



भा.कृ.अ.प.- भारतीय कृषि अनुसंधान संस्थान, नई दिल्ली – ११००१२
ICAR - INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012
E-mail: jd_research@iari.res.in



सं.नं.: पी.पी.एस./सं.नि.(अनु.)/आर.टी.आई./2025/ 4267

दिनांक: 18 नवंबर, 2025

सेवा में,

डॉ. प्रीतम कालिया
जे-1/24, इंडिबुल्स सेन्ट्रम पार्क
सेक्टर - 103, दौलताबाद, गुरुग्राम - 122006, हरियाणा
ई-मेल: pritam.kalia@gmail.com

विषय: डॉ. प्रीतम कालिया, जे-1/24, इंडिबुल्स सेन्ट्रम पार्क, सेक्टर - 103, दौलताबाद, गुरुग्राम निवासी की ऑनलाइन RTI अपील नं. IAGRI/A/E/25/00049 दिनांक 12/11/2025 के सन्दर्भ में.

महोदय,

कृपया अपनी ऑनलाइन आर.टी.आई. अपील नं. IAGRI/A/E/25/00049 दिनांक 12/11/2025 का अवलोकन करें. उपरोक्त आर.टी.आई. अपील के सन्दर्भ में पॉइंट वाइज जवाब निम्नलिखित रूप से आपकी सुचना एवं अन्य कार्रवाई हेतु प्रेषित किया जा रहा है.

क्र.सं.	मांगी गई अपील का विवरण	अपील का जवाब																																																															
1.	Provide list of vegetable varieties identified for release by IARI in January/February 2016 along with copies of proposals submitted by the Division of Vegetable Science was demanded.	<p>Reply of point Nos.1 & 2 :</p> <table> <tr> <th>S.N.</th><th>Crop</th><th>Variety</th></tr> <tr><td>1.</td><td>Brinjal</td><td>Brinjal cv. Pusa Kaushal</td></tr> <tr><td>2.</td><td>Brinjal</td><td>Brinjal cv. Pusa Hybrid-20</td></tr> <tr><td>3.</td><td>Cauliflower</td><td>Cauliflower cv. Pusa Kartiki</td></tr> <tr><td>4.</td><td>Bottle gourd</td><td>Bottle gourd cv. Pusa Santushti</td></tr> <tr><td>5.</td><td>Ashgourd</td><td>Ashgourd cv. Pusa Sabzipetha</td></tr> <tr><td>6.</td><td>Ashgourd</td><td>Ashgourd cv. Pusa Urmi (Hybrid)</td></tr> <tr><td>7.</td><td>Carrot</td><td>Carrot cv. Pusa Rudhira</td></tr> <tr><td>8.</td><td>Carrot</td><td>Carrot cv. Pusa Asita</td></tr> <tr><td>9.</td><td>Carrot</td><td>Carrot cv. Pusa Vasuda (Hybrid)</td></tr> <tr><td>10.</td><td>Onion</td><td>Onion cv. Pusa Riddhi</td></tr> <tr><td>11.</td><td>Onion</td><td>Onion cv. Pusa Shobha</td></tr> <tr><td>12.</td><td>Bunching Onion</td><td>Bunching Onion cv. Pusa Soumya</td></tr> <tr><td>13.</td><td>Ridge gourd</td><td>Ridge gourd cv. Pusa Nutan</td></tr> <tr><td>14.</td><td>Broad bean</td><td>Broad bean cv. Pusa Udit</td></tr> <tr><td>15.</td><td>Bitter gourd</td><td>Bitter gourd cv. Pusa Aushadhi</td></tr> <tr><td>16.</td><td>Bitter gourd</td><td>Bitter gourd cv. Pusa Rasdar</td></tr> <tr><td>17.</td><td>Bitter gourd</td><td>Bitter gourd cv. Pusa Purvi</td></tr> <tr><td>18.</td><td>Cucumber</td><td>Cucumber cv. Pusa Barkha</td></tr> <tr><td>19.</td><td>Garden pea</td><td>Garden pea cv. Pusa Shree</td></tr> <tr><td>20.</td><td>Summer squash</td><td>Summer squash cv. Pusa Pasand</td></tr> </table> <p>* The copies of proposals submitted to IVIC for identification are not available. As per record, copies of the proposals were submitted/handed over to next HoD/PI of the Division of Vegetable Science.</p>	S.N.	Crop	Variety	1.	Brinjal	Brinjal cv. Pusa Kaushal	2.	Brinjal	Brinjal cv. Pusa Hybrid-20	3.	Cauliflower	Cauliflower cv. Pusa Kartiki	4.	Bottle gourd	Bottle gourd cv. Pusa Santushti	5.	Ashgourd	Ashgourd cv. Pusa Sabzipetha	6.	Ashgourd	Ashgourd cv. Pusa Urmi (Hybrid)	7.	Carrot	Carrot cv. Pusa Rudhira	8.	Carrot	Carrot cv. Pusa Asita	9.	Carrot	Carrot cv. Pusa Vasuda (Hybrid)	10.	Onion	Onion cv. Pusa Riddhi	11.	Onion	Onion cv. Pusa Shobha	12.	Bunching Onion	Bunching Onion cv. Pusa Soumya	13.	Ridge gourd	Ridge gourd cv. Pusa Nutan	14.	Broad bean	Broad bean cv. Pusa Udit	15.	Bitter gourd	Bitter gourd cv. Pusa Aushadhi	16.	Bitter gourd	Bitter gourd cv. Pusa Rasdar	17.	Bitter gourd	Bitter gourd cv. Pusa Purvi	18.	Cucumber	Cucumber cv. Pusa Barkha	19.	Garden pea	Garden pea cv. Pusa Shree	20.	Summer squash	Summer squash cv. Pusa Pasand
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2.	Also provide list and copies of proposals of vegetable varieties submitted by the Division of Vegetable Science for identification for release by IARI during February/March, 2016 were demanded.																																																																
3.	Provide copy of the revised proposal of the Chenopod variety Bathua Sel 2 (Pusa Green) submitted by the breeder on 18/19.3.2016 along	The copy of the revised proposal not available. As per record, copy of the revised proposal of the Chenopod variety Bathua Sel 2 (Pusa Green) was not submitted/																																																															

