**ICAR-IISR/Success Stories/Series 1/2020** 

# Success Stories of Progressive Soybean Farmers from Major Soybean Growing States of India

Dr. B. U. Dupare Dr. S.D. Billore

ICAR-Indian Institute of Soybean Research, Khandwa Road, Indore-452001

## Published by

Dr. Nita Khandekar, Acting Director, ICAR-Indian Institute of Soybean Research, Indore

© ICAR-IISR, Indore (2020)

#### Compiled and edited by

Dr B.U.Dupare, Principal Scientist (Agricultural Extension) ICAR-Indian Institute of Soybean Research, Khandwa Road, Indore-452001 Email: soyextn@gmail.com

and

Dr. S.D. Billore, Principal Scientist (Agronomy) and Principal Investigator (AICRP on Soybean) ICAR-Indian Institute of Soybean Research, Khandwa Road, Indore-452001 Email: billsd47@gmail.com



**Citation**: Dupare, B.U. *and BIllore, S.D.* (2020). Success Stories of Progressive Soybean Farmers from Major Soybean Growing States of India. ICAR-IISR Indore publication. Pp: 66



भा.कृ.अनु.प.—भारतीय सोयाबीन अनुसंधान संस्थान (आई.एस.ओ. 9001:2015 प्रमाणित संस्थान) ICAR-Indian Institute of Soybean Research (ISO 9001:2015 Certified Organization) खण्डवा रोड, इन्दौर 452001 (म.प्र.) भारत



Khandwa Road, Indore 452 001 (M.P.) India

डॉ.नीता खांडेकर Dr. Nita Khandekar निदेशक (कार्यवाहक) Director (Acting) F.No. Tech 10-6/2020

Date: 11.12.2020

#### Preface

The research and development work on soybean carried out by the R&D Systems under the leadership of ICAR-Indian Institute of Soybean Research as well as different centers of All India Coordinated Research Project on Soybean located in major soybean growing states of India have been successful in occupying the premier position for soybean in the oilseed production of the country. The concerted efforts of researchers, extension officials, farmers and other stakeholders have helped achieve the target of horizontal expansion of this golden crop which has contributed in the socio-economic prosperity of millions of small and marginal farmers of central India in fallow lands and is poised to repeat the same with other states. Increasing the average national productivity of the country from 1 ton/ha to 2 ton/ha in is the major focus in the coming decade. Towards this, the compilation highlighting the success stories of farmers from major soybean growing states of India will act as a trailblazer to illustrate the potential of the crop. This definitely is going to give momentum for increasing the efforts for popularization of improved technologies among the fellow farmers.

I congratulate Dr B.U. Dupare (Principal Scientist, Agricultural Extension) and Dr S.D. Billore (Principal Scientist, Agronomy) of this institute who have carried out extensive exercise for identification, documentation and compilation of the information about the progressive soybean growers. At the same time, I also acknowledge the help, support and assistance of Coordinating Centers of AICRPS located in the states of Madhya Pradesh, Maharashtra, Rajasthan, Karnataka and Telangana. I am sure that the documentation of the cases of progressive soybean growers included in this book will inspire other farmers to learn and follow the ways and means of enhancing the productivity levels for increased profit realization.

I wish the team the very best in their future endeavors too!

Nita Khandekar



भा.कृ.अनु.प.—भारतीय सोयाबीन अनुसंधान संस्थान (आई.एस.ओ. 9001:2015 प्रमाणित संस्थान) ICAR-Indian Institute of Soybean Research (ISO 9001:2015 Certified Organization) खण्डवा रोड, इन्दौर 452001 (म.प्र.) भारत



Khandwa Road, Indore 452 001 (M.P.) India

#### Foreword

Soybean is major oilseed crop grown during the kharif season and is presently occupying premier position in the oilseed scenario of India. The crop has unprecedented history of rapid expansion in area and production for any crop in the country. Although productivity has increased but it is far below the climatic potential (2200 kg/ha) which is a matter of concern. The main reasons for low productivity are the biotic and abiotic stresses operating on various stages crop growth. With the inception of All India Coordinated Research Project on Soybean in 1967 and subsequently establishment of ICAR-IISR, Indore during 1987, the R&D efforts for development of varieties suiting to different agroclimatic zone and also for desirable traits like resistance or tolerance to biotic stresses are continuing. The ICAR-IISR through its AICRPS centers presently is implementing programmes for addressing the location specific research issues and testing of suitable genotypes/varieties and need based management strategies for improvement in yield and for insect-pest-disease management. In addition, frontline demonstrations are also conducted under real farm situations with the prime objective of reducing the yield gap II (difference between yield of improved technology and yield obtained by farmers through conventional practices). The concerted efforts carried out by soybean R & D Centers has been successful in narrowing the Yield gap II from 1050 kg/ha to 380 kg/ha during the last 30 years.

Though the average productivity of soybean in the country is stagnated to 1.1 t/ha during last decade, some progressive farmers of the country are regularly achieving the yield levels to as high as 30 *q/ha even in adverse climatic situations. The soybean growing areas particularly in Madhya Pradesh,* Maharashtra and Rajasthan at present have been experiencing the climatic adversities like drought during the crop growth stages coupled with extreme heat waves which have affected the yield levels in these states. However, in spite of these odd situations, these progressive farmers have managed to achieve significant yields through adoption of scientific technologies and package of practices which pave the way for others to learn from them. The present document is an effort to document the cases of such progressive farmers belonging to major soybean growing states i.e. Madhya Pradesh, Maharashtra, Rajasthan, Karnataka and Telangana contributing about 95% area and production of soybean in the country. The help and support received from In-charges of AICRP Centres located in the states of Madhya Pradesh, Maharashtra, Rajasthan, Karnataka and Telangana namely Dr. M.D. Vyas (Sehore), Dr. M.S. Dandge (Amravati), Dr. S.P. Mhetre (Parbhani), Dr. M.P. Deshmukh (Kasbe Digraj), Dr D. S. Meena (Kota), Dr. G.T. Basawaraja (Dharwad) and Dr Sreedhar Chauhan (Telangana) is highly We also thank Dr. A. N. Sharma (Ex Principal Scientist and In-charge-AICRP on acknowledged. Soybean for facilitating the collection of information/data of progressive farmers of different states included in this document.

Date: 11.12.2020

B.U. Dupare and S. D. Billore

Belagavi, Karnataka: Mr. Sunil Dhanpal Jainar

1

| 1  | Age                         | : | 35 yrs                   |
|----|-----------------------------|---|--------------------------|
| 2  | Education                   | : | 7 <sup>th</sup> Standard |
| 3  | Farming Experience          | : | 20 yrs                   |
| 4  | Address                     | : | Village-Amaturu,         |
| 5  | Contact details             | : | 8880189521               |
| 6  | Total Land                  | : | 3.20 ha                  |
| 7  | Area under Soybean          | : | 3.0 ha                   |
| 8  | Number of soybean varieties | : | 1                        |
|    | grown                       |   |                          |
| 9  | Name of soybean variety     |   | DSb 21                   |
| 10 | Soybean yield (kharif 2019) | : | 30 q/ha                  |
| 11 | Source of technology know-  |   | ICAR-IISR and AICRP on   |
|    | how                         |   | Soybean, UAS, Dharwad    |
| 12 | Average yield               | : | 27 q/ha                  |
| 13 | Average cost of cultivation | : | Rs. 24,000/ha            |
| 14 | Market rates of soybean     | : | Rs 4,080/q               |
| 15 | Net Profit                  |   | Rs. 98,400/ha            |
|    |                             |   |                          |



