

By Speed Post

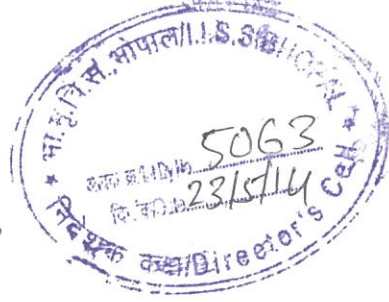
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
KRISHI ANUSANDHAN BHAWAN – II, PUSA
NEW DELHI-110012
NRM Division

F.No.1-18/2011-SWDF
2014

Dated 20th May,

To

✓ The Director,
Indian Institute of Soil Science,
Bhopal.



Subject :- Transfer of RTI application – received online from Sheshadri N.,

Sir,

Please find enclosed herewith an RTI online application dated 12/02/2014 received from Shri Sheshadri N, R/o 529/c/2, I Floor, 14th Cross, Shastrinagar, K.R. Road, Bengaluru-560028. The same application is transferred to your Institute for providing the reply at the earliest directly to the applicant under intimation to the undersigned.

Yours faithfully,

Biswas

(P.P. BISWAS)
Principal Scientist (Soils) &
CPIO (Scientific & Tech.)

Encl :-As above

Copy for information to :-

1. Shri Sheshadri N, R/o 529/c/2, I Floor, 14th Cross, Shastrinagar, K.R. Road, Bengaluru-560028.
2. Under Secretary (Admn.), ICAR

CP10

23/5/14

RTI REQUEST DETAILS**Registration No. :** ICARH/R/2014/80025 **Date of Receipt :** 12/02/2014**Type of Receipt :** Electronically Transferred from Other Public Authority **Language of Request :** English**Name :** Sheshadri N **Gender :** Male**Address :** 529/c/2, 1 Floor, 14th Cross, Shastrinagar, K R Road, Bengaluru, Pin:560028**State :** Karnataka **Country :** India**Phone No. :** Not Provided **Mobile No. :** +91-9844476679**Email :** sheshadri@expertinvest.in**Status(Rural/Urban) :** Urban **Education Status :** Above Graduate**Letter No. :** Not Provided **Letter Date :** Not Provided**Is Requester Below Poverty Line ? :** No **Citizenship Status :** Indian**Amount Paid :** 0 **Mode of Payment :** Payment Gateway**Mode(s) of information Supply :** Hard Copy **Request Pertains to :** RAJINDER KUMAR

1) In ancient times people were used to use cowdung as a source of fertilizer / manure, nowadays we are using mostly chemical based fertilizer / manure which has resulted in nutrition less food and has impacted our health as well.

Information Sought : What % of land in india is still using organic manure / cow dung

2) What is the difference between cowdung of indigenious cows and of hybrid cows.

3) which cowdung is most effective for indian lands to bring back the fertility levels of the land to the original levels is it the dung from indegenious cows or from hybrid cows



भारतीय मृदा विज्ञान संस्थान (भा. कृ. अनु. प.)
नबीबाग, बैरसिया रोड, भोपाल – 462038

Indian Institute of Soil Science

Nabibagh, Berasia Road, Bhopal – 462 038 (M.P.)
Tel No.(0755)2730970/2734221 Fax. No. (0755) 2733310

F.No. 70-1/IISS/RTI/2014

By Speed Post
Dated: 28/05/2014

To,

Shri Sheshdhari N,
R/o 529/c/2, 1st Floor,
14th Cross, Shastrinagar,
K.R.Road,
Bengaluru-560028

Sub: Reply to RTI on required information's.

Ref.:- Letter No. 1-18/2011-SWD dtd20/05/2014

Sir,

Please find enclosed here with information on the above cited reference. Further it is informed that Appellate Authority is Director, IISS Bhopal and his telephone no. is 0755-2730946.

Thanking you.

Yours faithfully,

(P.S. Sunil Kumar)

Asstt. Administrative Officer & APIO

Encl: As stated above.

Copy for information to :-

1. Dr. P.P BISWAS, Principle Scientist (Soils) & CPIO(Scientific & Tech.),
Indian Council of Agricultural Research Krishi Anusandhan Bhawan –II,
Pusa New Delhi -110012

RTI Request Details:

Registration Number ICARH/R/2014/80025 dated 12/02/2014

Information Sought:

1. In ancient times people were used to use cowdung as a source of fertilizer/manure, nowadays we are using mostly chemical based fertilizer/manure which has resulted in nutrition less food and has impacted our health as well. What % of land in india is still using organic manure/cow dung?

Ans 1. The organic farming is practiced only in 1.08 mha as against the net sown area of 140.3 mha (Annual Report 2009-10 of the Ministry of Agriculture.). In the country the current production (2011-12) of food grains figures to 259.32 million tonnes (Press Information Bureau, GOI) with a fertilizer consumption of N: 17300 (000 t), P₂O₅: 7914 (000 t), and K₂O: 2575 (000 t) for the year 2011-12 (Fertilizer statistics, 2011-12). The cultivated area under organic farming during 2010-2011 was 1.08 m ha. **This accounts for less than one per cent of the total cultivated area.** Although, organic farming may be given subsidy, reliance of the huge requirement of nutrient from organic sources may not be possible in the immediate future. ~~The dependence on chemical fertilizers will continue to sustain the food production in the country.~~

2. What is difference between cow dung of indigenous cows and of hybrid cows?

It was assumed that an adult cow produces on an average 4 to 4.5 kg of dung/day. Whereas, Hybrid cow produces around 7 to 9.0 kg dung/day. A highly skewed distribution with reference to number of cross bred cows per 1000 indigenous cows. Population of hybrid cows is less as compared to indigenous cow in the country.

3. Which cow dung is most effective for Indian lands to bring back the fertility levels of the land to the original levels, is it the dung from indigenous cows or from hybrid cows.

As such there is no report available to compare the effectiveness of indigenous cows and hybrid cows in bringing back the fertility levels of Indian lands. Most of the time, farmyard manure received from the growers contain the mix of indigenous and desi cow dung.