4.	with the names of scientists associated with the development of variety was demanded.	handed over to next HoD/PI of the Division of Vegetable Science.
5.	What was the contribution/role of B. S. Tomar in Hanuman Ram's research papers from his thesis published in Indian J. Agric. Sci. 89(8):1232 to 1235 & Indian J. Agric. Sci. 86(10):1299 to 1304?	Dr. B.S. Tomar has provided guidance for improving the manuscript/research papers, hence his name was included by the Author.
6.	Provide copy of Hanuman Ram's (M.Sc. student of Dr. A.K. Sureja) MSc thesis Advisory committee certificate from thesis carrying names and signatures with dates of members was demanded.	Copy of Advisory Committee of Dr. Hanuman Ram is enclosed.
7.	Provide me certificate of registration of cauliflower genetic stocks BR2 INGR 19078 and DMR 207 INGR 22047 with NBPGR, New Delhi along with contribution of B.S. Tomar in the development of these two genetic stocks and the period when he did research on these along with proof were demanded.	<ul style="list-style-type: none"> The copy of the two genetic stock viz. BR-2 (INGR19078) and DMR-207 (INGR22047) of cauliflower is available in public domain which can be accessed from website of ICAR-NBPGR, New Delhi. Dr. B.S. Tomar was associated in development of these applications and hence his name was included by concerned breeders viz. Dr. Shrawan Singh/Dr. Partha Saha.
	Provide details of the information was demanded w.r.t. the varieties/ hybrids developed & released through SRVC/CVRC, breeding materials developed, registered with NBPGR/ PPVFRA and publications brought out from the seeds of cauliflower parental inbreds(2), parental Or gene donors(20), advance Or gene based breeding lines(25), <i>Eru</i> CMS lines(43), <i>Or</i> gene <i>Eru</i> CMS+ 2 Cheddar CMS lines(52), <i>Or</i> gene breeding progenies(17) and <i>Eru</i> CMS orange hybrids(33) in cauliflower; and also from seeds of tropical carrot parental inbreds(63), petaloid CMS lines(17), New CMS breeding lines(13), Exotic blood CMS lines(14) and RILs(113) submitted almost five years ago to the then Director cum JDR of IARI on October 13,2020 who further passed on the same to Dr. B. S. Tomar, Head Vegetable Science Division of IARI vide F. No. PS/JD(R)/2020 date 10 th November, 2020.	No variety/hybrid released by SVRC/CVRC from the materials pertaining to cauliflower and carrot handed over to then Director cum Joint Director (Research). Subsequently, material provided to Dr. Shrawan Singh and Dr. A. K. Sureja though the Head for its use in research. No genetic stock registered so far from the material handed over by Dr. Pritam Kalia w.r.t. cauliflower and carrot for registration with NBPGR, New Delhi/publication.