- Seed treatment with recommended fungicides
- Balanced nutrition with recommended N,P,K and Zinc
- Seed rate (62.50 kg/ha) with a spacing of 30cm X 10cm
- Intercropping with pigeonpea (4:2)
- Two sprays: (1) Chlorantraniliprole (100 ml/ha) (2) Flubendiamide (250 ml/ha) using water @ 500 l/ha
- ◆ Use of biopesticide (Neemzal @ 1.5 l/ha using water @ 500 l/ha.
- One manual weeding at 20 DAS (days after sowing)
- Two inter-culture operations (hoeing at 30 & 40 DAS)
- Application of irrigation in case of dry spell

Belagavi, Karnataka: Mr. Ravi Patted

2

| 1  | Age                         | : | 29 yrs                 |
|----|-----------------------------|---|------------------------|
| 2  | Education                   | : | LLB                    |
| 3  | Farming Experience          | : | 10 yrs                 |
| 4  | Address                     | : | Village-Neginal        |
| 5  | Contact details             | : | 9902273538             |
| 6  | Total Land                  | : | 2.80 ha                |
| 7  | Area under Soybean          | : | 2.80 ha                |
| 8  | Number of soybean varieties | : | 1                      |
|    | grown                       |   |                        |
| 9  | Name of soybean variety     |   | DSb 21                 |
| 10 | Soybean yield (kharif 2019) | : | 27 q/ha                |
| 11 | Source of technology know-  |   | ICAR-IISR and AICRP on |
|    | how                         |   | Soybean, UAS, Dharwad  |
| 12 | Average yield               | : | 25 q/ha                |
| 13 | Average cost of cultivation | : | Rs. 23,500/ha          |
| 14 | Market rates of soybean     | : | Rs 4,080/q             |
| 15 | Net Profit                  |   | Rs. 86,660/ha          |



- Use of FYM (2.5 t/ha) and application of micronutrients (ZnSO<sub>4</sub> @ 12.5 kg/ha)
- Seed treatment with biofungicide (Beejamrutha @ 2.5 ml/kg seed)
- Seed inoculation with Bradyrhizobium japonicum and PSB culture @ 20 g/kg seed
- Seed rate (62.50 kg/ha) with spacing of 30cm X 10cm
- Intercropping with Sugarcane
- Two sprays : (1) Chlorantraniliprole (100 ml/ha) (2) Spinosad (100 ml/ha) using water @ 500 l/ha
- ◆ Use of biopesticide (Neemzal @ 11/ha using water @ 500 I/ha
- ✤ Two manual weeding at 20 and 35 DAS
- Spraying of 2% urea during 50% flowering
- Spraying of *Jeevamrutha* during 30 & 50 DAS

Haveri, Karnataka: Mr. Shivaputrappa Kolavar

3

| 1  | Age                                 | : | 82 yrs                   |
|----|-------------------------------------|---|--------------------------|
| 2  | Education                           | : | 7 <sup>th</sup> Standard |
| 3  | Farming Experience                  | : | 62 yrs                   |
| 4  | Address                             | : | Village-Gudda Channapura |
| 5  | Contact details                     | : | 9538317737               |
| 6  | Total Land                          | : | 5.92 ha                  |
| 7  | Area under Soybean                  | : | 3.20 ha                  |
| 8  | Number of soybean varieties         | : | 1                        |
|    | grown                               |   |                          |
| 9  | Name of soybean variety             |   | DSb 21                   |
| 10 | Soybean yield ( <i>kharif</i> 2019) | : | 27 q/ha                  |
| 11 | Source of technology know-          |   | ICAR-IISR and AICRP on   |
|    | how                                 |   | Soybean, UAS, Dharwad    |
| 12 | Average yield                       | : | 26 q/ha                  |
| 13 | Average cost of cultivation         | : | Rs. 26,000/ha            |
| 14 | Market rates of soybean             | • | Rs 4,080/q               |
| 15 | Net Profit                          |   | Rs. 84,160/ha            |



- Use of vermicompost (2.5 t/ha) and application of nutrition through Urea, DAP, MOP and use of micronutrients @ 10 kg/ha
- Seed treatment with recommended fungicide Carboxin+Thiram @ 2 g/kg seed
- Seed inoculation with Bradyrhizobium japonicum and PSB culture @ 20 g/kg seed
- Seed rate (62.50 kg/ha) with spacing of 30cm X 10cm
- ✤ Two sprays: (1) Chlorantraniliprole (100 ml/ha) (2) Spinosad (100 ml/ha) using water @ 500 l/ha
- ◆ Use of biopesticide (Nomuraea rileyi @ 2.5kg/ha using water @ 500 l/ha)
- Two manual weeding at 20 and 30 DAS
- Two interculture operations (hoeing at 35 & 45 DAS)
- Spraying of 2% urea during 50% flowering
- Foliar application of Jeevamrutha at 50% flowering

| 1  | Age                          | : | 59 yrs                 |
|----|------------------------------|---|------------------------|
| 2  | Education                    | : | BA                     |
| 3  | Farming Experience           | : | 30 yrs                 |
| 4  | Address                      | : | Village-Neeralagi      |
| 5  | Contact details              | : | 8762534590             |
| 6  | Total Land                   | : | 8.00 ha                |
| 7  | Area under Soybean           | : | 4.00 ha                |
| 8  | Number of soybean varieties  |   | 1                      |
|    | grown                        |   |                        |
| 9  | Name of soybean variety      |   | DSb 21                 |
| 10 | Soybean yield ( kharif 2019) | : | 26 q/ha                |
| 11 | Source of technology know-   |   | ICAR-IISR and AICRP on |
|    | how                          |   | Soybean, UAS, Dharwad  |
| 12 | Average yield                | : | 26 q/ha                |
| 13 | Average cost of cultivation  | : | Rs. 26,000/ha          |
| 14 | Market rates of soybean      | • | Rs 4,080/q             |
| 15 | Net Profit                   |   | Rs. 80,080/ha          |



- Use of vermicompost (2.0 t/ha) and application of nutrition through Urea, DAP, MOP and use of micronutrients @ 10 kg/ha
- Seed treatment with recommended fungicide Carboxin+Thiram @ 2 g/kg seed
- Seed inoculation with Bradyrhizobium japonicum and PSB culture @ 2 0g/kg
- Seed rate (62.50 kg/ha) with spacing of 30cm X 10cm
- ✤ Two sprays: (1) Chlorantraniliprole (100 ml/ha) (2) Spinosad (100 ml/ha) using water @ 500 l/ha
- ✤ Use of biopesticide (Nomuraea rileyi @ 2.5kg/ha using water @ 500 I/ha
- Two manual weeding at 20 and 30 DAS
- Two interculture operations (hoeing at 40 & 50 DAS)
- Spraying of 2% urea during 50% flowering
- Foliar application of Jeevamrutha at 50% flowering

# Haveri, Karnataka: Mr. Shekarappa Y. Huliamani

5

| 1  | Age                         | : | 55 yrs                 |
|----|-----------------------------|---|------------------------|
| 2  | Education                   | : | SSC                    |
| 3  | Farming Experience          | : | 30 yrs                 |
| 4  | Address                     | : | Village-Narayanpura    |
| 5  | Contact details             | : | 9448638156             |
| 6  | Total Land                  | : | 4.80 ha                |
| 7  | Area under Soybean          | : | 4.80 ha                |
| 8  | Number of soybean varieties | : | 1                      |
|    | grown                       |   |                        |
| 9  | Name of soybean variety     | : | DSb 21                 |
| 10 | Soybean yield (kharif 2019) | : | 26 q/ha                |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on |
|    | how                         |   | Soybean, UAS, Dharwad  |
| 12 | Average yield               | : | 25 q/ha                |
| 13 | Average cost of cultivation | : | Rs. 24,000/ha          |
| 14 | Market rates of soybean     | : | Rs 4,060/q             |
| 15 | Net Profit                  |   | Rs. 81,560/ha          |



