIAN COUNCIL OF AGRICULTURAL RESEARCH
KRISHI BHAWAN: NEW DELHI-110 001**

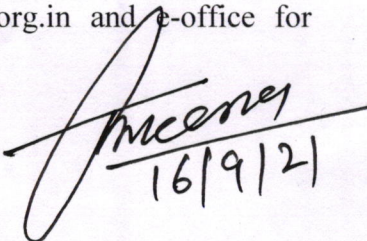
F.No.21-56/2021-CDN

Date: 16.09.2021

ENDORSEMENT

Sub:- Bio-degradable and Compostable plastic bag developed by DRDO- Regarding.

NITI Aayog, Government of India, New Delhi has issued O.M. No. 12074/1(12)/2021-E&F dated 31st August, 2021 regarding above subject. The above mentioned O.M. dated 31.08.2021 is being uploaded on the ICAR website www.icar.org.in and e-office for information and necessary action.


16/9/21

(Jitender Kumar Meena)
Under Secretary (GAC), ICAR

Distribution:-

1. All the Directors/ Project Directors/ NRCs/ PDs/ ZPDs/ Bureaux/ ATARIs for information and compliance.
2. All officers/ Sections at ICAR Krishi Bhawan/ KAB-I & II/ NASC.
3. Sr. PPS to DG, ICAR/ PPS to FA, ICAR/ PPS to Secretary, ICAR
4. Media Unit for placing on the ICAR Website.
5. Guard file/ spare copies.

No. 12074/1(12)/2021-E&F
Government of India
NITI Aayog
(NRE Vertical)

Sansad Marg, New Delhi
Dated August 31st, 2021

OFFICE MEMORANDUM

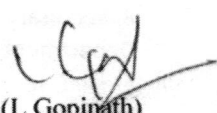
Subject: Bio-degradable and compostable plastic bag developed by DRDO

I am directed to bring to the notice of the Ministries/Departments/States Governments/Union Territories about the bio-degradable alternate to plastic which may be brought in use to replace the Single use plastic.

As the products made out of Polyethylene bags/bottles have become persistent threats to environment, the pollution caused by all pervasive polyethylene-based packaging material is having inadvertent impact on nature. Keeping in view ill effects of pervasive usage of plastics and polyethylene bags, various options are being researched to replace these hazardous materials.

In one such effort, scientists from DRDO in collaboration with M/s Eco Elastic Products, Hyderabad has developed a bio-degradable and compostable bag, which is sustainable and commercially viable to replace polyethylene bags. It possesses the following characteristics:

1. Degradable within 60 days in ambient
 2. Converts into manure within 84 days in home-compostable environment
 3. Cost is comparable to polyethylene
 4. Developed from food graded materials
 5. Zero plastic content & eco friendly
2. This ingenious development may be useful for the stakeholders to deal with the menace of plastic waste.
 3. In view of the above, the Ministries/Departments are requested to consider the product and propagate the use of product mentioned above to put an end to single use plastics.
 4. Further, it is to inform that the technical team of DRDO will present the details if required.
 5. It is requested that the bio-degradable alternate may kindly be brought in use.


(L Gopinath)
SRO(NRE)

To

1. Secretaries of all Ministries/Departments, Government of India (As per list attached)

Copy to:

1. PSO to CEO, NITI Aayog
2. PS to Adviser (NRE), NITI Aayog

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