Annexure- A

Dr Vaibhav Kumar Singh has made representation to IARI and ICAR authorities for dropping his name as developers of wheat varieties. In this regard I would like to bring into kind notice to the concerned authorities that there were five subprojects/objectives under RPP 2014-2019 extended up to March 2021, and now five objectives under RPP 2021-2026 being carried out by five different groups in the Division of Genetics, ICAR-IARI, Delhi. As a PI and lead for Objective 1 (From Oct 2020 up to march 2021) and Objective 5 (Since 2014 up to 2021) under RPP 2014-21 extended up to 2021, and PI and lead for Objective 1 (From March 2021 till now) under RPP 2021-2026, I will like to bring the following facts into your kind view:

A) To resolve the issue raised by participating scientists in the wheat improvement project related to giving the name of scientists as the developer, co-developer and associate/collaborator in the release of the variety. To develop the consensus among the scientists (scientists involved as wheat breeder/wheat team and scientist from the other division), we carried out the survey among the participating scientists in July 2022, through Google Form with complete confidentiality for each participating partners. The Google form was shared with each scientist. The result of the survey is being enclosed for your kind perusal. It has also been brought as a part of CVT proceeding for year 2022 (the copy of which has also been enclosed).

B) As a lead for objective being carried out by me and my team members, we have followed the proceeding in true spirit, in which it has been clearly indicated that the name of the scientists from other division (Q4 of the survey) will be reflected under collaborator/associate and not as developer or co-developer to reflect their association and contribution.

C) In the recently developed varieties like HD 3388, HD 3390 and HD 3410 under the project objective 5, his name was not involved in any of research activities being proposed under the project. He also did not contributed toward any of the activities even for the name sake being carried out in the subproject i.e. planning, crossing, growing and selection of breeding materials (usually around 25 acres), preparation of seed material for offseason and selection for rust resistance, yield verification in early bulks , preliminary yield trial, multi-location yield trials since 2014. His demand for recognition as developer in any of the varieties indicated above is not justified.

D) Moreover, majority of activities like evaluation of IPPSN, PPSN and race specific APR in which he has indicated his involvement is part of All India Coordinated Programme coordinated by IIWBR, Karnal. Even for these activities, he might have taken credits by showing his involvement and contribution in coordinated programme in his carrier's advancement.

E) His involvement in project during the period 2014-2021 and subsequently was 5 per cent each toward objective 1 and objective 2 and zero time share and involvement in the objective 5 being executed by me and my team and therefore cannot claim for ownership. His involvement as collaborator in the above varieties is probably more than enough for his contribution toward sharing the seed of CVT with IIWBR and conducting PDSN.

F) Wheat improvement project is project under Division of Genetics and his involvement from the Division of Pathology as associate/collaborator with only 10 per cent time contribution. The activity he is involved is sharing the seed of CVT entries with IIWBR requiring 2-3 days at the most. As per ICAR guidelines, with 10 per cent time share in the project , his

contribution should be considered as a voluntary and with the kind of his involvement in the project.

G) The majority of the participating scientists involved in wheat improvement programme from the Division of Genetics were not comfortable with equal recognition given to the scientists despite stark difference in their involvement in the varietal improvement activities in terms involvement in varietal development activities of time share (65 % vs. 10 %) and work commitment.

22/04/2024 PI & Lead for objectives 5 & 7 (2020 onwards)
(Rajbir Yadav)

Comments by other sub project/objective leads (Dr PK Singh, Dr SK Jha, Dr Sanjay Singh) why they deny

a) Contribution of Dr Vaibhav Kumar Singh as a developer in the varieties developed under your lead
b) His contribution in your programme

I have no validity from quality group at this time. However, I have similar opinion to Dr Rajbeer Yadav for credit sharing. 22/04/2024

He has not involved in development process of the wheat variety. Therefore his name listed in Collaborators.

PK Singh 22/04/2024

Proceedings of the CVT meeting of IARI Wheat team held on 14th July 2022 at Seminar room, Division of Genetics, IARI, New Delhi

A meeting was held under the Chairmanship **Dr Rajbir Yadav, PI (Wheat Improvement)** and Act. Head, Division of Genetics, IARI, New Delhi on 14th July 2022 at 10.30 AM, in the Committee Room, Division of Genetics, IARI, New Delhi, both on virtual and offline mode. The meeting was held following required social distancing.

