

TABLE 11.1.16
RELEASED AND REGISTERED CROPS VARIETIES IN NEPAL, 1960-2004

S.N.	Name of Released Varieties	Year of release	Origin	Yield Potential Mt/ha	Maturity (Days)	Recommendation Domain
CEREAL CROPS						
EARLY RICE (<i>Oryza sativa</i> L.)						
1.	Hardinath-1	2004	Srilanka	5.0	110	Terai, Inner Terai
2.	Chaite-6	1991	IRRI	4.8	123	Terai, Inner Terai
3.	Chaite-4	1987	IRRI	4.5	118	Terai, Inner Terai
4.	Chaite-2	1987	IRRI	4.8	125	Terai, Inner Terai
5.	Mallika	1982	B'desh	4.0	128	Terai, Inner Terai
6.	Bindeshwori	1981	India	4.0	128	Terai, Inner Terai
7.	Laxmi	1979	IRRI	4.5	135	Terai, Inner Terai
8.	Chandina	1978	IRRI	3.8	128	Terai, Inner Terai
9.	IR-24	1975	IRRI	3.8	135	Terai, Inner Terai
10.	Parwanipur-1	1973	IRRI	4.0	135	Terai, Inner Terai
11.	CH-45	1966	IRRI	3.5	118	Terai, Inner Terai
MAIN SEASON RICE						
1.	Manjushree-2	2002		8.3	149	Kathmandu valley
2.	Khumal-11	2002		10.0	144	Kathmandu valley
3.	Chandannath-1	2002	China	6.0	191	Jumla valley and similar high hills (2300 masl.)
4.	Chandannath-3	2002	China	6.0	191	Jumla valley and similar high hills (2300 masl.)
5.	Rampur Mansuli	1999	Nepal	5.7	135	Terai, Inner Terai and Foot Hills in Central and Western Dev. Regions (up-to 900 masl.)
6.	Khumal-6	1999	Nepal	7.8	155	Kathmandu valley and similar areas
7.	Machhapuchhre-3	1996	Nepal	5.0	174	Mid to Hill Hills with cold climatic area (1300-2000 m) (Semi-irrigated land)
8.	Radha-12	1994	IRRI	4.6	155	Eastern Terai (Irrigated/unirrigated low land area)
9.	Radha-11	1994	IRRI	4.0	148	Central-Terai (Rainfed area)
10.	Radha-4	1994	IRRI	3.2	125	Mid-Western and Far-Western Terai
11.	Radha Krishna-9	1991	Nepal	3.8	150	Terai, Inner Terai (Irrigated area)
12.	Radha-7	1991	Nepal	3.5	148	Terai, Inner Terai (Rainfed, Lowland area)
13.	Chhomrong Local	1991	Nepal	4.2	164	High Hills of Eastern & Western region (1400-2000 m), Mid Hills in cold water region
14.	Khumal-9	1990	Nepal	6.7	148	Mid Hill
15.	Khumal-7	1990	Nepal	7.0	146	Mid Hill
16.	Khumal-5	1990	Nepal	6.7	154	Mid Hill
17.	Palung-2	1987	Nepal	6.1	172	High Hill
18.	Ghaiya-2	1987	India	3.4	113	Terai, Inner Terai
19.	Khajura-2	1987	India	3.8	140	Mid-Western Terai (Banke)
20.	Barkhe-2	1987	Indonesia	4.3	148	Terai, Inner Terai