- ◆ Use of FYM (2.0 t/ha) and application of nutrition through Urea, DAP, MOP
- Seed inoculation with *Bradyrhizobium japonicum* and PSB culture @ 20 g/kg seed.
- ✤ Seed rate (62.50 kg/ha) with spacing of 30cm X 10cm
- ✤ Only one spray of insecticides ie. Lambda Cyhalothrin (250 ml/ha) using water @ 500 l/ha
- ✤ One manual weeding at 15 DAS
- Two interculture operations (hoeing at 20 & 30 DAS)

| Age                         | :   | 51 yrs   |
|-----------------------------|---|--|
| Education                   | :   | HSSC   |
| Farming Experience          | :   | 15 yrs   |
| Address                     | :   | Village-Anigol   |
| Contact details             | :   | 9448036738   |
| Total Land                  | :   | 10.80 ha   |
| Area under Soybean          | :   | 10.0 ha  |
| Number of soybean varieties | :   | 1  |
| grown                       |   |  |
| Name of soybean variety     | :   | JS 335   |
| Soybean yield (kharif 2018) | :   | 27 q/ha  |
| Source of technology know-  | :   | ICAR-IISR and AICRP on   |
| how                         |   | Soybean, UAS, Dharwad  |
| Average yield               | :   | 24 q/ha  |
| Average cost of cultivation | :   | Rs. 23,000/ha  |
| Market rates of soybean     | :   | Rs 4,080/q   |
| Net Profit                  |   | Rs. 87,160/ha  |
|                             | Education<br>Farming Experience<br>Address<br>Contact details<br>Total Land<br>Area under Soybean<br>Number of soybean varieties<br>grown<br>Name of soybean variety<br>Soybean yield ( <i>kharif</i> 2018)<br>Source of technology know-<br>how<br>Average yield<br>Average cost of cultivation<br>Market rates of soybean | Education:Education:Farming Experience:Address:Contact details:Total Land:Area under Soybean:Area under Soybean varieties:grown:Name of soybean variety:Soybean yield (kharif 2018):Source of technology know-<br>how:Average yield:Average cost of cultivation:Market rates of soybean: |



- Seed replacement every year
- ◆ Use of FYM @ 2.5 t/ha and application of nutrition through Urea, DAP and MOP
- Seed treatment with Carboxin @ 2 g/ha and inoculation with Bradyrhizobium japonicum and PSB culture @ 20 g/kg
- Seed rate (75 kg/ha) with spacing of 30cm X 10cm
- Three sprays : (1) Lambda Cyhalothrin (250 ml/ha) (2) Chlorantraniliprole (100 ml/ha) and (3) Hexaconazol (500 ml/ha) using water @ 500 l/ha
- ✤ Use of PPI herbicide Alachlor @ 4 l/ha
- One manual weeding at 15 DAS
- Two interculture operations (hoeing at 20 & 30 DAS)

| Belagavi, Karnataka: Mr. | Patrappaa C. Hittalimani |
|--------------------------|--------------------------|
|--------------------------|--------------------------|

| 1  | Name of the farmer   | :   | Mr. Patrappaa C. Hitttalimani  |
|----|--|---|--|
| 2  | Age  | :   | 42 yrs   |
| 3  | Education  | :   | HSSC   |
| 4  | Farming Experience   | :   | 23 yrs   |
| 5  | Address  | :   | Village-Marihala   |
| 6  | Contact details  | :   | 9980001968   |
| 7  | Total Land   | :   | 2 ha   |
| 8  | Area under Soybean   | :   | 2 ha   |
| 9  | Number of soybean varieties  | :   | 1  |
|    | grown  |   |  |
| 10 | Name of soybean variety  | :   | DSb 21   |
| 11 | Soybean yield (kharif 2018)  | :   | 27 q/ha  |
| 12 | Source of technology know-   | :   | ICAR-IISR and AICRP on   |
|    | how  |   | Soybean, UAS, Dharwad  |
| 13 | Average yield  | :   | 26 q/ha  |
| 14 | Average cost of cultivation  | :   | Rs. 26,000/ha  |
| 15 | Market rates of soybean  | :   | Rs 4,080/q   |
| 16 | Net Profit   |   | Rs. 84,160/ha  |
|    | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15 | <ul> <li>2 Age</li> <li>3 Education</li> <li>4 Farming Experience</li> <li>5 Address</li> <li>6 Contact details</li> <li>7 Total Land</li> <li>8 Area under Soybean</li> <li>9 Number of soybean varieties grown</li> <li>10 Name of soybean variety</li> <li>11 Soybean yield (<i>kharif</i> 2018)</li> <li>12 Source of technology knowhow</li> <li>13 Average yield</li> <li>14 Average cost of cultivation</li> <li>15 Market rates of soybean</li> </ul> | 2Age:3Education:4Farming Experience:5Address:6Contact details:7Total Land:8Area under Soybean:9Number of soybean varieties<br>grown:10Name of soybean variety:11Soybean yield ( <i>kharif</i> 2018):12Source of technology know-<br>how:13Average yield:14Average cost of cultivation:15Market rates of soybean: |



- Application of FYM @ 2 t/ha and application of nutrition through Urea and DAP and Zinc Sulphate @ 10 kg/ha
- Seed treatment with Carboxin @ 2 g/ha and inoculation with *Bradyrhizobium japonicum* and PSB culture @ 20 g/kg
- Seed rate (62.5 kg/ha) at 45cm X 10cm spacing with BBF method
- Three sprays (1) Lambda Cyhalothrin (250 ml/ha) (2) Spinosad (100 ml/ha) and (3) biopesticide Nomuraea rileyi @ 2.5 kg/ha using water @ 500 l/ha
- ✤ Use of PPI herbicide Alachlor @ 4 I/ha
- Two manual weeding at 20 and 40 DAS
- One interculture operations (hoeing 35 DAS)



| 1  | Age                                 | : | 42 yrs                 |
|----|-------------------------------------|---|------------------------|
| 2  | Education                           | : | HSSC                   |
| 3  | Farming Experience                  | : | 17 yrs                 |
| 4  | Address                             | : | Village-Bevinakoppa    |
| 5  | Contact details                     | : | 9686924321             |
| 6  | Total Land                          | : | 1.60 ha                |
| 7  | Area under Soybean                  | : | 1.60 ha                |
| 8  | Number of soybean varieties         | : | 1                      |
|    | grown                               |   |                        |
| 9  | Name of soybean variety             | : | DSb 21                 |
| 10 | Soybean yield ( <i>kharif</i> 2018) | : | 27 q/ha                |
| 11 | Source of technology know-          | : | ICAR-IISR and AICRP on |
|    | how                                 |   | Soybean, UAS, Dharwad  |
| 12 | Average yield                       | : | 28 q/ha                |
| 13 | Average cost of cultivation         | : | Rs. 25,000/ha          |
| 14 | Market rates of soybean             | : | Rs 4,080/q             |
| 15 | Net Profit                          |   | Rs. 85,160/ha          |



- Use of FYM @ 2.5 t/ha and application of nutrition through Urea, DAP, MOP and Zinc Sulphate (10 kg/ha)
- Seed treatment with Carboxin @ 2 g/ha and inoculation with *Bradyrhizobium japonicum* and PSB culture @ 20 g/kg
- Seed rate (62.5 kg/ha) with spacing of 45cm X 10cm
- Three sprays (1) Emamectin Benzoate (100 g/ha) (2) Chlorantraniliprole (100 ml/ha) and (3) biopesticide Nomuraea rileyi @ 2.5 kg/ha using water @ 500 l/ha
- ✤ Use of PPI herbicide Alachlor @ 4 I/ha
- Two manual weeding at 30 and 40 DAS
- One interculture operations (hoeing 25 DAS)