The following wheat scientists from IARI, New Delhi attended the meeting:

1. Dr. Rajbir Yadav, PI (Wheat), Head and Pr. Scientist, Div. of Genetics, IARI, New Delhi-110 012
2. Dr. Vinod, Professor and Pr. Scientist, Division of Genetics, IARI, New Delhi-110 012
3. Dr. Anju Mahendru, Pr. Scientist, Division of Genetics, IARI, New Delhi-110 012
4. Dr. PK. Singh, Pr. Scientist , Division of Genetics, New Delhi-110 012
5. Dr. Sivasamy, Head, Regional Station, IARI, Wellington, Tamil Nadu
6. Dr. Dharam Pal, Head, Regional Station, IARI, Shimla
7. Dr Jang Bahadur Singh, Pr. Scientist, Regional Station, IARI, Indore
8. Dr. Neelu Jain, Pr. Scientist , Division of Genetics, IARI, New Delhi-110 012
9. Dr. SK Singh, Pr. Scientist , Division of Genetics, IARI, New Delhi-110 012
10. Dr. MS Saharan, Pr. Scientist , Division of Plant Pathology, IARI, New Delhi-110 012
11. Dr. Shalendra Jha, Sr. Scientist, Division of Genetics, IARI, New Delhi-110 012
12. Dr. Naresh Kumar, Sr. Scientist, Division of Genetics, IARI, New Delhi-110 012
13. Dr. H. Prashanth Babu, Sr. Scientist, Division of Genetics, IARI, New Delhi-110 012
14. Dr. Tapas Ranjan Das, Sr. Scientist, Division of Genetics, IARI, New Delhi-110 012
15. Dr. Kiran Gaikwad, Sr. Scientist, Division of Genetics, IARI, New Delhi-110 012
16. Dr. Niharika Mallik, Sr. Scientist, Division of Genetics, IARI, New Delhi-110 012
17. Dr. Vaibhav Kumar Singh, Sr. Scientist , Division of Plant Pathology, IARI, New Delhi-110 012
18. Dr. Harikrishna, Scientist (SS), Division of Genetics, IARI, New Delhi-110 012
19. Dr. Manjeet Kumar, Scientist (SS), Division of Genetics, IARI, New Delhi-110 012
20. Dr. Raghunandan, K., Scientist, Division of Genetics, IARI, New Delhi-110 012
21. Dr. Rahul Gajghate, Scientist, Regional Station, IARI, Indore

Dr. Rajbir Yadav, welcomed all the wheat team scientists to this meeting and introduced important agenda points in detail to have better research outputs from the different wheat breeding teams.

I. The following points raised and approved in the CVT meeting-2020-21 were continued to be followed.

a. *Overlapping in the area of research and developing materials for a specific breeding environment.*

As approved: The wheat teams agreed to primarily focus on their targeted environments/ objectives with some scope for testing their material for suitability of other objectives/theme. It was also approved by all the PI's to take steps to avoid overlapping in the research targets, more particularly in the case of externally funding. The team also agreed that request for inclusion in the externally funded project should officially come to the Director/JD (Res.) of the institute and should be agreed upon in consultation with Head (Genetics) and PI (Wheat) and DBRC members. In case of conflict, JD (Res.) and Head (Genetics) are empowered to make a decision, which will be binding on all team.

b. *To develop competitive indigenous breeding material for contribution to CVT of IARI.*

As approved: The point was discussed in detail among all the scientists across different wheat teams and it was felt necessary to justify such a large breeding group, it will be more pertinent to focus on the development of high yielding indigenously bred wheat varieties and to stand on par with the international institutes in long run. Accordingly, it was agreed to contribute only 25% (maximum) of direct introduction/selection from the International material in the respective CVT trial. This implies that only one international entry can be contributed to CVT if there are four entries quota.

The contribution of entries by any breeding group other than his targeted objective is based on the assumption that his material meaning breeding developed by him may also be suitable for other conditions. Therefore, it was felt necessary that contribution in areas/objective other than his targeted environment should be specifically indigenous only.

c. *The contribution to the common varietal trial need to be refined as per the target environment and breeding objectives.*

As approved: Real breeding programmers require team efforts and therefore to develop larger teams, it was proposed to merge related breeding groups into a larger team. However, due to reluctance by few participants, a decision was taken for some smaller adjustments in CVT quota keeping in view the number of scientists in a breeding group and target production environments (TPE).

II. As per suggestions received in the IRC meeting 2021-22, an online voting was conducted and with the consent of the majority of wheat team members- ICAR-IARI, New Delhi and Regional Stations the following decisions have been approved by the PI Wheat for strict complaisance.

a. What should be the cut-off ACI for promoting of entries from CVT to NIVT?

- Strictly follow the ACI ≤ 15.0
- ACI ≤ 15.0 but will be taken into consideration ACI ≤ 20.0 with a significant yield advantage over the Check **-Approved**

b. Inclusion of names of wheat team members in the release proposal (as developer, co-developer)

- Names of all the wheat team members must be included with a clear-cut indication of core (developer) and associate team members (co-developer) involved in CVT trials **-Approved**
- Only core team members' names must be given in the release proposal as developers
- Names of all the wheat team members must be included as the previous system of name inclusion

c. In case the credit is denied in the release proposal, do you agree to conduct of CVT trial?

