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Table 1: Comparison of total phosphorus (mg/g) in twenty Indian wheat varieties

Variety name	Native	Germination	Soaking	Heating	Kilning	Grinding
DBW-17	3.13±0.09	4.47±0.03	3.00±0.06	2.42±0.22	3.67±0.04	2.27±0.18
WH-1021	2.88±0.07	3.80±0.44	1.95±0.42	2.25±0.13	3.60±0.06	1.93±0.03
HD-2894	3.20±0.10	4.50±0.00	3.03±0.03	2.40±0.21	3.72±0.02	2.25±0.16
PBW-502	2.90±0.06	3.17±0.73	2.56±0.32	2.17±0.09	3.54±0.03	2.00±0.06
PBW-226	3.03±0.09	3.17±0.44	2.69±0.35	2.13±0.09	3.54±0.03	2.07±0.03
RAJ-3765	3.07±0.12	3.67±0.44	2.91±0.15	2.07±0.12	3.49±0.06	2.03±0.03
HUW-234	3.20±0.10	4.10±0.26	3.00±0.06	2.67±0.17	3.69±0.01	2.20±0.06
PBW-154	3.03±0.09	4.17±0.24	2.97±0.09	2.24±0.13	3.58±0.02	2.17±0.12
K-9107	2.90±0.05	4.23±0.22	2.55±0.32	1.87±0.30	3.57±0.03	2.20±0.15
K-7903	3.00±0.06	4.30±0.20	2.93±0.12	1.83±0.33	3.55±0.05	2.27±0.12
WR-544	2.80±0.15	3.97±0.26	2.53±0.32	1.80±0.36	3.55±0.03	2.17±0.04
LOK-1	3.27±0.03	4.57±0.07	3.10±0.06	2.77±0.15	3.73±0.03	2.33±0.19
PBW-373	2.63±0.32	4.00±0.12	2.44±0.24	2.24±0.12	3.59±0.06	1.96±0.04
PBW-550	3.00±0.06	3.87±0.19	2.50±0.25	2.27±0.15	3.53±0.03	1.97±0.03
WH-711	2.91±0.05	2.60±0.80	2.39±0.20	1.90±0.21	3.52±0.04	1.97±0.03
SONALIKA	3.03±0.09	3.50±0.29	2.48±0.24	2.20±0.10	3.53±0.03	1.97±0.03
WH-1025	2.89±0.07	4.11±0.06	1.97±0.49	2.14±0.09	3.55±0.03	1.94±0.06

RAJ-3777	2.93±0.03	3.93±0.04	2.87±0.09	2.21±0.11	3.39±0.20	2.03±0.04
KUNDAN	2.82±0.13	3.85±0.10	2.83±0.09	2.18±0.09	3.51±0.05	1.93±0.13
HW-2045	2.91±0.05	3.77±0.11	2.86±0.09	2.32±0.19	3.53±0.03	1.96±0.10
CD	0.3	0.9	0.65	0.5	0.17	0.28
CV%	6.07	14.02	14.69	13.82	2.86	8.02

All value are given in table expressed as Mean±SEM of triplicate data (n=3) observed in experiment at 5% level of significance.

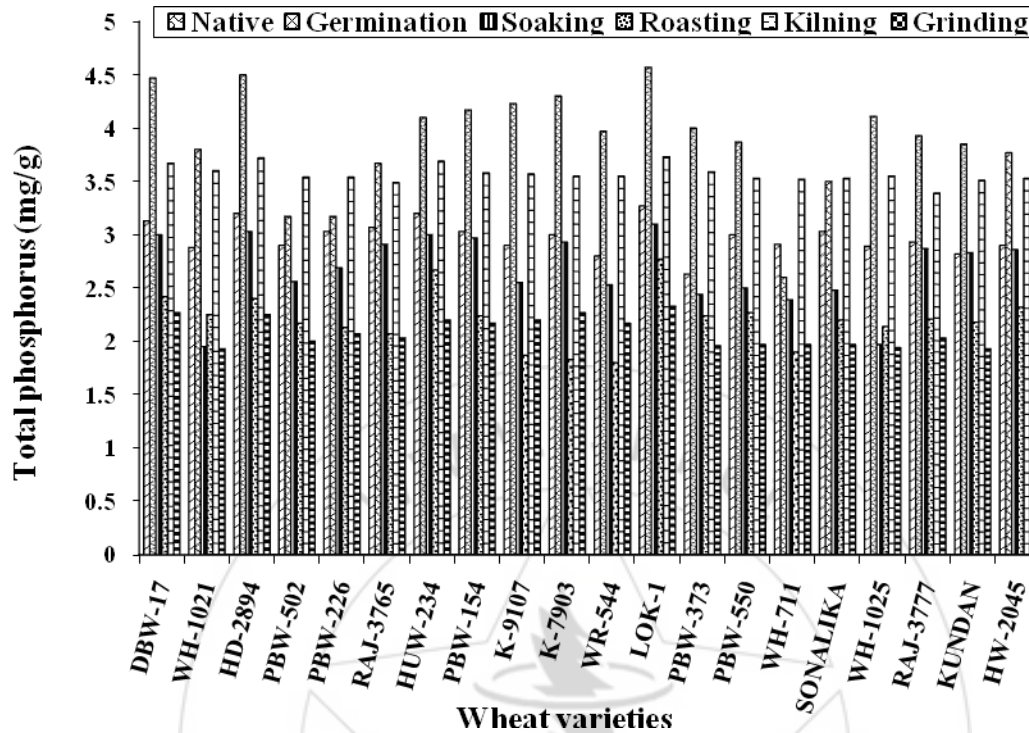


Figure 1: Total phosphorus profile of twenty Indian wheat varieties

Table 2: Comparison of inorganic phosphorus (mg/g) in twenty Indian wheat varieties