# Haveri, Karnataka: Mr. Umesh Chigari

9

| 1  | Age                         | : | 42 yrs                        |
|----|-----------------------------|---|-------------------------------|
| 2  | Education                   | : | SSLC                          |
| 3  | Farming Experience          | : | 15 yrs                        |
| 4  | Address                     | : | Village-Sadashivpet, Shiggaon |
| 5  | Contact details             | : | 9008596388                    |
| 6  | Total Land                  | : | 4.00 ha                       |
| 7  | Area under Soybean          | : | 3.20 ha                       |
| 8  | Number of soybean varieties | : | 1                             |
|    | grown                       |   |                               |
| 9  | Name of soybean variety     | : | DSb 21                        |
| 10 | Soybean yield (kharif 2020) | : | 32 q/ha                       |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on        |
|    | how                         |   | Soybean, UAS, Dharwad         |
| 12 | Average yield               | : | 27.5 q/ha                     |
| 13 | Average cost of cultivation | : | Rs. 27,000/ha                 |
| 14 | Market rates of soybean     | : | Rs 4,080/q                    |
| 15 | Net Profit                  |   | Rs. 83,160/ha                 |



- Use of FYM @ 1.5 t/ha and application of nutrition through Urea, DAP, MOP and Zinc Sulphate (10 kg/ha)
- Seed treatment with Carboxin @ 2 g/ha and inoculation with *Bradyrhizobium japonicum* and PSB culture @ 20 g/kg seed
- Seed rate (62.5 kg/ha) with spacing of 30cm X 10cm
- Three sprays (1) Chlorantraniliprole (100 ml/ha) (2) Spinosad (100 g/ha), and (3) biopesticide Nomuraea rileyi @ 2.5 kg/ha using water @ 500 l/ha
- ➤ Two manual weeding at 30 and 40 DAS
- > One interculture operations (hoeing 35 DAS)

## Belagavi, Karnataka: Mr. Ulavappa G. Patil

10

|   | 1  | Age                          | : | 39 yrs                 |
|---|----|------------------------------|---|------------------------|
|   | 2  | Education                    | : | HSSC                   |
|   | 3  | Farming Experience           | : | 14 yrs                 |
|   | 4  | Address                      | : | Village-Murkibavi      |
|   | 5  | Contact details              | : | 7353717136             |
|   | 6  | Total Land                   | : | 2.0 ha                 |
|   | 7  | Area under Soybean           | : | 1.0 ha                 |
|   | 8  | Number of soybean varieties  | : | 1                      |
|   |    | grown                        |   |                        |
|   | 9  | Name of soybean variety      | : | JS 335                 |
|   | 10 | Soybean yield ( kharif 2018) | : | 26 q/ha                |
|   | 11 | Source of technology know-   | : | ICAR-IISR and AICRP on |
|   |    | how                          |   | Soybean, UAS, Dharwad  |
|   | 12 | Average yield                | : | 25 q/ha                |
|   | 13 | Average cost of cultivation  | : | Rs. 21,000/ha          |
|   | 14 | Market rates of soybean      | : | Rs 4,080/q             |
| Ī | 15 | Net Profit                   |   | Rs. 85,080/ha          |



- ◆ Use of FYM @ 3 t/ha and application of nutrition through Urea, DAP, MOP
- Seed treatment with Carboxin @ 2 g/kg seed and inoculation with Bradyrhizobium japonicum and PSB culture @ 20 g/kg seed
- Seed rate: 75 kg/ha with spacing of 30cm X 10cm
- Three sprays (1) Chlorantraniliprole (100 ml/ha) (2) Propiconazol (250 ml/ha), and (3) biopesticide Neemazol @ 1.5 kg/ha using water @ 500 l/ha
- One manual weeding at 30 DAS
- Two interculture operations (hoeing 25 and 35 DAS)

## Adilabad, Telangana: Mr. Dera Laxman Reddy

11

| 1  | Age                                 | : | 52 yrs                    |
|----|-------------------------------------|---|---------------------------|
| 2  | Education                           | : | 12 <sup>th</sup> Standard |
| 3  | Farming Experience                  | : | 30 yrs                    |
| 4  | Address                             | : | Village - Boregaon        |
| 5  | Contact details                     | : | 8985742912                |
| 6  | Total Land                          | : | 3.5 ha                    |
| 7  | Area under Soybean                  | : | 2 ha                      |
| 8  | Number of soybean varieties         | : | 2                         |
|    | grown                               |   |                           |
| 9  | Name of soybean variety             | : | JS 335                    |
| 10 | Soybean yield ( <i>kharif</i> 2019) | : | 27.5 q/ha                 |
| 11 | Source of technology know-          | : | ICAR-IISR and AICRP on    |
|    | how                                 |   | Soybean, Adilabad         |
| 12 | Average yield                       | : | 30 q/ha                   |
| 13 | Average cost of cultivation         | : | Rs. 43,000/ha             |
| 14 | Market rates of soybean             | : | Rs 3,710/q                |
| 15 | Net Profit                          |   | Rs. 59,025/ha             |



- Use of FYM (2.5 t/ha), application of nutrition through Urea and MOP
- Use of micronutrient Agronomin max @ 2.5 kg/ha along with Foliar application of NPK mix @ 5kg/ha
- Seed treatment with recommended fungicide
- Seed rate (70 kg/ha) with spacing of 45cm X 5cm
- Intercropping with pigeonpea (7:1)
- ✤ Use of PE herbicide Pendimethalin @ 3 I/ha using water @ 500 I/ha
- ✤ Use of POE herbicide Imazethapyr 35 + Imazomox 35% @ 100g/ha using water @ 500 I/ha
- Three sprays (1) Chloropyriphos (1.25 l/ha), (2) Neem oil 1500 ppm (2.5 l/ha) and (3) Chlorantraniliprole (150 ml/ha) using water @ 500 l/ha
- One manual weeding at 20 DAS
- Two interculture operations (hoeing at 15 & 30 DAS)
- Spraying of 2% urea during 50% flowering
- Application of irrigation in case of dry spell

## Adilabad, Telangana: Mr. Yella Venkat Reddy

12

| 1  | Age                                 | : | 35 yrs                 |
|----|-------------------------------------|---|------------------------|
| 2  | Education                           | : | SSC                    |
| 3  | Farming Experience                  | : | 10 yrs                 |
| 4  | Address                             | : | Village - Boregaon     |
| 5  | Contact details                     | : | 6300437989             |
| 6  | Total Land                          | : | 4.8 ha                 |
| 7  | Area under Soybean                  | : | 3.0 ha                 |
| 8  | Number of soybean varieties         | : | 2                      |
|    | grown                               |   |                        |
| 9  | Name of soybean variety             | : | JS 335                 |
| 10 | Soybean yield ( <i>kharif</i> 2019) | : | 27.5 q/ha              |
| 11 | Source of technology know-          | : | ICAR-IISR and AICRP on |
|    | how                                 |   | Soybean, Adilabad      |
| 12 | Average yield                       | : | 28.75 q/ha             |
| 13 | Average cost of cultivation         | : | Rs. 42,500/ha          |
| 14 | Market rates of soybean             | : | Rs 3,710/q             |
| 15 | Net Profit                          |   | Rs. 59,525/ha          |