- Yes
- No **- Approved**

d. Inclusion of names of scientists from other divisions in the variety release proposal.

- Names must be included in the co-developer list
- Names must be included as associate team members **- Approved**

The refined team-wise quota for contributing entries into the common varietal trial (from 2022-23)

Centre	No. of Genotypes															
	1A	1B	2	3A	3B	4	5A	5B	6A	6B	7-NHZ	Total	Shimla Extra Quota, NHZ-LS	MABB	Biofortification	G. Total
Pusa Bihar	1	2	-	2	1	-	1		1	1	-	09				
Indore	0	1	5	1	5	10	2	8	-	4	-	36				
Shimla	-	-	-	-	-	-	1	-	-	-	10	11				
Wellington	1	1	3	-	1	-	1	-	-	-	-	7				
Delhi _RBY	8	6	2	7	2	-	2	1	4	2	2	36				
Delhi _PKS	4	3	1	6	2	-	7	3	3	2	-	31				
Delhi _Vinod	4	2	1	3	1	-	1	1	1	1	-	15				
Delhi _AMS		1	-	1	1	-	1	-	-	-	-	4				
Total	18	16	12	20	13	10	16	13	9	10	12	149	10	7	4	170

In the formulation and conduct of CVT the following points were agreed upon with no changes from the previous year

1. **Conduct of CVT trials**: It was decided to strictly follow the CVT guidelines to conduct the trials and to keep the same plot size as per Annexure II. A fixed layout plan for conducting CVT trials should be followed. The yield should be reported per plot basis in gm. and not based on per sq meter. The border plots or row around the CVT trials was recommended to mitigate the effect of border rows on yield variations. **(Action: All concerned)**
2. **Timely submission of data:** It was decided that data must be sent by **5-10th June 2023**. No reminder should be expected for it. **(Action: All concerned)**

Formulation of trials for 2022-23

1. The distribution quota of entries among various centers/objectives is given in Appendix-II.
2. The details of plot size, number of replications, check varieties in various trials, locations and seed quantity required for each of the ten series of trials is given in Appendix-III.
3. The seed of checks should also be sent by the respective scientists as per Appendix-IV.
4. All the trials should be conducted in RBD with three replications. All the trial conducting centers should stick to the uniform pattern of conduction of trials.
5. The required quantity of seed, along with the parentage of the entries to be tested in CVT 2022-23 and **350 g** seed of SPL trial entries meant for IPPSN only will be directly sent to PI wheat Division of Genetics, IARI, New Delhi-110012 on or before Sept 20, 2022. Five hundred gram seed will be sampled out at Delhi from each CVT entry for IPPSN & SRT before coding. **(Action:** Dr SK Jha)
6. The coding work will be done by the scientists of the Division deputed by the Head of the Division and this activity will be coordinated by Dr S K Jha.

7. After coding, the set of different series of common varietal trials shall be constituted and seed packets to be dispatched to the trials conducting centers (Appendix IV) by the following scientists.

Scientist	Trial
Dr. PK Singh	CVT-1A
Dr. Harikrishna	CVT-1B
Dr. Kiran Gaikwad	CVT-2
Dr Naresh Kumar	CVT-3A
Dr. Manjeet Kumar	CVT-3B
Dr. Niharika Mallick	CVT-5A
Dr. Shailendra K Jha/ Dr. Raghunandan K	CVT-5B
Dr. H Prashanth Babu	CVT- 6A (HY)
Dr. SK Singh	CVT-6B
Dr. Niranjana M	CVT-7 (NHZ)

***CVT- 4 will be constituted by Indore center**

8. **Initial Plant Pathological Screening Nursery (IPPSN): Three hundred and fifty-gram** seed sampled out from each CVT entry and entries meant only for IPPSN along with their parentage will be sent to Dr. Vaibhav K Singh, Scientist, Division of Plant Pathology, IARI, New Delhi, who in turn will take out the seed for SRT and **300 g** seed of each IPPSN entry will be sent to IIWBR, Karnal for testing in IPPSN by September 25, 2022. (**Action:** Dr Vaibhav Singh)
9. **Compilation and analysis of CVT data:** will be done by Dr Prashanth Babu and Dr SK Jha
10. **The seedling testing of CVT entries**
    - Shimla station will test CVT 1A, 1B, 3A, 5A, 6A, 6B and 7(NHZ) entries at seedling stage with pathotypes 110S119 & 78S84/or new pathotype(s)(ex. 238S119) of stripe rust.
    - Indore station will test all CVT entries at the seedling stage with pathotype 40A of stem rust.
    - Delhi station will test all CVT entries at the seedling stage with pathotype 77-5 of leaf rust.
    - Wellington station will test all CVT entries at the seedling stage with selected one pathotype of stem and leaf rust each other than the pathotypes 40A and 77-5.

