

PRODUCTION TECHNOLOGY OF CHICKPEA & LENTIL

LAND PREPARATION 1-2 ploughing & 1 deep ploughing

SOWING TIME 25th Sept. – 15th Oct.

Spacing: Row to Row = 30 cm

Plant to Plant = 15 cm

SEED RATE **Chickpea**=25-30 kg/acre

Lentil=8-10 kg/acre

FERTILIZERS **Chickpea**=11 Kg N + 36 Kg P /Acre

(1½ Bag DAP/Acre)

Lentil=11 Kg N + 36 Kg P /Acre

(1½ Bag DAP/Acre)

HARVESTING **Chickpea**= 15 - 30 April

Lentil= Up to 15 April

RECOMMENDED VARIETIES

CHICKPEA

1	Balkassar-2000	Released in 2000, high yielding, tolerant to wilt and <i>Ascochyta</i> Blight with wider adaptability
2	Wanhar-2000	Released in 2001, high yielding, tolerant to wilt and <i>Ascochyta</i> Blight with wider adaptability, tolerant to frost
3	Tamman-13	Released in 2013, dark green color plant, high yielding with yield potential of 2743 kg/ ha, drought tolerant

LENTIL

1	Chakwal Masoor	Released in 2011, high yielding, disease and drought resistant
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MAJOR INSECT/ PEST

CHICKPEA POD BORER

Control= Profenofas (800-1000ml/acre)

= Steward (175ml/acre)

AREA, PRODUCTION AND YIELD (KG/HA) OF CHICKPEA

YEAR	AREA (1000, HA)	PRODUCTION (1000) TONNES	YIELD (KG/HA)
2006-07	910.7	728.3	800
2007-08	989.0	387.5	392
2008-09	969.1	658.2	674
2009-10	966.6	488.0	505
2010-11	964.6	429.1	445
2011-12	920.7	224.7	244
2012-13	908.1	691.0	761
2013-14	886.0	409.4	462
2014-15	864.4	322.4	373
2015-16	860.4	246.4	286

AREA, PRODUCTION AND YIELD (KG/HA) OF LENTIL

YEAR	AREA (1000, HA)	PRODUCTION (1000) M TONNES	YIELD (KG/HA)
2006-07	22.48	10.92	486
2007-08	17.79	7.25	406
2008-09	16.57	6.46	390
2009-10	12.91	4.75	368
2010-11	16.45	7.70	468
2011-12	12.71	5.10	401
2012-13	12.14	5.42	446
2013-14	11.49	4.25	370
2014-15	10.68	4.15	365
2015-16	10.55	4.10	350

PRODUCTION TECHNOLOGY OF MASH

LAND PREPARATION 1-2 ploughing & 1 deep ploughing

SOWING TIME 1st. week of march----end of march.

Spacing: Row to Row = 30 cm

Plant to Plant = 15 cm

SEED RATE 8 - 10 kg/acre

FERTILIZERS 9 Kg N + 23 Kg P /Acre

(1Bag DAP/Acre)

HARVESTING Up to 1st week of Oct.

RECOMMENDED VARIETIES

1	Chakwal Mash	Released in 2000, high yielding, short duration, uniform maturity and tolerant to diseases
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AREA, PRODUCTION AND YIELD (KG/HA) OF MASH

YEAR	AREA (1000, HA)	PRODUCTION (1000) M TONNES	YIELD (KG/HA)
2006-07	29.10	13.16	452
2007-08	26.12	11.76	450
2008-09	25.67	8.68	404
2009-10	18.21	5.89	324
2010-11	18.04	6.50	361
2011-12	19.48	6.44	330
2012-13	17.86	6.05	339
2013-14	16.14	5.94	368
2014-15	16.69	5.42	325
2015-16	13.99	5.23	336