- Use of FYM (2.5 t/ha) and application of nutrition through Urea and MOP and use of micronutrient Agronomin max @ 4 kg/ha
- Seed treatment with recommended fungicide
- Foliar application of NPK mix @ 3.5 kg/ha
- Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- ✤ Use of PE herbicide Pendimethalin @ 3I/ha using water @ 500 I/ha
- ✤ Use of POE herbicide Imazethapyr 35 + Imazomox 35% @ 100g/ha using water @ 500 I/ha
- Three sprays (1) Chloropyriphos (1.25 l/ha), (2) Beta cyfluthrin 8.49 + Imidachloprid @ 625 ml/ha and (3) Chlorantraniliprole (150 ml/ha) using water @ 350 l/ha
- One manual weeding at 20 DAS
- Two interculture operations (hoeing at 15 & 40 DAS)
- Application of irrigation in case of dry spell

| Γ | 1  | Age                         | : | 52 yrs                 |
|---|----|-----------------------------|---|------------------------|
| Ī | 2  | Education                   | : | Graduate               |
|   | 3  | Farming Experience          | : | 30 yrs                 |
|   | 4  | Address                     | : | Village-Boregaon       |
| ſ | 5  | Contact details             | : | 8500664466             |
|   | 6  | Total Land                  | : | 5 .0 ha                |
| ſ | 7  | Area under Soybean          | : | 2.5 ha                 |
| ſ | 8  | Number of soybean varieties | : | 2                      |
|   |    | grown                       |   |                        |
|   | 9  | Name of soybean variety     | : | JS 335                 |
|   | 10 | Soybean yield (kharif 2019) | : | 28.5 q/ha              |
|   | 11 | Source of technology know-  | : | ICAR-IISR and AICRP on |
|   |    | how                         |   | Soybean, Adilabad      |
|   | 12 | Average yield               | : | 28.5 q/ha              |
|   | 13 | Average cost of cultivation | : | Rs. 42,000/ha          |
|   | 14 | Market rates of soybean     | : | Rs 3,700/q             |
|   | 15 | Net Profit                  |   | Rs. 63,735/ha          |



## Package of practices/innovative approaches followed

- Use of FYM (5 t/ha) and application of nutrition through Urea, SSP and MOP and use of micronutrient Agronomin max @ 4 kg/ha)
- Seed treatment with recommended fungicide Thiophenate methyl 70% WP @ 2g/kg seed
- Seed rate (75 kg/ha) with spacing of 45cm X 5cm
- Intercropping with pigeonpea (7:1)
- ◆ Use of PE herbicide Pendimethalin @ 3I/ha using using water @ 350 I/ha

 Four sprays (1) Chloropyriphos (1.5 l/ha), (2) Chlorantraniliprole (150 ml/ha) (3) Novaluron + Emamectin Benzoate @ 1.5 l/ha (4) Carbendazim + Mencozeb @ 750 g/ha and using water @ 500 l/ha

- Two manual weeding at 20 and 40 DAS
- Two interculture operations at 15 & 35 DAS
- Crop rotation

## Adilabad, Telangana: Mr. Kendre Venkat Rao

14

| 1  | Age                         | : | 53 yrs                  |
|----|-----------------------------|---|-------------------------|
| 2  | Education                   | : | SSC                     |
| 3  | Farming Experience          | : | 15 yrs                  |
| 4  | Address                     | : | Village-Mannur          |
| 5  | Contact details             | : | 9441158369              |
| 6  | Total Land                  | : | 2.0 ha                  |
| 7  | Area under Soybean          | : | 1.0 ha                  |
| 8  | Number of soybean varieties | : | 3                       |
|    | grown                       |   |                         |
| 9  | Name of soybean variety     | : | JS 335, JS 93-05, Basar |
| 10 | Soybean yield (kharif 2019) | : | 27.5 q/ha (JS 335)      |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on  |
|    | how                         |   | Soybean, Adilabad       |
| 12 | Average yield               | : | 27.5 q/ha               |
| 13 | Average cost of cultivation | : | Rs. 41,500/ha           |
| 14 | Market rates of soybean     | : | Rs 3,710/q              |
| 15 | Net Profit                  |   | Rs. 60,525/ha           |



- Use of FYM (2.5 t/ha) and application of nutrition through Urea and MOP and use of micronutrient Agronomin max @ 4 kg/ha
- Seed treatment with recommended fungicide
- Foliar application of NPK mix @ 3.5 kg/ha
- Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- ✤ Use of PE herbicide Pendimethalin @ 3 I/ha using water @ 500 I/ha
- Use of POE herbicide Imazethapyr 35+ Imazomox 35% @ 100g/ha using water @ 500 I/ha
- Three sprays (1) Chloropyriphos (1.25 l/ha), (2) Beta-cyfluthrin 8.49+Imidachloprid @ 625 ml/ha and (3) Chlorantraniliprole (150 ml/ha) using water @ 350 l/ha
- One manual weeding at 20 DAS
- Two interculture operations at 15 & 40 DAS
- Application of irrigation in case of dry spell

# Adilabad, Telangana: Mr. Goppidi Rameshwar Reddy

15

| Age                                 | :   | 52 yrs   |
|-------------------------------------|---|--|
| Education                           | :   | Intermediate   |
| Farming Experience                  | :   | 25 yrs   |
| Address                             | :   | Village-Kouta (B)  |
| Contact details                     | :   | 9440312050   |
| Total Land                          | :   | 3.2 ha   |
| Area under Soybean                  | :   | 2.0 ha   |
| Number of soybean varieties         | :   | 2  |
| grown                               |   |  |
| Name of soybean variety             | :   | JS 335, Basara   |
| Soybean yield ( <i>kharif</i> 2019) | :   | 25.5 q/ha (JS 335)   |
| Source of technology know-          | :   | ICAR-IISR and AICRP on   |
| how                                 |   | Soybean, Adilabad  |
| Average yield                       | :   | 25.5 q/ha  |
| Average cost of cultivation         | :   | Rs. 42,000/ha  |
| Market rates of soybean             | :   | Rs 3,710/q   |
| Net Profit                          |   | Rs. 52,605/ha  |
|                                     | Education<br>Farming Experience<br>Address<br>Contact details<br>Total Land<br>Area under Soybean<br>Number of soybean varieties<br>grown<br>Name of soybean variety<br>Soybean yield ( <i>kharif</i> 2019)<br>Source of technology know-<br>how<br>Average yield<br>Average cost of cultivation<br>Market rates of soybean | Education:Education:Farming Experience:Address:Contact details:Total Land:Area under Soybean:Area under Soybean varieties<br>grown:Number of soybean varieties<br>grown:Name of soybean variety:Soybean yield (kharif 2019):Source of technology know-<br>how:Average yield:Average cost of cultivation:Market rates of soybean: |



- Use of FYM (2.5 t/ha) application of nutrition through Urea and SSP and use of micronutrient Agronomin max @ 2.5 kg/ha)
- Seed treatment with recommended fungicide
- Foliar application of NPK mix @ 4 kg/ha
- Seed rate (60 kg/ha) with spacing of 45cm X 5cm
- ✤ Use of PE herbicide Pendimethalin @ 2 I/ha) using water @ 500 I/ha
- ✤ Use of POE herbicide Imazethapyr 35+ Imazomox 35% @ 100 g/ha using water @ 500 I/ha
- Three sprays (1) Chloropyriphos 50% EC+ Dichlorovos 76% EC (1.25 l/ha+ 250 ml/ha),
   (2) Chlorantraniliprole (150 ml/ha) (3) Triazophos 40% EC @ 1 l/ha using water @ 350 l/ha
- One manual weeding at 20 DAS
- Two interculture operations at 15 & 35 DAS
- Application of irrigation in case of dry spell