Conduct of PDSN

Centre	Stem rust	Leaf rust	Stripe rust	Leaf blight
Dhaula Kuan	-	+	+	-
Bajaura	-	+	+	-
Katrain	-	+	+	-
Delhi	-	+	+	-
Pusa	-	+	-	+
Indore	+	+	-	-
Wellington	+	+	+	-

(Action: All concerned)

Preliminary Disease Screening Nursery (PDSN)

- PDSN will be conducted in Delhi, Karnal, Pusa, Dhaula Kuan, Bajaura, Katrain, Wellington and Indore stations. About 50-gram seed of each entry for testing in PDSN should be sent to Dr. Vaibhav K Singh, Scientist, Division of Plant Pathology, IARI, and New Delhi by **October 1, 2022** for testing. The numbers of entries allotted to different centers during 2022-23 are the same: **Pusa Bihar (75), Indore (100), Shimla (65), Wellington (25) and Delhi (350).** For Delhi center distribution of entries for different breeder are also same as last year: Dr. Rajbir Yadav (160), Dr. P K Singh (80), Dr. Vinod (80) and Dr. (Mrs) Anju M. Singh (30).
- Screening of entries against yellow rust in PDSN will be done at three locations viz., Dhaulakuan, Bajaura and Katrain. It was decided that a pathologist along with the breeder(s) would visit the rust nurseries for disease scoring. **(Action: All concerned)**

Meeting ended with a vote of thanks to the Chair.

(Rajbir Yadav)
PI (Wheat), Head
Division of Genetics
IARI, New Delhi-110012

Annexure-I

Name of the entry for NIVT- 1A	Name of the entry in CVT-1A	Name of the entry for NIVT-1B	Name of the entry in CVT-1B	Name of the entry for NIVT-2	Name of the entry in CVT-2	Name of the entry NIVT-3A	Name of the entry in CVT-3A
HD3472	DW1749	**HD3448**	DL21-6	**HD3450**	DL21-7	**HD3452**	SBP21-14
HD3444	SBP21-2	**HD3449**	DW1760	**HD3451**	DW1762	**HD3453**	DW1764
HD3445	DW1754	**HP1979**	PS1268	**HI1683**	INDB2105	**HD3454**	DL21-8
HD3446	DL21-1	**HP1978**	PS1267	**HI1684**	INDB2104	**HD3455**	DW1766
HD3447	DW1755	**HD3467**	DL21-3			**HP1980**	PS1270
Name of the entry for NIVT- 3B	Name of the entry in CVT-3B	Name of the entry for NIVT-4	Name of the entry in CVT-4	Name of the entry NIVT-5A	Name of the entry in CVT-5A	Name of the entry for NIVT-5B	Name of the entry in CVT-5B
HD3456	SBP21-16	**HI8848**	IDW2109	**HD3457**	DW1774	**HI1688**	INDB2114
HI1685	INDB2107	**HI8849**	IDW2112	**HD3458**	DW1773	**HI1689**	INDB2113
HI1686	INDB2110	**HI8850**	IDW2113	**HD3459**	SBP21-21	**HI1693**	THI8
HI1687	INDB2108			**HD3460**	SBP21-18	**HI8851 (d)**	IDW2101(d)
				HD3468	SBP21-20	**HI8852 (d)**	IDW2104(d)
Name of the entry IVT-NHZ	Name of the entry in CVT-NHZ	Name of the entry for NIVT-6A	Name of the entry in CVT-6A	Name of the entry for NIVT-6B	Name of the entry in CVT-6B	Name of the entry for MABB-AVT	Name of the entry
HS695	WBM3988	**HD3461**	DW1777	**HI1690**	INDB2116	**HD3470**	SBP
HS696	WBM4001	**HD3462**	DW1776	**HI1691**	INDB2118	**HD3471**	SBP
HS697	WBM3992	**HD3463**	DW1779				
HS698	WBM3974	**HD3464**	DW1778				
HS699	WBM4020						
HD3466	DW1782						
Name of the entry QCWBN-AVT	Name of the entry						
HD3469	QBI21-1						

Appendix-II

Centre	No. of Genotypes															
	1A	1B	2	3A	3B	4	5A	5B	6A	6B	7-NHZ	Total	Shimla Extra Quota, NHZ-LS	MABB	Biofortification	G. Total
Pusa Bihar	1	2	-	2	1	-	1		1	1	-	09				
Indore	0	1	5	1	5	10	2	8	-	4	-	36				
Shimla	-	-	-	-	-	-	1	-	-	-	10	11				
Wellington	1	1	3	-	1	-	1	-	-	-	-	7				
Delhi _RBY	8	6	2	7	2	-	2	1	4	2	2	36				
Delhi _PKS	4	3	1	6	2	-	7	3	3	2	-	31				
Delhi _Vinod	4	2	1	3	1	-	1	1	1	1	-	15				
Delhi _AMS		1	-	1	1	-	1	-	-	-	-	4				
Total	18	16	12	20	13	10	16	13	9	10	12	149	10	7	4	170