S.N.	Name of Released Varieties	Year of release	Origin	Yield Potential Mt/ha	Maturity (Days)	Recommendation Domain
21.	Makwanpur-1	1987	Sri Lanka	4.8	150	Terai, Inner Terai
22.	Khumal-4	1987	Nepal	6.3	144	Mid Hill
23.	Khumal-2	1987	Nepal	5.6	142	Mid Hill
24.	Khumal-3	1984	India	6.5	130	Mid Hill
25.	Kanchan	1982	IRRI	7.6	143	Mid Hill
26.	Himali	1982	IRRI	6.4	149	Mid Hill
27.	Sabitri	1979	IRRI	4.0	140	Terai, Inner Terai
28.	Janaki	1979	Sri Lanka	4.5	135	Terai, Inner Terai
29.	Durga	1979	India	4.3	130	Terai, Inner Terai
30.	Jaya	1973	India	4.3	130	Terai
31.	Masuli	1973	Malaysia	3.5	155	Terai, Inner Terai
32.	IR-22	1972	IRRI	3.5	146	Terai
33.	IR-20	1972	IRRI	4.0	153	Terai
34.	IR-8	1968	IRRI	4.0	138	Terai
35.	Chainan-2	1967	Taiwan	7.8	143	Mid Hill
36.	Tainan-1	1967	Taiwan	6.6	144	Mid Hill
37.	Chainung-242	1967	Taiwan	7.3	144	Mid Hill & Valley
38.	Taichung-176	1967	Taiwan	7.9	144	Mid Hill & Valley

MAIZE

1.	Gaurav Hybrid Maize	2003	CIMMYT	9.0	110 (Summer) 150 (Winter)	Terai, Inner-terai and foot-hills
2.	Manakamana-3	2002		10.6	142	Mid-Hills of Eastern, Central and Western Dev. Regions
3.	Ganesh-1	1997	Nepal	5.0	175	High Hills
4.	Rampur-1	1995	Nepal	3.8	110-120	Terai, Inner Terai
5.	Arun-1	1995	Nepal	4.0	90-100	Terai, Inner Terai
6.	Rampur-2	1989	Nepal	4.0	105-110	Terai, Inner Terai
7.	Ganesh-2	1989	Nepal	3.5	150-180	Mid Hill
8.	Manakamana-1	1987	Nepal	4.0	120-130	Mid Hill
9.	Makalu-2	1984	Nepal	4.0	130-160	Lumle & Pakhribas (Mid Hill)
10.	Arun-2	1982	CIMMYT	2.2	80-90	Terai, Inner Terai
11.	Janaki Makai	1978	CIMMYT	6.5	150-160	Terai (Winter)
12.	Sarlahi Seto	1975	Philippines	4.1	110-120	Terai (Easter Region)
13.	Rampur Composite	1975	Thailand	4.4	110-115	Terai, Inner Terai
14.	Hetauda Composite	1973	Nepal	4.3	110-120	Mid Hill, Inner Terai
15.	Kakani Pahenlo	1965	India	3.0	190-200	High Hill
16.	Khumal Pahenlo	1965	India	4.9	120-130	Mid Hill
17.	Rampur Pahenlo	1965	India	4.7	100-125	Terai, Inner Terai

WHEAT

1.	Gautam	2004		5.0	110	Terai, Taar and Valley
2.	BL-1473	1999	Nepal	4.0	110	Irrigated medium to high fertility condition of whole Terai, Taar and low altitude (<1000 m)
3.	Kanti	1997	Nepal	5.5	174	All Hill areas
4.	Pasanghamu	1997	Nepal	6.7	178	Mid-Hills (Kathmandu, Jumla)
5.	Rohini	1997	Nepal	4.1	119	Terai, Taar and < 1000 m
6.	Achyut	1997	Nepal	4.5	125	Terai, Taar and < 1000 m
7.	BL-1135	1994	Nepal	5.0	115	Terai
7.	Annapurna-4	1994	CIMMYT	5.0	161	Hilly Region
8.	Bhrikuti	1994	CIMMYT	5.0	120	Terai (Early and Late sowing)
S.N.	Name of Released Varieties	Year of release	Origin	Yield Potential Mt/ha	Maturity (Days)	Recommendation Domain

