



GTS-1103 / COB 214-99

Released By:	GEN-TEC SEEDS LTD.
Maturity:	Mid-full season; 95-100 days
Plant Habit:	Tall erect determinate bush with vine
Seed Color:	Black seed coat with semi-dull luster; plump; seed weight- 20.3 grams per 100 seeds
Flower Color:	Purple
Seed Quality:	Good
Resistant To:	To be confirmed
Susceptible To:	To be confirmed

Breeding History: COB 214-99 black bean variety was derived from the cross Blackjack X Vista, made in 1990. Both parents carry the "I" gene for resistance to bean common mosaic virus and the "Are" gene which confers resistance to the alpha, beta, gamma and delta races of bean anthracnose (Colletotrichum lindemuthianum). Both parents have demonstrated high yield potential and good seed quality. The final selection, Cob 214-99, was made in 2000. COB 214-99 has been entered in private Registration Trials in 2010 for the first year.

Performance:

Official registration performance data is not yet available. Preliminary replicated trials at Woodslee and Parkhill, Ontario indicated that COB 214-99 had a higher seed yield than Blackjack and Harblack and was earlier in maturity than Blackjack and Harblack. COB 214-99 appeared to be suitable for direct combining and well adapted to bean production areas in Ontario.

Note: A more detailed Variety Description will be available after Registration Trials have been completed.