Appendix-III

Check varieties and testing centers for IARI Common Wheat Trials (2022-23)

Trials	Check Varieties	Rep	Plot Size	Locations	#Seed quantity required at 40g TGW
CVT -1A	HD 3226, DBW 187, DBW 222, HD 3086,	3	6 x 1.20m	Delhi, Karnal, Shikohpur, Pusa Bihar,	2.0 Kg
CVT -1B	HD 3226, DBW 187, DBW 222, HD 3086	3	6 x 1.20m	Delhi, Karnal, Shikohpur, Pusa,	2.0 Kg
CVT -2	GW322, HI1544	3	6 x 1.20m	Indore, Bhopal, Pune, Mandsaur, Wellington	2.42 Kg
CVT -3A	HD 3059, HD 3118	3	6 x 1.08m	Delhi, Karnal, Pusa, Shikohpur	2.0 Kg
CVT 3B	HD 2932, HD 3090	3	6 x 1.08m	Indore, Bhopal, Mandsaur	1.5 Kg
CVT -4	HI 8713, HI 8737	3	6 x 1.20m	Indore, Bhopal, Pune	1.5 Kg
CVT -5A	HD 3237, HI3171	3	6 x 1.20m	Delhi, Pusa,	1.1 Kg
CVT -5B	HI 8777, MP 3288	3	6 x 1.20m	Indore, Bhopal	1.1 Kg
CVT-6A (HY)	HD 3226, DBW 187, DBW 222, HD 3086, HDCSW18	3	6 x 1.08m	Delhi (2), Karnal,	1.5 Kg
CVT -6B	GW322, DBW187	3	6 x 1.20m	Indore, Bhopal, Pune, Mandsaur	2.0 Kg
CVT-7 (NHZ)	HS 507, HS562	3	3 x 1.20m	Shimla (RF), Katrain	1.1 Kg

 # The seed quantity includes seed for IPPSN& SRT and no extra packet for this purpose

Calculation based on entries with 38-40 /1000 grain weight. Add extra seed for entries having more 1000-grain weight.

Appendix-IV

Persons responsible for supply of seed of check varieties for trials

Name of person	Checks (Trials)
Dr Rajbir Yadav	HD 3226, DBW 187 and DBW 222 (CVT 1A, CVT 1B, CVT HY), HD 2932 (CVT 3B), HD 3171 (CVT 5A), HD CSW 18 (HYPT)
Dr. P K Singh	HD 3086 (CVT 1A, CVT 1B, CVT HY), HD 3118 (CVT 3A), HD 3237 CVT 5A)
Dr. Vinod	HD 3059 (CVT 3A), HD 3090(CVT 3B)
Dr JB Singh	GW322 and HI1544 (CVT 2), HI 1563 (CVT 3A), HI 8713 and HI 8737 (CVT 4), HI 8777 and MP 3288 (CVT 5B), GW322 and DBW187 (CVT 6B)
Dr Dharm Pal	HS 507 and HS562 (CVT-7 (NHZ))

Appendix-V

Persons responsible for conducting IARI Common Wheat Trials (2022-23)

S. No.	Trial	Centre	Scientist
1	CVT-1A	Delhi	Dr. Naresh Kumar
		Karnal	Dr. RN Yadav
		Shikohpur	Dr. Rajbir Yadav
		Pusa Bihar	Dr. KK Singh
2	CVT-1B	Delhi	Dr. H Prashanth Babu
		Karnal	Dr. RN Yadav
		Shikohpur	Dr. Manjeet Kumar
		Pusa Bihar	Dr. TR Das
3	CVT-2	Indore	Dr. JB Singh
		Bhopal	Dr. JB Singh
		Pune	Dr. GK Mahapatro
		Mandsaur	Dr. JB Singh
		Wellington	Dr Sivasamy
4	CVT-3A	Delhi	Dr. S K Jha
		Karnal	Dr. RN Yadav
		Pusa Bihar	Dr. KK Singh
		Shikohpur	Dr Manjeet Kumar
5	CVT-3B	Indore	Dr. JB Singh
		Bhopal	Dr. JB Singh
		Mandsaur	Dr. JB Singh
6	CVT-4	Indore	Dr. JB Singh
		Bhopal	Dr. JB Singh
		Pune	Dr. GK Mahapatro
7	CVT-5A	Delhi	Dr. PK Singh
		Pusa Bihar	Dr. KK Singh
		Indore	Dr. JB Singh
8	CVT-5B	Indore	Dr. JB Singh
9	CVT-6A	Delhi	Dr. Rajbir Yadav/ Dr Kiran Gaikwad
		Delhi	Dr. P K Singh
		Karnal	Dr. RN Yadav
9	CVT-6B	Indore	Dr. JB Singh
10	CVT-7 (NHZ)	Shimla, Katrain	Dr. Dharm Pal