Sl. No.	Varieties	release	Country	Potential (Mt/ha)	Days	Location
9.	BL 1022	1991	Nepal	5.0	120	Western Terai Narayani river
10.	Annapurna-3	1991	CIMMYT	5.5	165	Hilly areas
11.	Annapurna-2	1988	India	5.0	161	Mid Hill
12.	Annapurna-1	1988)	CIMMYT	5.5	168	Hilly areas
13.	Nepal-251	1988	India	5.0	118	Terai
14.	Nepal-297	1985	India	5.0	117	Terai (Late sowing)
15.	Bhaskar	1983	Mexico	5.0	125	Mid-Western Terai
16.	Binayak	1983	India	4.0	120	Terai (Late sowing)
17.	Sidhartha	1983	India	4.5	118	Terai
18.	Tribeni	1982	India	4.0	124	Terai
19.	Lumbini	1981	India	4.0	120	Terai
20.	UP-262	1978	India	4.0	122	Terai
21.	HD-1982	1975	India	5.0	120	Western Terai
22.	NL-30	1975	India	4.0	120	Western Terai
23.	RR-21	1970	CIMMYT	4.0	116-160	Terai, Hill
24.	S-331	1968	India	4.5	122	Mid Hill, Terai
25.	Pitic-62	1968		5.0	166	Mid Hill
26.	Lerma Rojo-64	1966	CIMMYT	5.5	168	Mid Hill
27.	Lerma-52	1960	Columbia	5.0	176	Mid Hill

BARLEY

1.	Solu Uwa	1990	Nepal	1.9	177	High Hill
2.	Ketch	1974	Australia	2.5	112	Terai, Inner Terai
3.	CI-10448	1973	USA	2.6	125	Terai, Inner Terai
4.	Galt	1973	USA	2.3	157	Terai, Inner Terai
5.	HBL-56	1973	India	3.0	135	Terai, Inner Terai
6.	Bonus	1973	Sweden	3.6	162	Kathmandu Valley

FINGER MILLET

1.	Kabre Kodo-1	1990	Nepal	2.3	167	Mid Hill (900-1900 m)
2.	Dalle-1	1980	India	3.3	125-151	Mid Hill, Inner Terai
3.	Okhle-1	1980	Nepal	3.3	154-194	Mid and High Hill

GRAIN LEGUMES

LENTIL

1.	Sital	2004	Nepal	2.0	134	Terai, Inner Terai, Mid Hill
2.	Khajura Musuro-2	1999	Nepal	2.1	134	Terai of Mid and Far-western Development Regions
3.	Khajura Musuro-1	1999	Nepal	1.5	128	Terai of Mid and Far-western Development Regions
4.	Shikhar	1990	Pakistan	3.5	143	Terai, Inner Terai, Mid Hill
5.	Simal	1990	India	4.1	143	Terai, Inner Terai, Mid Hill
6.	Shishir	1979	India	2.0	150	Terai, Inner Terai, Mid Hill
7.	Simrik	1979	India	1.5	143	Terai, Mid Hill
8.	Sindur	1979	Nepal	1.5	148	Terai, Mid Hill

S.N.	Name of Released Varieties	Year of release	Origin	Yield Potential Mt/ha	Maturity (Days)	Recommendation Domain
CHICKPEA						
1.	Kalika	1990	India	1.4	152	Terai, Inner Terai
2.	Kosheli	1990	India	1.6	154	Terai Western & Inner Terai
3.	Sita	1987	India	1.5	140	Terai
4.	Radha	1987	India	1.6	142	Terai
5.	Trishul	1979	Nepal	1.7	144	Terai
6.	Dhanush	1979	Nepal	1.8	144	Terai
SOYBEAN						
1.	Tarkari Bhatmas-1	2004	China	11 (Pods) 2.3 (Seed)	120	Mid Hill
2.	Lumle-1	1996	Nepal	1.7	138-147	Mid Hill (400-1600 m)
3.	Cobb	1990	USA	2.5	123	Terai, Inner Terai
4.	Seti	1990	Taiwan	1.2	150	Mid Hill, Valley
5.	Ransom	1987	USA	1.0	145	Mid Hill, Valley
6.	Hill	1978	USA	1.7	166	Hill
7.	Hardee	1978	USA	2.4	124	Terai, Inner Terai
PIGEONPEA						
1.	Bageshwari	1992	Nepal	2.0	261	Terai, Inner Terai (Central Development Region) Dhanusha, Sarlahi & Banke of Mid Western Region
2.	Rampur Arahar-1	1992	India	1.5	197	Terai, Inner Terai (Central Development Region) Makwanpur, Sarlahi
BLACKGRAM						
1.	Kalu	1989	India	1.2	79	Mid Hill, Valley
COWPEA						
1.	Prakash	1990	Nigeria	0.8	60	Terai, Inner Terai
2.	Akash	1990	Nigeria	1.0	73	Terai, Inner Terai
MUNGBEAN						
1.	Pusha Baishakhi	1975	India	1.5	60	Terai
OILSEED CROPS						
RAPE SEED (TORI)						
1.	Preeti	2005	Nepal	2.6	83	Terai, Inner Terai, Valley Irrigated
1.	Unati	2005	Nepal	2.2	86	Western Terai, Valley rainfed Inner Terai & Mid Hill of Eastern Region
1.	Pragati	1996	Nepal	1.0	99	Terai, Inner Terai & Mid Hill of Eastern Region
2.	Lumle Tori-1	1996	Nepal	0.9	89-153	Mid-High Hill
3.	Bikash	1989	India	1.0	85-90	Terai, Inner Terai
4.	T-9	1980	India	0.8	100	Terai, Inner Terai

