

PULSES-BLACK GRAM VBN 6 MAKES A FARMER TO DOUBLING FARM INCOME

ANNUAL ZONAL
WORKSHOP OF
KVKs
2018



Dr.M.Alagar, Dr.J.Selvi and Dr.P.Kamaraj
TNJFU, KVK, Sikkal, Nagapattinam



हर कदम, हर डगर
किसानों का हमसफर
भारतीय कृषि अनुसंधान परिषद

Agrisearch with a human touch

Background

A field crop Black Gram VBN 6 makes a farmer to uplift farm income. Mr.G.Jeevanantham, S/O. Ganapathy, Nangudi, Kilvelur block, Nagapattinam Dt. was successfully cultivated Black gram VBN 6 during summer and Kharif season under irrigated conditions.

KVK conducted Cluster Front Line Demonstration on Rabi pulses using Black Gram (VBN 6) variety in his field during 2015-16 and 2016-17 and training was conducted on Integrated Crop Management technologies for pulses. He adopted best agronomic practices related to cultivation of irrigated pulses like seed treatment with Bio fertilizers, Integrated Nutrient Management and Foliar application of TNAU Pulse Wonder during flowering stage

Technologies adopted for increasing yield

- Seed treatment with Imidacloprid 5ml/kg of seed.
- Seed treatment with *Rizhobium* 250 gm and *Trichoderma viride* 4 gm/kg of seeds.
- Basal application of fertilizers; Urea 15 kg, DAP 25 kg and MOP 15 kg/acre.
- Foliar spraying of TNAU pulse wonder @5 kg/ha.
- Installation of pheromone traps @ 12 nos./ha.



Dr.Chandra Gowda, Principal Scientist, ATARI, Bengaluru visited Black gram VBN 6 field at Nangudi, 2016