---- End ----

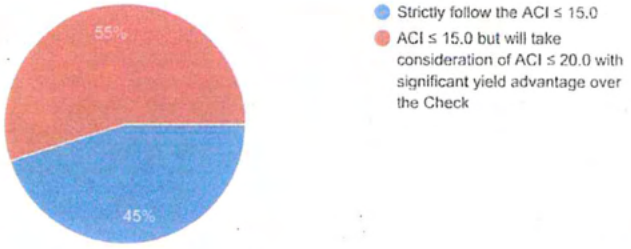
Timestamp	Email address	Score	What should be the cut off ACI for promotion of entries from CVT to NIVT?	Inclusion of names of wheat team members in the release proposal (as developer, co-developer)	In case the credit is denied in release proposal, do you agree for	Inclusion of name of scientist from other division, in the variety release p
18/07/2022 14:12:37	murgeshchu615@gmail.com		Strictly follow the ACI ≤ 15.0	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	No	Names must be included as associate team members
18/07/2022 14:12:56	prashantbanzi@gmail.com		Strictly follow the ACI ≤ 15.0	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	No	Names must be included as associate team members
18/07/2022 14:16:54	vikaswn21@gmail.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included as previous system of name inclusion	Yes	Names must be included as associate team members
18/07/2022 14:26:45	dowalia@rediffmail.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included as previous system of name inclusion	Yes	Names must be included in co-developer list
18/07/2022 14:41:25	vinaikamboj@gmail.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	Yes	Names must be included as associate team members
18/07/2022 16:03:57	barista.breeder.icar@gmail.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	No	Names must be included as associate team members
18/07/2022 16:05:18	rajbiryadav@yahoo.com		Strictly follow the ACI ≤ 15.0	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	Yes	Names must be included as associate team members
18/07/2022 16:07:34	jharsha47@gmail.com		Strictly follow the ACI ≤ 15.0	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	No	Names must be included as associate team members
18/07/2022 17:29:58	raghunandan.pkvbv@gmail.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	No	Names must be included as associate team members
18/07/2022 17:34:06	gaikwadkb@gmail.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included as previous system of name inclusion	No	Names must be included as associate team members
19/07/2022 02:17:49	tetas.ian@gmail.com		Strictly follow the ACI ≤ 15.0	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	No	Names must be included in co-developer list
20/07/2022 10:07:26	mviranjana2010@gmail.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	No	Names must be included as associate team members
22/07/2022 12:07:05	rahul@inavmas@gmail.com		Strictly follow the ACI ≤ 15.0	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	Yes	Names must be included as associate team members
22/07/2022 12:07:50	jangbsingh@gmail.com		Strictly follow the ACI ≤ 15.0	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	Yes	Names must be included as associate team members
22/07/2022 12:33:37	neelu_jain25@yahoo.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (co-developer) involved in CVT trials		Names must be included as associate team members
22/07/2022 12:54:56	mcaguriari@gmail.com		Strictly follow the ACI ≤ 15.0	Names of all the wheat team members must be included as previous system of name inclusion	Yes	Names must be included as associate team members
23/07/2022 16:49:11	vinaheatava@gmail.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included with a clear cut indication of core (developer) and associate team members (c	No	Names must be included as associate team members
23/07/2022 17:37:07	gsain@gmail.com		Strictly follow the ACI ≤ 15.0	Names of all the wheat team members must be included as previous system of name inclusion	Yes	Names must be included as associate team members
25/07/2022 10:40:28	sksingh.ds.if@gmail.com			Names of all the wheat team members must be included as previous system of name inclusion		Names must be included as associate team members
26/07/2022 12:38:01	anju_maheshwa@yahoo.co.in		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included as previous system of name inclusion		Names must be included as associate team members
26/07/2022 15:02:44	mssinwan1@gmail.com		ACI ≤ 15.0 but will take consideration of ACI ≤ 20.0 with significant yield advantage over the Check	Names of all the wheat team members must be included as previous system of name inclusion	No	Names must be included as associate team members
						Names must be included in co-developer list

Voting regarding the issues raised at CVT meeting 2022

21 responses

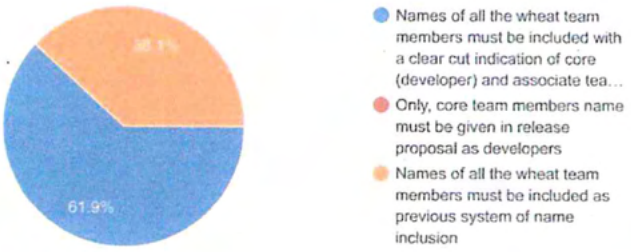
What should be the cut-off ACI for promotion of entries from CVT to NIVT? Copy

