

CBA Captain[®] (tested as CICA1521) – Southern NSW

September 2021, prepared by NSW DPI

- CBA Captain[®] is a broadly adapted desi chickpea variety.
- CBA Captain[®] has a good height to lowest pod and good lodging resistance. These attributes combined provide excellent harvestability – far superior than current southern desi varieties.
- CBA Captain[®] is mid flowering and early to mid-maturing in Southern NSW growing environments.
- CBA Captain[®] has been evaluated in Southern NSW NVT testing since 2016. Please see <https://app.nvtonline.com.au> for location specific yield data.

Table 1. Long term (2016-2019) predicted yield t/ha of CBA Captain[®] and current varieties in the south-east region of NSW. No long term predicted yield t/ha is available for 2020. CBA Captain[®] (tested as CICA1521) has been present in the Southern NSW NVT since 2016.

GRDC NATIONAL VARIETY TRIALS™		Yield (t/ha)			
		2016	2017	2018	2019
Mean Yield (t/ha)		3.19	1.96	0.97	0.56
Variety	Trials	1	1	2	2
CBA Captain	6	110	103	111	112
Neelam	6	110	92	101	97
Genesis 090	6	110	104	93	81
PBA Slasher	6	101	99	100	98
PBA Striker	6	91	101	99	107
PBA Seamer	6	96	95	98	84

Source: <https://app.nvt.grdc.com.au/lty/table/chickpea-desi/nsw/se/?stacked=1>

Table 2. Long term (2016-2019) predicted yield t/ha of CBA Captain[®] and current varieties in the south-west region of NSW. CBA Captain[®] (tested as CICA1521) has been present in the Southern NSW NVT since 2016.

GRDC NATIONAL VARIETY TRIALS™		Yield (t/ha)				
		2016	2017	2018	2019	2020
Mean Yield (t/ha)		3.05	1.34	0	1.37	2.09
Variety	Trials	1	1	0	1	1
CBA Captain	4	103	105		108	105
PBA Striker	4	101	102		103	104
Neelam	4	103	94		104	104
PBA Slasher	4	102	100		103	102
Genesis 090	3	104	99		94	
PBA Seamer	4	89	94		90	94

Source: <https://app.nvt.grdc.com.au/lty/table/chickpea-desi/nsw/sw/?stacked=1>

Disease resistance

- CBA Captain[®] has an NVT pulse disease rating for Ascochyta blight of Moderately Susceptible in the southern region. This is the same disease rating as Genesis™ 090. CBA Captain[®] has a higher NVT pulse disease rating for Ascochyta blight than PBA Striker[®] Neelam[®], PBA Slasher[®] and PBA Seamer[®] which are all rated as Susceptible in the southern region
- CBA Captain[®] has an NVT pulse disease rating for Botrytis grey mould of Susceptible, the same as all other current chickpea varieties.

Grain quality

CBA Captain[®] has a medium seed size, with a yellow-brown seed coat and angular seed shape.

CBA Captain[®] would generally be similar in size to PBA Hattrick[®] and larger than PBA Slasher[®].

Seed availability

- CBA Captain[®] has an end point royalty of \$4.50/tonne (ex-GST).
- Seed of CBA Captain[®] can be ordered from



03 5383 2213

- CBA Captain[®] was developed by the PBA Chickpea program (led by NSW Department of Primary Industries). The partners of the PBA Chickpea program were: GRDC, NSW DPI, Department of Agriculture and Fisheries (QLD), Agriculture Victoria and the South Australian Research and Development Institute.