# Adilabad, Telangana: Mr. Sarsan Amarendar Reddy

**16** 

| 1  | Age                         | : | 40 yrs                     |
|----|-----------------------------|---|----------------------------|
| 2  | Education                   | : | Intermediate               |
| 3  | Farming Experience          | : | 25 yrs                     |
| 4  | Address                     | : | Village-Jamidi             |
| 5  | Contact details             | - | 6302626335                 |
| 6  | Total Land                  | - | 6.0 ha                     |
| 7  | Area under Soybean          | : | 3.0 ha                     |
| 8  | Number of soybean varieties | : | 3                          |
|    | grown                       |   |                            |
| 9  | Name of soybean variety     | : | JS 335, Vikranth, Karishma |
| 10 | Soybean yield (kharif 2019) |   | 30 q/ha (JS 335)           |
| 11 | Source of technology know-  | - | ICAR-IISR and AICRP on     |
|    | how                         |   | Soybean, Adilabad          |
| 12 | Average yield               | : | 30 q/ha                    |
| 13 | Average cost of cultivation | : | Rs. 44,000/ha              |
| 14 | Market rates of soybean     | : | Rs 3,710/q                 |
| 15 | Net Profit                  |   | Rs. 67,300/ha              |
|    |                             |   |                            |



- Use of FYM (4 t/ha) and application of nutrition through Urea, MOP, DAP and use of micronutrient Agronomin max @ 2.5 kg/ha)
- Seed treatment with fungicide (Carbendazim12% + Mancozeb 63% WP)
- ✤ Foliar application of NPK mix @ 5 kg/ha
- Seed rate (70 kg/ha) with spacing of 45cm X 5cm
- ✤ Use of PE herbicide Pendimethalin @ 2 I/ha) using water @ 500 I/ha
- ✤ Use of POE herbicide Imazethapyr @ 625 ml/ha using water @ 500 l/ha
- Three sprays (1) Chloropyriphos + Dichlorovos (1.50 l/ha+ 300 ml/ha), (2) Chlorantraniliprole (150 ml/ha) (3) Emamectin Benzoate 5% SG @ 250 g/ha using water @ 500 l/ha
- One manual weeding at 20 DAS
- Two interculture operations at 15 & 35 DAS
- Application of irrigation in case of dry spell

## Adilabad, Telangana: Mr. Katipeely Rakesh Reddy

| 1  | Age                         | : | 34 yrs                 |
|----|-----------------------------|---|------------------------|
| 2  | Education                   | : | Post Graduate          |
| 3  | Farming Experience          | : | 10 yrs                 |
| 4  | Address                     | : | Village Talamadugu     |
| 5  | Contact details             | : | 9703279750             |
| 6  | Total Land                  | : | 4.8 ha                 |
| 7  | Area under Soybean          | : | 2.0 ha                 |
| 8  | Number of soybean varieties | : | 2                      |
|    | grown                       |   |                        |
| 9  | Name of soybean variety     | : | JS 335, Basara         |
| 10 | Soybean yield (kharif 2019) | : | 27.5 q/ha (JS 335)     |
| 11 | Source of technology know-  |   | ICAR-IISR and AICRP on |
|    | how                         |   | Soybean, Adilabad      |
| 12 | Average yield               | : | 24.5 q/ha              |
| 13 | Average cost of cultivation | : | Rs. 42,000/ha          |
| 14 | Market rates of soybean     | : | Rs 3,700/q             |
| 15 | Net Profit                  |   | Rs. 59,750/ha          |



- Use of FYM (2.0 t/ha) and application of nutrition through Urea and MOP and use of micronutrient Agronomin max @ 5 kg/ha)
- Seed treatment with recommended fungicide and insecticide Gaucho 600 FS @ 1.5ml/kg seed
- Foliar application of NPK mix @ 5 kg/ha
- Seed rate (65 kg/ha) with spacing of 45cm X 5-10 cm
- ✤ Use of PE herbicide Pendimethalin @ 1.75 l/ha) using water @ 350 l/ha
- ✤ Use of POE herbicide Imazethapyr @ 625 ml/ha) using water @ 350 l/ha
- Four sprays (1) Chloropyriphos (1.25 l/ha), (2) Chlorantraniliprole (150 ml/ha) (3) Beta Cyfluthrin 8.49+ Imidachloprid 19.81% ww @ 625 ml/ha and (4) Tebuconazole 50%+Trifloxystrobin (@ 200g/ha using water @ 350 l/ha
- One manual weeding at 25 DAS
- Two interculture operations at 15 & 40 DAS
- Application of irrigation in case of dry spell

## Adilabad, Telangana: Mr. Bandi Gajanan

18

| 1  | Age                         | : | 45 yrs                   |
|----|-----------------------------|---|--------------------------|
| 2  | Education                   | : | Graduate                 |
| 3  | Farming Experience          | : | 15 yrs                   |
| 4  | Address                     | : | Village-Gomuthri         |
| 5  | Contact details             | : | 6300108445               |
| 6  | Total Land                  | : | 4.0 ha                   |
| 7  | Area under Soybean          | : | 2.5 ha                   |
| 8  | Number of soybean varieties | : | 3                        |
|    | grown                       |   |                          |
| 9  | Name of soybean variety     | : | JS 335, Basara, Karishma |
| 10 | Soybean yield (kharif 2019) | : | 26.25 q/ha (JS 335)      |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on   |
|    | how                         |   | Soybean, Adilabad        |
| 12 | Average yield               | : | 26.25 q/ha               |
| 13 | Average cost of cultivation | : | Rs. 42,000/ha            |
| 14 | Market rates of soybean     | : | Rs 3,700/q               |
| 15 | Net Profit                  |   | Rs. 55,125/ha            |



- Use of FYM (4.0 t/ha)
- Seed treatment with Thiophanate methyl 70%WP @ 2 g/kg seed
- Seed rate (62.5 kg/ha) with spacing of 45cm X 5-10 cm
- ↔ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 350 I/ha
- Three sprays (1) Chloropyriphos + Dichlorovos 76% EC (1.750 ml + 250 ml/ha), (2) Chlorantraniliprole 18.5 SC (150 ml/ha) and (3) Chlorantraniliprole 10% + Lambda Cyhalothrin 5% ZC (100 ml/ha) using water @ 350 l/ha
- One manual weeding at 40 DAS
- One interculture operations at 15 DAS
- ✤ Application of irrigation in case of dry spell

# Adilabad, Telangana: Mr. Maddari Srikanth

19

| 1  | Age                                 | 1: | 40 yrs                   |
|----|-------------------------------------|----|--------------------------|
| 2  | Education                           | :  | Post Graduate            |
| 3  | Farming Experience                  | :  | 10 yrs                   |
| 4  | Address                             | :  | Village-Barampur         |
| 5  | Contact details                     | :  | 7731831719               |
| 6  | Total Land                          | :  | 2.8 ha                   |
| 7  | Area under Soybean                  | :  | 2.0 ha                   |
| 8  | Number of soybean varieties         | :  | 3                        |
|    | grown                               |    |                          |
| 9  | Name of soybean variety             | :  | JS 335, Basara, Karishma |
| 10 | Soybean yield ( <i>kharif</i> 2019) | :  | 25 q/ha (JS 335)         |
| 11 | Source of technology know-          | :  | ICAR-IISR and AICRP on   |
|    | how                                 |    | Soybean, Adilabad        |
| 12 | Average yield                       | :  | 26.25 q/ha               |
| 13 | Average cost of cultivation         | :  | Rs. 43,000/ha            |
| 14 | Market rates of soybean             | :  | Rs 3,700/q               |
| 15 | Net Profit                          |    | Rs. 54,125/ha            |