Spraying of Pulse Wonder at Kokkur and Sembanarkoil 2016

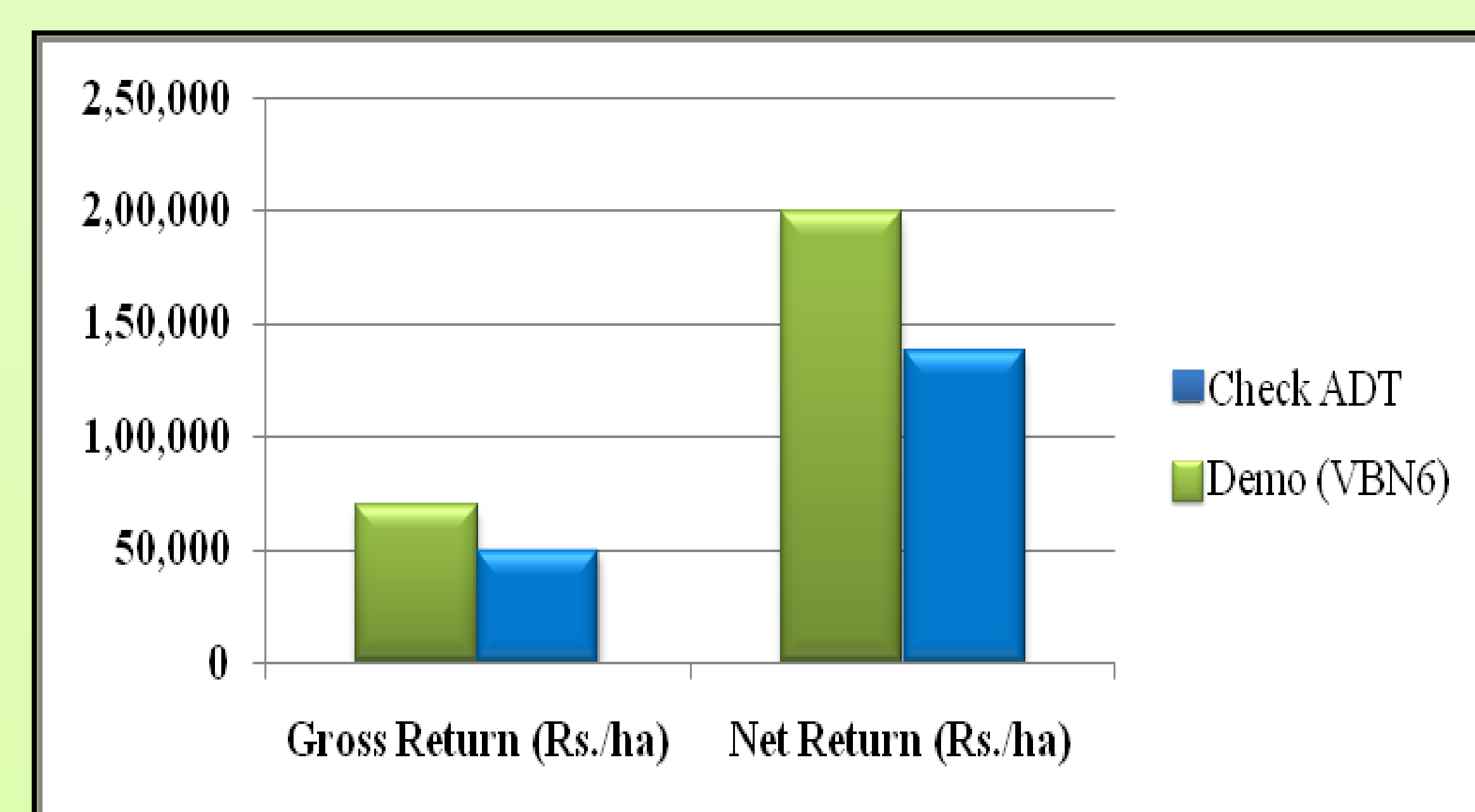
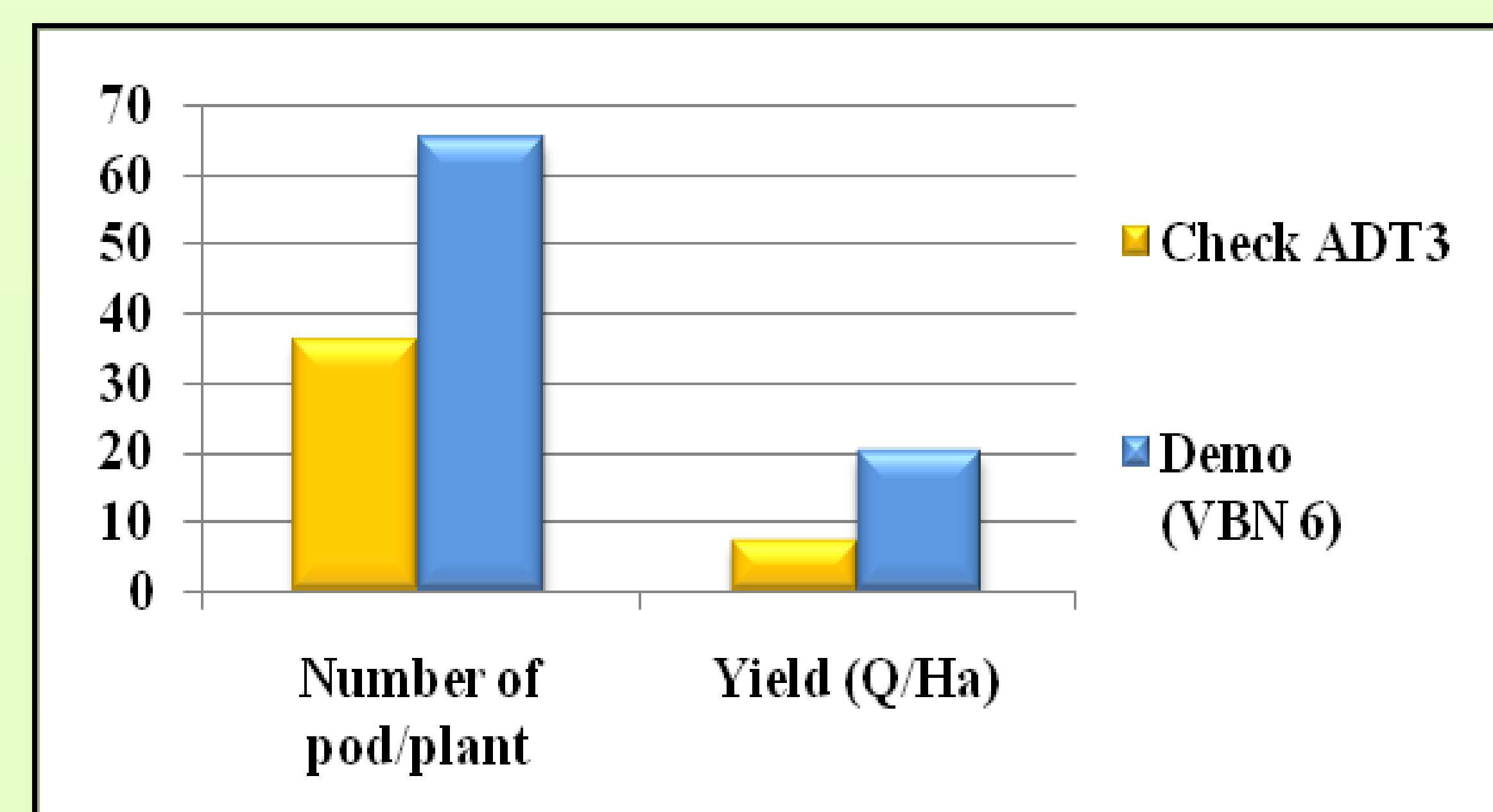


Field Day at Nangudi, Kilvelur Block-2016

Economic gains

S. No	Particulars	Check (ADT 3)	Demo (VBN 6)
1	No. of Pod/plant	36	65
2	Yield (q/ha)	7.0	20.0
3	Gross return (Rs./ha)	70,000	2,00,000
4	Net Return (Rs./ha)	50,000	1,37,500

Horizontal Spread Through the sale of VBN 6 as seeds to more than 100 farmers were benefitted and provided seed to Department of Agriculture make the income doubled. Exposure visit was arranged to visit his field and through cluster FLD on Rabi pulses to popularizing among the farmers of Nagapattinam district during 2015-16 and 2016-17. During 2017-18 demonstrated in other cluster villages. Now the variety Black Gram VBN 6 is cultivated in large scale area more than 1500 hectares over 43030 hectares of black gram area in the district. The farmer success story was published in monthly magazine 'Uzhavarin Valarum Velanmai', TNAU in November 2016.



ICAR awarded Mr.G.Jeevanantham as BEST FARMER for his achievement during KISAN MELA 2018 held on 25.08.2018 at CODISSIA trade fair complex, Coimbatore.