S.N.	Name of Released Varieties	Year of release	Origin	Yield Potential Mt/ha	Maturity (Days)	Recommendation Domain
MUSTARD (RAYO)						
1.	Krishna	1989	India	1.1	115	Terai, Inner Terai
2.	Pusa Bold	1988	India	0.9	110-115	Terai, Inner Terai
SESAME						
1.	Nawalpur Khairo Til-1	2000	India	0.9	110-115	Terai, Inner Terai
NIGER						
1.	Nawalpur Jhuse Til-1	2000	India	0.9	110-115	Terai, Inner Terai
GROUNDNUT						
1.	Jayanti	1996		2.2	115	Terai, Inner Terai & Mid hill
2.	Jyoti	1996		2.0	137-153	Terai, Inner Terai & Mid hill
3.	Janak	1989	India	2.5	145	Terai, Inner Terai & Mid hill
4.	B-4	1980	India	1.5	140	Terai, Inner Terai & Mid hill
COMMERCIAL CROPS						
SUGARCANE						
1.	Jiptur-4	2004	India	86.0	300-360 (Early)	Terai and Inner Terai
1.	Jiptur-3	2004	India	90.0	Medium-Late	Terai and Inner Terai
1.	Jiptur-2	1996	India	92.0	300-360	Eastern, Mid & Western Terai
2.	Jitpur-1	1996	India	71.0	300-360	Eastern, Mid & Western Terai
JUTE						
1.	Itahari-1	1999		3.4	118	Jute cultivated areas of Eastern Development Region
2.	Itahari-2	1999		3.3	116	Jute cultivated areas of Eastern Development Region (Even for dry condition at sowing time)
GINGER						
1.	Kapurkot Aduwa-1	2001	Nepal	23-39	225-240	Terai, Foot Hills and Mid-Hills
COTTON						
1.	Tamcot S.P.-37	1988	America	0.9	60-70	Terai
TOBACCO						
1.	Belachapi-1	1988	Brazil	0.9	60-70	Terai
VEGETABLE CROPS						
POTATO						
1.	Khumal Seto-1	1999		38.7	110	Terai, Foot-hills, Mid and High-Hills
2.	Khumal Rato-2	1999		36.2	95	Terai and Inner Terai