- ◆ Use of FYM (2.5 t/ha) and aplication of nutrition through Urea, SSP and MOP
- Seed treatment with recommended fungicide
- Foliar application of NPK mix @ 5 kg/ha
- Seed rate (55 kg/ha) with spacing of 45cm X 5-10 cm
- ◆ Use of POE herbicide Imazethapyr @ 625 ml/ha) using water @ 350 l/ha
- Four sprays (1) Triazophos 40% EC (1 I/ha) (2) Profenophos 50% EC (1.5 I/ha) (3) Chlorantraniliprole 18.5 SC (150 ml/ha) and (3) Thiophanate methyl 70 WP (500 g/ha) using water @ 350 I/ha
- Three interculture operations at 15, 30 and 45 DAS
- Application of irrigation in case of dry spell

## Adilabad, Telangana: Mr. Alluri Ram Reddy

20

| 1  | Age                         | : | 42 yrs                 |
|----|-----------------------------|---|------------------------|
| 2  | Education                   | : | Graduate               |
| 3  | Farming Experience          |   | 15 yrs                 |
| 4  | Address                     | • | Village-Kouta (B)      |
| 5  | Contact details             |   | 9959907333             |
| 6  | Total Land                  | • | 6.0 ha                 |
| 7  | Area under Soybean          | : | 3.0 ha                 |
| 8  | Number of soybean varieties | : | 2                      |
|    | grown                       |   |                        |
| 9  | Name of soybean variety     | : | JS 335, Basara         |
| 10 | Soybean yield (kharif 2019) | • | 25 q/ha (JS 335)       |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on |
|    | how                         |   | Soybean, Adilabad      |
| 12 | Average yield               |   | 25 q/ha                |
| 13 | Average cost of cultivation |   | Rs. 45,000/ha          |
| 14 | Market rates of soybean     |   | Rs 3,710/q             |
| 15 | Net Profit                  |   | Rs. 47,750/ha          |



- Use of FYM (2.5 t/ha) and application of nutrition through Urea, SSP and MOP and use of micronutrient Agronomin max @ 5 kg/ha)
- Seed treatment with insecticide Goucho 600 FS (1.5 ml/kg seed)
- Seed rate (62.5 kg/ha) with spacing of 45cm X 5 cm
- ✤ Use of PE Pendimethalin 30% EC (3 I/ha)
- ◆ Use of POE herbicide Imazethapyr 35+ Imazomox 35% WG @ 100 g/ha) using water @ 350 I/ha
- Four sprays (1) Triazophos40% EC (1 l/ha) (2) Chlorpyriphos 50% EC (1.25 l/ha) (3) Acephate 75% SP (700 g/ha) and (4) Chlorantraniliprole 18.5 SC (150 ml/ha) using water @ 350 l/ha
- ✤ One manual weeding at 25 DAS
- Three interculture operations at 15 and 40 DAS
- Application of irrigation in case of dry spell

## Parbhani, Maharashtra: Mr. Naresh Ganeshrao Shinde

21

| 1  | Age                                 | :   | 49 yrs                 |
|----|-------------------------------------|-----|------------------------|
| 2  | Education                           | :   | Graduate               |
| 3  | Farming Experience                  | :   | yrs                    |
| 4  | Address                             | :   | Village-Sanpuri        |
| 5  | Contact details                     | :   |                        |
| 6  | Total Land                          | :   | 1.0 ha                 |
| 7  | Area under Soybean                  | :   | 1.0 ha                 |
| 8  | Number of soybean varieties         | ••• | 1                      |
|    | grown                               |     |                        |
| 9  | Name of soybean variety             | ••• | MAUS 612               |
| 10 | Soybean yield ( <i>kharif</i> 2019) | :   | 30 q/ha                |
| 11 | Source of technology know-          | :   | ICAR-IISR and AICRP on |
|    | how                                 |     | Soybean, Parbhani      |
| 12 | Average yield                       | :   | 30 q/ha                |
| 13 | Average cost of cultivation         | :   | Rs. 32,903/ha          |
| 14 | Market rates of soybean             | :   | Rs. 4,000/q            |
| 15 | Net Profit                          |     | Rs. 87,097/ha          |



- Application of FYM @ 3 t/ha and Application of nutrition through SSP and NPK mix and micro-nutrient Grade 2 @ 2.5 l/ha
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with *Bradyrhizobium japonicum* + PSB both @ 10 g/kg seed
- Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- ✤ Use of PE herbicide Pendimethalin @ 3 I/ha using water @ 500 I/ha
- ◆ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Triazophos 50% EC @ 1 I/ha (2) Flubendiamide @ 150 ml/ha using water @ 500 I/ha
- One manual weeding at 20 DAS
- Two interculture operations at 15 & 35 DAS
- Application of irrigation in case of dry spell

Parbhani, Maharashtra: Mr. Tukaram Narayan Dahe

22

| 1  | Age                         | : | 45 yrs                 |
|----|-----------------------------|---|------------------------|
| 2  | Education                   | : | SSC                    |
| 3  | Farming Experience          | : | 15 yrs                 |
| 4  | Address                     | : | Village-Malsona        |
| 5  | Contact details             | : |                        |
| 6  | Total Land                  | : | 2 .0 ha                |
| 7  | Area under Soybean          | : | 1.0 ha                 |
| 8  | Number of soybean varieties | : | 2                      |
|    | grown                       |   |                        |
| 9  | Name of soybean variety     |   | JS 20-29               |
| 10 | Soybean yield (kharif 2019) | : | 30 q/ha                |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on |
|    | how                         |   | Soybean, Parbhani      |
| 12 | Average yield               | : | 30 q/ha                |
| 13 | Average cost of cultivation |   | Rs. 32,903/ha          |
| 14 | Market rates of soybean     | : | Rs. 4,000/q            |
| 15 | Net Profit                  |   | Rs. 87,097/ha          |



- Field preparation using MB plough, cultivator and rotavator
- Use of FYM @ 2 t/ha and application of nutrition through SSP and NPK mix and micro-nutrient Grade
   2 @ 2.5 l/ha
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum+PSB both @ 10 g/kg seed
- Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- ◆ Use of PE herbicide Pendimethalin @ 3 I/ha using water @ 500 I/ha
- ✤ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Profenophos 50% EC @ 1 l/ha (2) Thiamethoxam @ 125 ml/ha using water @ 500 l/ha
- One manual weeding at 20 DAS
- Two interculture operations at 15 & 35 DAS
- Application of irrigation in case of dry spell

## Nanded, Maharashtra: Mr. Sanjay Krishnarao Rampure

23

| Age                         | :   | 43 yrs  |
|-----------------------------|---|---|
| Education                   | :   | Post Graduate   |
| Farming Experience          | :   | 14 yrs  |
| Address                     | :   | Village-Shelgaon  |
| Contact details             | :   |   |
| Total Land                  | •••   | 16.0 ha   |
| Area under Soybean          | •••   | 10.0 ha   |
| Number of soybean varieties | :   | 2   |
| grown                       |   |   |
| Name of soybean variety     | -   | MAUS 612  |
| Soybean yield (kharif 2019) |   | 30 q/ha   |
| Source of technology know-  |   | ICAR-IISR and AICRP on  |
| how                         |   | Soybean, Parbhani   |
| Average yield               | •   | 30 q/ha   |
| Average cost of cultivation | :   | Rs. 32,903/ha   |
| Market rates of soybean     | •   | Rs. 4,000/q   |
| Net Profit                  |   | Rs. 87,097/ha   |
|                             | Education<br>Farming Experience<br>Address<br>Contact details<br>Total Land<br>Area under Soybean<br>Number of soybean varieties<br>grown<br>Name of soybean variety<br>Soybean yield ( <i>kharif</i> 2019)<br>Source of technology know-<br>how<br>Average yield<br>Average cost of cultivation<br>Market rates of soybean | Education:Farming Experience:Address:Address:Contact details:Total Land:Area under Soybean:Number of soybean varieties:grown:Name of soybean variety:Soybean yield ( <i>kharif</i> 2019):Source of technology know-<br>how:Average yield:Average cost of cultivation:Market rates of soybean: |