धन्यवाद.

भवदीय,


(विश्वनाथन चिन्नुसामी)

अपीलीय अधिकारी एवं संयुक्त निदेशक (अनुसन्धान)

प्रतिलिपि:

- नोडल अधिकारी, आर.टी.आई. अनुभाग, निदेशक कार्यालय, भा.कृ.अ.सं., नई दिल्ली - ११००१२
- प्रभारी, ए.के.एम.यू., भा.कृ.अ.सं., नई दिल्ली - ११००१२ (संस्थान की वेबसाइट पर अपलोड करने हेतु)

डॉ. विश्वनाथन चिन्नुसामी / Dr. Viswanathan Chinnusamy
संयुक्त निदेशक (अनुसन्धान) / Joint Director (Research)
ICAR-Indian Agricultural Research Institute
New Delhi-110012 / New Delhi-110012

**HETEROSIS AND COMBINING ABILITY ANALYSIS USING Ogura
CYTOPLASMIC MALE STERILITY IN SNOWBALL CAULIFLOWER
(*Brassica oleracea* var. *botrytis* L.)**

A Thesis

By

HANUMAN RAM

Roll No: 20304

Submitted to the Faculty of Post-Graduate School,

Indian Agricultural Research Institute, New Delhi,

In partial fulfillment of the requirements

For the award of the degree of



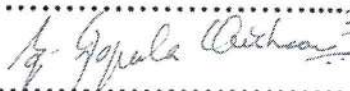
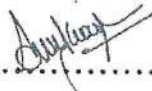

MASTER OF SCIENCE

In

HORTICULTURE

2014

Approved by:

Chairman	:	Dr. Amish K. Sureja	:		:
Co-chairman	:	Dr. Pritam Kalia	:		:
Members	:	Dr. S. Gopala Krishnan	:		:
	:	Dr. M.B. Arun Kumar	:		:
	:	Dr. Shyam Sundar Dey	:		:

दि 20/07/2014

Certificate

Plant Germplasm Registration



It is certified that germplasm BR-2 of Cauliflower (INGR19078) developed by
*Shrawan Singh, Pritam Kalia, SR Sharma, BB Sharma, Partha Saha, BS Tomar and Pratibha
Sharma*

ICAR-Indian Agricultural Research Institute, Pusa Campus, New Delhi
has been registered by Plant Germplasm Registration Committee (PGRC) of Indian Council
of Agricultural Research on October 21, 2019.

Venno Gupta

Member-Secretary
PGRC

P. 21.10.19

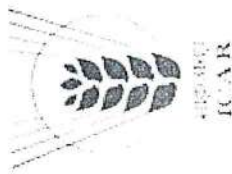
Indul

Chairman, PGRC
DDG (CS) ICAR

संयुक्त निदेशक (अनुसंधान) / Joint Director (Research)
आ.क.अ.प. - भारतीय कृषि अनुसंधान संस्थान
ICAR-Indian Agricultural Research Institute

Certificate

Plant Germplasm Registration



It is certified that germplasm BR-207 of Cauliflower (INGR21217) developed by

Pritam Kalia, Partha Saha, SR Sharma, Shravan Singh and Dinesh Singh

Division of Vegetable Science, ICAR-IARI, Pusa Campus, New Delhi

has been registered by Plant Germplasm Registration Committee (PGRC) of Indian Council of Agricultural Research on December 24, 2021.

Veenoo Gupta

Member-Secretary
PGRC

P241221

संयुक्त निदेशक (संयुक्त), Joint Director (Research)
आकृषि-भारतीय कृषि अनुसंधान संस्थान
ICAR-Indian Agricultural Research Institute
- New Delhi-110012



Shyam

Chairman, PGRC
DDG (CS) ICAR