20 responses



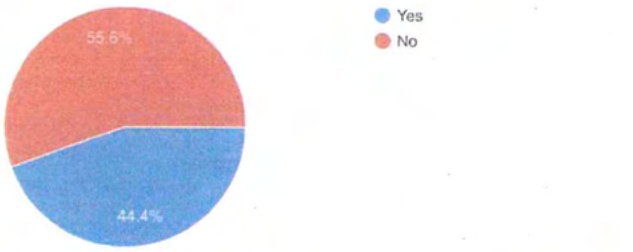
Inclusion of names of wheat team members in the release proposal (as developer, co-developer) Copy

21 responses



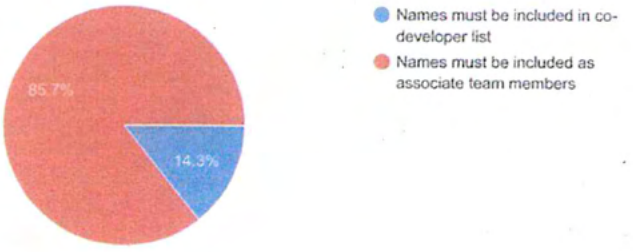
In case the credit is denied in release proposal, do you agree for conductance of CVT trial? Copy

18 responses



Inclusion of name of scientist from other divisions in the variety release proposal Copy

21 responses



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Annexure-B

2093741/2024/Gen-IARI

SN	Name of the variety	Role as Developer / Co-developer / Collaborator	Contribution, if any
1	HD 3118	Co-developer	Contributed in Rust Screening APR & SRT
2	HS 562	Co-developer	Dr Vaibhav Singh was involved during the process of development of wheat variety HS562 with his contribution for constituting PDSN, screening of PDSN against rusts, compilation of disease data of different locations. Also contributed for constitution of CVT for SRT (Seedling Resistance Test) against stripe rust pathotypes under glass house conditions.
3	HD 3171	Co-developer	Dr Vaibhav was not involved in any of the activity which are required in the development of variety which includes, selection of parents, hybridization, creation of epiphytotic conditions for diseases, selection in segregating generations, off season nursery screening, initial yield trials, station trials, and common varietal trails conductance in the sub-project from which HD 3171 was developed. Dr. Vaibhav was involved only in screening of PDSN entries against rust disease at Delhi center
4	HI 1605	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for PZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
5	HI 8759	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for CZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
6	HI 1612	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. Dr. Vaibhav was involved only in screening of PDSN entries against rust disease at Delhi center
7	HI 8777	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails

			conductance. It was released for PZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
8	HD 3226	Co-developer	Dr Vaibhav was not involved in any of the activity which are required in the development of variety which includes, selection of parents, hybridization, creation of epiphytotic conditions for diseases, selection in segregating generations, off season nursery screening, initial yield trials, station trials, and common varietal trails conductance in the sub-project from which HD 3226 was developed. Dr. Vaibhav was involved only in in screening of PDSN entries against rust disease at Delhi center.
9	HD 3237	Co-developer	Contributed in Rust Screening
10	HI 1620	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. Dr. Vaibhav was involved only in screening of PDSN entries against rust disease at Delhi center
11	HI 1621	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. Dr. Vaibhav was involved only in screening of PDSN entries against rust disease at Delhi center
12	HI 1628	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. Dr. Vaibhav was involved only in screening of PDSN entries against rust disease at Delhi center
13	HI 8802	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for PZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
14	HI 8805	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial

			yield trials, station trials, and common varietal trails conductance. It was released for PZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
15	HD 4728	Co-developer	Contributed in Rust Screening
16	HD 3249	Co-developer	Not involved in entry selection value verification and other activity necessary for varietal development Involved in only PDSN screening at Delhi center
17	HD 3271	Co-developer	Contributed in Rust Screening
18	HD 3298	Co-developer	Dr Vaibahv was not involved in any of the activity which are required in the development of variety which includes, selection of parents, hybridization, creation of epiphytotic conditions for diseases, selection in segregating generations, off season nursery screening, initial yield trials, station trials, and common varietal trails conductance in the sub-project from which HD 3298 was developed. Dr. Vaibhav was involved in screening of PDSN entries against rust disease at Delhi center.
19	HD 3293	Co-developer	Contributed in Rust Screening
20	HI 1633	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for PZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
21	HI 1634	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for CZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
22	HI 1636	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for CZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.

