

CBA Captain[®] (tested as CICA1521) – Victoria

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 Victorian growing environments.
- CBA Captain[®] has been evaluated in Victorian NVT testing since 2017. Please see <https://app.nvtonline.com.au> for location specific yield data.

Table 1. Long term (2016-2020) predicted yield t/ha of CBA Captain[®] and current varieties in the MALLEE region of Victoria. CBA Captain[®] (tested as CICA1521) has been present in the Victorian Mallee NVT since 2017.

GRDC NATIONAL VARIETY TRIALS™		Yield (t/ha)				
		2016	2017	2018	2019	2020
Mean Yield (t/ha)		1.66	1.83	0.58	1.4	1.87
Variety	Trials	2	3	3	3	2
PBA Striker	13	106	102	101	108	105
CBA Captain	11		102	106	106	97
PBA Slasher	13	103	103	101	104	102
Neelam	13	113	99	96	101	101
Genesis 090	7	85	102	100	87	

Source: <https://app.nvtonline.com.au/ity/table/chickpea-desi/vic/mallee/>

Table 2. Long term (2016-2020) predicted yield t/ha of CBA Captain[®] and current varieties in the WIMMERA region of Victoria. CBA Captain[®] (tested as CICA1521) has been present in the Victorian Wimmera NVT, breeding Stage 3 trials since 2016.

GRDC NATIONAL VARIETY TRIALS™		2016	2017	2018	2019	2020
		Mean Yield (t/ha)	1.63	1.95	1.37	1.4
Variety	Trials	3	3	2	3	2
Neelam	13	122	106	109	101	97
CBA Captain	11	115	105	104	102	100
Genesis 090	7	118	110		96	
PBA Slasher	13	108	104	106	103	97
PBA Striker	13	85	94	99	104	106

Source: <https://app.nvt.grdc.com.au/ity/table/chickpea-desi/vic/wimmera/>

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 and PBA Royal[®]. CBA Captain[®] has a higher NVT pulse disease rating for Ascochyta blight than Neelam[®], PBA Slasher[®], PBA Striker[®] and Genesis Kalkee 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.

In the Mallee and Wimmera regions of Victoria the seed size of CBA Captain[®] would generally be similar in size to PBA Striker[®] and larger than PBA Slasher[®] and Neelam[®].

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.