Variety name	Native	Germination	Soaking	Heating	Kilning	Grinding
DBW-17	0.67±0.03	1.97±0.09	1.13±0.03	0.57±0.09	1.57±0.03	0.67±0.03
WH-1021	0.29±0.09	1.53±0.27	1.23±0.03	0.33±0.08	1.57±0.03	0.29±0.09
HD-2894	0.63±0.07	2.00±0.06	1.31±0.10	0.50±0.12	1.41±0.10	0.63±0.07
PBW-502	0.50±0.00	1.83±0.09	1.30±0.06	0.43±0.07	1.43±0.07	0.50±0.00
PBW-226	0.53±0.03	1.85±0.07	1.58±0.14	0.46±0.09	1.55±0.03	0.53±0.03
RAJ-3765	0.70±0.20	1.86±0.07	1.22±0.04	0.53±0.19	1.56±0.03	0.70±0.20
HUW-234	0.57±0.03	2.02±0.04	1.31±0.10	0.57±0.03	1.59±0.01	0.57±0.03
PBW-154	0.53±0.07	1.47±0.24	1.56±0.17	0.53±0.07	1.43±0.09	0.53±0.07
K-9107	0.57±0.03	1.90±0.06	1.47±0.09	0.57±0.03	1.46±0.09	0.57±0.03
K-7903	0.54±0.06	1.82±0.10	1.24±0.03	0.54±0.06	1.40±0.10	0.54±0.06
WR-544	0.59±0.01	1.91±0.06	1.25±0.03	0.59±0.01	1.45±0.09	0.59±0.01
LOK-1	0.67±0.03	2.03±0.03	1.55±0.16	0.64±0.03	1.30±0.17	0.67±0.03
PBW-373	0.60±0.00	1.85±0.08	1.29±0.11	0.60±0.00	1.45±0.10	0.60±0.00
PBW-550	0.59±0.01	1.85±0.08	1.24±0.03	0.59±0.01	1.61±0.01	0.59±0.01
WH-711	0.30±0.10	1.89±0.06	1.53±0.23	0.24±0.14	1.66±0.06	0.30±0.10
SONALIKA	0.57±0.03	2.02±0.04	1.56±0.11	0.57±0.03	1.62±0.02	0.57±0.03
WH-1025	0.22±0.02	1.91±0.06	1.57±0.18	0.16±0.07	1.58±0.02	0.22±0.02
RAJ-3777	0.57±0.03	1.87±0.07	1.50±0.00	0.57±0.03	1.63±0.03	0.57±0.03
KUNDAN	0.55±0.05	1.90±0.06	1.49±0.11	0.55±0.05	1.64±0.04	0.55±0.05
HW-2045	0.54±0.06	1.84±0.09	1.57±0.15	0.54±0.06	1.44±0.09	0.54±0.06
CD	0.18	0.3	0.31	0.21	0.2	0.18
CV%	20.33	9.59	13.55	25.21	7.97	20.33

All value are given in table expressed as Mean±SEM of triplicate data (n=3) observed in experiment at 5% level of significance.

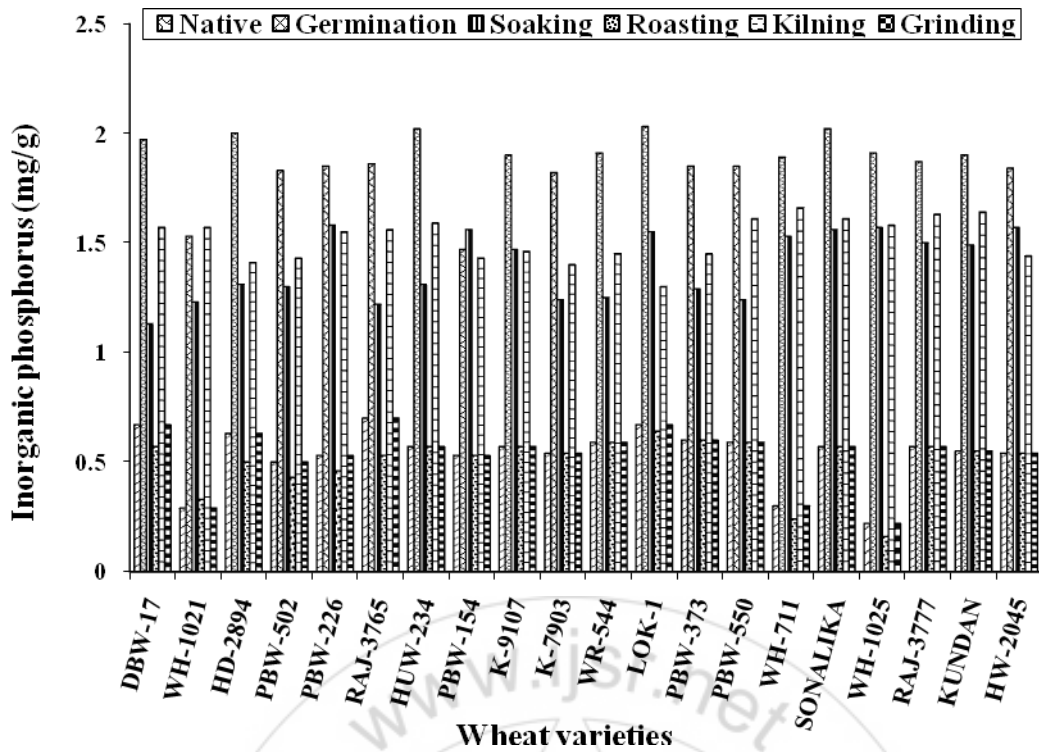


Figure 2: Inorganic phosphorus profile of twenty Indian wheat varieties

