Trait specific field crop varieties dedicated to the Nation

Sr. No.	Crop	Variety	Specific trait
1	Quinoa	Him Shakti	High protein content (15.64%) and oil (8.91%)
2	Buckwheat	Him Phaphra	High protein (13.1%) with methionine and iron (6.6 mg/100g) content
3	Winged bean	PBW 11-2	High pod yield and protein content
4	Faba bean	HFB 2	High seed yield and protein content (24.13%)
5	Soybean	NRC 138	Early maturing amenable to mechanical harvesting
6	Soybean	KBVS 1 (Karune)	First variety of soybean having green pod suitable for consumption
7	Soybean	NRC 142	First double null variety free from anti-nutritional factor Kunitz trypsin inhibitor (KTI) and lipoxygenase-2 (principal contributor to off-flavour)
8	Mustard	PusaDuble Zero Mustard 31	High yielding (26.4 q/ha) variety of mustard with Canola quality (erucic acid <2% and glucosinolates<30ppm)
9	Mustard	RCH 1	High yielding (26.7 q/ha) hybrid of mustard with Canola quality (erucic acid <2% and glucosinolates<30ppm)

10	Pigeonpea	IPH 15-3	Early maturing (<150 day) and resistant to wilt and sterility and mosaic disease
11	Pigeonpea	IPH 09-5	Early maturing (<150 day) and resistant to wilt and sterility and mosaic disease
12	Chickpea	Pusa Chickpea 4005	A drought tolerant high yielding varieties of chickpea developed through marker assisted selection
13	Chickpea	IPCMB 19-3 (Samriddhi)	A Fusarium wilt resistant high protein (22.9%) variety developed through marker assisted selection
14	Pearl millet	PB 1877	Summer pearl millet variety rich in Iron (42 ppm) and zinc (32 ppm)
15	Pearl millet	HHB 67 Improved 2	Pearl millet hybrid rich in Iron (42 ppm) and zinc (32 ppm) and resistance to downy mildew
16	Sorghum	JaicarRaseela-CSV 49SS (SPV 2600)	Sweet sorghum suitable for 1G biofuel and silage making
17	Sorghum	CSH 47 (SPG 1798)	High biomass variety suitable for 2G biofuel and silage making
18	Forage sorghum	JaicarUrja-CSV 48 (SPV 2402)	High biomass variety suitable for 2G biofuel and silage making
19	Rice	Pusa Basmati 1979	Herbicide tolerance in the background of PusaBasmati 1121. Suitable for direct seeding also

20	Rice	Pusa Basmati 1985	Herbicide tolerance in the background of PusaBasmati 1509. Suitable for direct seeding also
21	Rice	Pusa Basmati 1886	Bacterial blight and blast resistance in the background of Pusa Basmati 6.
22	Rice	Pusa Basmati 1847	Bacterial blight and blast resistance in the background of Pusa Basmati 1509
23	Rice	Pusa Basmati 1885	Bacterial blight and blast resistance in the background of Pusa Basmati 1121
24	Rice	DRR Dhan 58	Resistant to bacterial blight (Xa21, xa13, xa5) and seedling stage salinity tolerance (Saltol QTL) in the background of Samba Masuri
25	Rice	DRR Dhan 59	Resistant to bacterial blight (Xa33) in the background of Akshyadhan
26	Rice	DRR Dhan 60	Resistant to bacterial blight (Xa21, xa13, xa5) and low soil phosphorus tolerance (*Pup*1) in the background of Samba Masuari
27	Maize	Pusa HQPM-1 Improved (APQH-1)	High 7.02 µg/g of provitamin, lysine (4.59%) and tryptophan (0.85%); widely adapted hybrid suitable for all zones
28	Maize	PusaBiofortified Maize Hybrid-1 (APH-1)	Rich in provitamin-A (6.6 µg/g), lysine (3.37%) and tryptophan (0.72%); hybrid suitable for northern hill and north eastern plain zone
29	Maize	Pusa HM4 Male Sterile Baby Corn	First male sterile baby corn hybrid of the country

		(Shishu) (ABSH4-1)	Saves Rs. 8,000-10,000/- per ha as no manual detasseling is required
30	Wheat	DBW 332	High yielding wheat variety with 78.3 q/ha grain yield with high protein content (12.2%) and zinc (40.6 ppm)
31	Wheat	DBW 327	High yielding wheat variety with high Zinc content (44.4 ppm) in its grains
32	Wheat	HI 1636	High yielding biofortified variety with high zinc content (44.4 ppm) and excellent chapati quality (8.24/10)
33	Wheat	HUW 838	High yielding wheat variety with high Zinc content (41.8 ppm) in its grains
34	Wheat	MP (JW) 1358	High yielding wheat variety rich in protein (12.1%) and iron (40.6 ppm)
35	Wheat	HI 8123	High yielding durum wheat variety with high zinc content (40.1 ppm) and protein content (12.1%) with good pasta acceptability (5.9)