23	HI 8823	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for PZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
24	HD 3369	Co-developer	Contributed in Rust Screening
25	HD 3390	Co-developer	Dr Vaibhav was not involved in any of the activity which are required in the development of variety which includes, selection of parents, hybridization, creation of epiphytotic conditions for diseases, selection in segregating generations, off season nursery screening, initial yield trials, station trials, and common varietal trails conductance in the sub-project from which HD 3390 was developed. Dr. Vaibhav was involved in screening of PDSN entries against rust disease at Delhi center.
26	HD 3406	Co-developer	Contributed in Rust Screening
27	HD 3407	Co-developer	Contributed in Rust Screening
28	HD 3411	Co-developer	Contributed in Rust Screening
29	HI 1650	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for CZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
30	HI 1653	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. Dr. Vaibhav was involved only in screening of PDSN entries against rust disease at Delhi center
31	HI 1655	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for CZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
32	HI 8826	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection,

			hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for PZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
33	HI 8830	Co-developer	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for CZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
34	HI 8737	Collaborator	Not engaged in any of the processes necessary for developing variety, such as parent selection, hybridization, establishing epiphytotic conditions for diseases, selecting within generations, initial yield trials, station trials, and common varietal trails conductance. It was released for CZ region where leaf rust and stem rust of South is considered for release, however Dr VK Singh was involved in screening of PDSN entries against stripe and leaf rusts (north) at IARI, Delhi.
35	HD 3410	Collaborator	Not involved in any activity in the development of HD 3410
36	HD 3388	Collaborator	Not involved in any activity in the development of HD 3388
37	HD 3386	Collaborator	Not involved in any activity of varietal development process

Annexure-C

Zimbra jd_research@iari.res.in

Your representation regarding dropping of your name as one of the developers in recently identified wheat varieties of IARI - regarding.

From : jd research <jd_research@iari.res.in> Mon, Jun 24, 2024 12:58 PM

Subject : Your representation regarding dropping of your name as one of the developers in recently identified wheat varieties of IARI - regarding.

To : vaibhav singh <vaibhav.singh@icar.gov.in>, drsinghvaibhav ars <drsinghvaibhav.ars@gmail.com>

Cc : ddgcs icar <ddgcs.icar@nic.in>, adgseedicar@gmail.com, director <director@iari.res.in>, incharge_pme <incharge_pme@iari.res.in>, ZTM B IARI <zonaltech@gmail.com>, Aakriti Sharma <aakritinankur@gmail.com>, head_gen <head_gen@iari.res.in>, Gopala Krishnan S <gopal_icar@yahoo.co.in>

भा.कृ.अ.प.- भारतीय कृषि अनुसंधान संस्थान, नई दिल्ली – ११००१२
ICAR - INDIAN AGRICULTURAL RESEARCH INSTITUTE
NEW DELHI – 110012
Tel. 011-25843379, E-mail: jd_research@iari.res.in

No.PPS/JDR/2.31/2024 Dated: 24th June,2024

To

Dr Vaibhav Kumar
Senior Scientist
Division of Plant Pathology
ICAR-IARI, New Delhi

Dear Dr. Singh,

With reference to your letters and emails to the Director ICAR-IARI, and DDG (CS) on the subject referred above, based on the response received from the breeders of released wheat varieties, the PI of the wheat program and Head, Division of Genetics, a brief summary is presented below:

Earlier the name was given in the wheat varieties, if a scientist's name was associated with wheat improvement project, irrespective of his/or her specific contribution in development of a variety to promote the team spirit. Hence your name was included in as many as 34 IARI wheat varieties released earlier, as co-developer. However, there was a concern among the team members of wheat from the Division of Genetics, on the extent of involvement of collaborators from other disciplines in varietal development to merit their inclusion as developer. It has been reiterated that you were neither involved in the research activities towards varietal development nor contributed towards any activity towards the development of these recent wheat varieties.

Therefore, your claim for inclusion as developer of the recently released wheat varieties is not justified and your representation is disposed of.

Yours Sincerely,

Dr. Viswanathan Chinnusamy, FNAAS
Joint Director (Research)
Indian Agricultural Research Institute
New Delhi-110012, India
Phone:91-11-25843379
Alternate Email: V.Chinnusamy@icar.gov.in
Website: www.iari.res.in

Copy to

1. Deputy Director General (Crop Science), ICAR, Krishi Bhawan, New Deli - 110001
2. Asstt. Director General (Seed), ICAR, Krishi Bhawan, New Delhi - 110001
3. Director, ICAR-Indian Agricultural Research Institute, New Delhi - 110012
4. Head, Division of Genetics, ICAR-IARI, New Delhi - 110012
5. Incharge, PME, Directorate, ICAR-IARI, New Delhi – 110012
6. Incharge, ZTMBPD Unit, ICAR-IARI, New Delhi - 110012