S.N.	Name of Released Varieties	Year of release	Origin	Yield Potential Mt/ha	Maturity (Days)	Recommendation Domain
3.	JanakDev	1999	Nepal	39.4	110	Terai, Foot-hills, Mid and High-Hills
4.	Disiree	1992	Netherlands	18.0	90-120	High & Mid Hill, Terai
5.	Kufri Sinduri	1992	India	23.0	110-120	Mid Hill and Terai
6.	Kufri Jyoti	1992	India	23.0	110-120	High and Mid Hill
CLAULIFLOWER						
1.	Sarlahi Dipali	1994	India	8.0	55-60	Mid Hill, Terai
2.	Dolpa Snowbal	1994	Holland	15.0	110-120	High & Mid Hill, Terai
3.	Kathmandu Local	1990	Nepal	25.0	100-120	High & Mid Hill, Terai
RADDISH						
Dhankute (Regis.)						
1.		1994		42.0	55-60	Mid Hill (1100-1700m)
2.	Tokinase	1994		31.0	52-60	Mid Hill (1100-1700m)
3.	Chalis Dinae	1994	Japan	28.0	35-45	Mid Hill, Terai
4.	Pyuthane Rato	1994	Nepal	43.0	70-80	Mid Hill
5.	White Neck	1994	Japan	35.0	60-65	Mid Hill, Terai
6.	Mino Early	1990	Japan	26.0	40-50	High & Mid Hill, Terai
BROAD LEAF MUSTARD						
1.	Tangkuwa Rayo	1994	Nepal	31.0	30-36	Mid Hill (1100-1700m)
2.	Khumal Rato Pat	1994	Nepal	28.0	60-70	High & Mid Hill, Terai
3.	Khumal Chaudapat	1994	India	35.0	50-60	High & Mid Hill, Terai
4.	Marpha Chaudapat	1994	Nepal	28.0	55-65	High & Mid Hill, Terai
TURNIP						
1.	Purple Top	1994	Japan	23.0	60-70	High & Mid Hill, Terai
ONION						
1.	Red Kriole	1990		15.0	150-180	High & Mid Hill, Terai
TOMATO						
1.	Roma	1995		12-15	65-70	Mid Hill and Terai
2.	Manprekas	1995		20-40	80-90	Mid Hill and Terai
3.	NBL-1	1990		20-30	65-70	High & Mid Hill, Terai
4.	Pusa Ruby	1990	India	15.0	60	High & Mid Hill and Terai
CARROT						
1.	Nantis Forte	1990	India	12.0	90-100	High Hill
CABBAGE						
1.	Copenhagen Market	1994		35.0	70-90	Mid Hill & Terai
ASPARAGUS BEAN						
1.	Sarlahi Tanae	1994	Nepal	7.0	50-60	Mid Hill and Terai
2.	Khumal Tane	1994	Nepal	4.5	60-70	Mid Hill and Terai

S.N.	Name of Released Varieties	Year of release	Origin	Yield Potential Mt/ha	Maturity (Days)	Recommendation Domain
POLE BEAN						
1.	Trisuli Gheu Simi	1994	USA	14.0	70-75	High & Mid Hill
2.	Jhange Simi-1	1994	USA	9.0	50-55	Mid Hill & Terai
PEAS						
1.	Sarlahi Arkel	1994	India	5-7	60-65	High & Mid Hill and Terai
2.	New Line	1994	USA	6-8	85-90	Mid Hill and Terai
3.	Sikkime	1994	India	6-8	25-30	High & Mid Hill and Terai
CAPSICUM						
1.	Callifornia	1994	USA	16-20	80-90	High & Mid Hill and Terai
CHILLI						
1.	Jwala	1994	India	25-30	60-70	High & Mid Hill and Terai
BRINJAL						
1.	Nurki	1994	Nepal	15-18	60-65	High & Mid Hill and Terai
SPONGE GOURD						
1.	Kantipure	1994	Nepal	110-120	144	Mid Hill
CUCUMBER						
1.	Kushle	1994	Nepal	97	75-80	Mid Hill and Terai
SQUASH (PUMPKIN)						
1.	Ashare Squash	1994	Nepal	20-35	60-80	High & Mid Hill and Terai
SWISS CHARD						
1.	Susaag	1994	Holand	20-25	60-80	High & Mid Hill and Terai
BITTER GOURD						
1.	Green Karela	1994	India	20-25	90-100	High & Mid Hill and Terai
LADY'S FINGER						
1.	Parbati	1994	India	12-16	50-60	High & Mid Hill and Terai
SPINACH						
1.	Haripate	1994	India		40-45	High & Mid Hill and Terai

A total of 202 varieties of 43 different crops along with complete package of practices have been released since 1960. Ninety- seven varieties released after the establishment of NARC as autonomous organization