- Use of FYM @ 2 t/ha and application of nutrition through Urea, SSP and MOP and micro-nutrient Grade 2 @ 2.5 l/ha
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with *Bradyrhizobium japonicum*+PSB both @ 10 g/kg seed
- Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- ✤ Use of PE herbicide Diclosulam @ 30 g/ha using water @ 500 l/ha
- Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Profenophos 50% EC @ 1 I/ha (2) Thiamethoxam @ 125 ml/ha using water @ 500 l/ha
- One manual weeding at 20 DAS
- Two interculture operations at 15 & 35 DAS
- Application of irrigation in case of dry spell

Hingoli, Maharashtra: Mr. Gangadhar Bhimrao Chavan

24

| 1  | A.c.a                               | <b>.</b> | 12                       |
|----|-------------------------------------|----------|--------------------------|
| 1  | Age                                 | :        | 43 years                 |
| 2  | Education                           | :        | 7 <sup>th</sup> Standard |
| 3  | Farming Experience                  | •••      | 18                       |
| 4  | Address                             | :        | Village-Kudala           |
| 5  | Contact details                     | :        |                          |
| 6  | Total Land                          | :        | 2.0 ha                   |
| 7  | Area under Soybean                  | :        | 1.0 ha                   |
| 8  | Number of soybean varieties         | :        | 2                        |
|    | grown                               |          |                          |
| 9  | Name of soybean variety             | :        | MAUS 162                 |
| 10 | Soybean yield ( <i>kharif</i> 2019) | :        | 30 q/ha                  |
| 11 | Source of technology know-          | :        | ICAR-IISR and AICRP on   |
|    | how                                 |          | Soybean, Parbhani        |
| 12 | Average yield                       | :        | 30 q/ha                  |
| 13 | Average cost of cultivation         | :        | Rs. 32,903/ha            |
| 14 | Market rates of soybean             | :        | Rs. 4,000/q              |
| 15 | Net Profit                          |          | Rs. 87,097/ha            |



- Use of FYM @ 3 t/ha and application of nutrition through SSP and NPK mix and micro-nutrient Grade
   2 @ 2.5 l/ha
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum+PSB both @ 10 g/kg seed
- Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- Use of PE herbicide Pendimethalin @ 3 l/ha using water @ 500 l/ha
- ◆ Use of POE herbicide Chlorimuron ethyl @ 36 g/ha using water @ 500 l/ha
- Two sprays of insecticides (1) Profenophos 50% EC @ 1 I/ha and (2) Thiamethoxam+ Lambda Cyhalothrin @ 125 ml/ha using water @ 500 I/ha
- One manual weeding at 20 DAS
- Two interculture operations at 15 & 35 DAS
- Application of irrigation in case of dry spell

# Amravati, Maharashtra: Mrs. Maya Sanjay Mehare

25

|   | 1  | Age                          | : | 47 years                 |
|---|----|------------------------------|---|--------------------------|
| 1 | 2  | Education                    | : | <sup>10th</sup> Standard |
|   | 3  | Farming Experience           | : | 12                       |
| 4 | 4  | Address                      | : | Village-Pala             |
|   | 5  | Contact details              | : |                          |
| ( | 6  | Total Land                   | : | 3 ha                     |
|   | 7  | Area under Soybean           | : | 1.2 ha                   |
|   | 8  | Number of soybean varieties  | : | 2                        |
|   |    | grown                        |   |                          |
|   | 9  | Name of soybean variety      | : | AMS 1001                 |
|   | 10 | Soybean yield ( kharif 2019) | : | 30 q/ha                  |
|   | 11 | Source of technology know-   | : | ICAR-IISR and AICRP on   |
|   |    | how                          |   | Soybean, Amravati        |
|   | 12 | Average yield                |   | 30 q/ha                  |
|   | 13 | Average cost of cultivation  | : | Rs. 32,903/ha            |
|   | 14 | Market rates of soybean      | : | Rs. 4,000/q              |
|   | 15 | Net Profit                   |   | Rs. 87,097/ha            |



- ◆ Use of FYM @ 2 t/ha and application of nutrition through DAP
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 2.5 g/kg seed
- Sowing with BBF method
- Foliar application of micro-nutrients with 2.5 kg/ha
- Seed rate (65 kg/ha) with spacing of 35cm X 5cm
- ✤ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 400 I/ha
- Two sprays (1) Triazophos @ 0.5 l/ha and (2) Chlorantraniliprole @ 80 ml/ha using water @ 500 l/ha
- One manual weeding at 20 DAS
- Two interculture operations at 15 & 35 DAS



| 1  | Age                                 | : | 45 years               |
|----|-------------------------------------|---|------------------------|
| 2  | Education                           | : | Graduate               |
| 3  | Farming Experience                  | : | 15                     |
| 4  | Address                             | : | Village-Sanpari        |
| 5  | Contact details                     | : |                        |
| 6  | Total Land                          | : | 2.0 ha                 |
| 7  | Area under Soybean                  | : | 1.0 ha                 |
| 8  | Number of soybean varieties         | : | 2                      |
|    | grown                               |   |                        |
| 9  | Name of soybean variety             | : | MAUS 612, MAUS 162     |
| 10 | Soybean yield ( <i>kharif</i> 2019) | : | 31 q/ha (MAUS 612)     |
| 11 | Source of technology know-          | : | ICAR-IISR and AICRP on |
|    | how                                 |   | Soybean, Amravati      |
| 12 | Average yield                       | : | 30.5 q/ha              |
| 13 | Average cost of cultivation         | : | Rs. 32,903/ha          |
| 14 | Market rates of soybean             | : | Rs. 4,000/q            |
| 15 | Net Profit                          |   | Rs. 91,097/ha          |



- Use of of FYM @ 4 t/ha and application of nutrition through Urea, SSP and NPK mix
- Seed treatment with Carboxin+Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 10 g/kg seed
- Foliar application of micro-nutrients with 2.5 kg/ha
- Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- Use of PE Pendimethalin (3 l/ha) using water @ 500 l/ha
- ✤ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Triazophos 50 EC @ 1 I/ha and (2) Flubendiamide 39.35 SC @ 150 ml/ha using water @ 500 I/ha
- One manual weeding at 20 DAS
- Two interculture operations at 15 & 35 DAS

# Hingoli, Maharashtra: Bhaurao Kamaji Dudhalkar

27

| 1  | Age                                 | : | 50 yrs                   |
|----|-------------------------------------|---|--------------------------|
| 2  | Education                           | : | 12 <sup>th</sup>         |
| 3  | Farming Experience                  | : | 10 yrs                   |
| 4  | Address                             | : | Village-Wai              |
| 5  | Contact details                     | : |                          |
| 6  | Total Land                          | : | 2.5 ha                   |
| 7  | Area under Soybean                  | : | 1.5 ha                   |
| 8  | Number of soybean varieties         | : | 2                        |
|    | grown                               |   |                          |
| 9  | Name of soybean variety             | : | MAUS 158, MAUS 612       |
| 10 | Soybean yield ( <i>kharif</i> 2019) | : | 27.5 q/ha (MAUS 158)     |
| 11 | Source of technology know-          |   | ICAR-IISR and AICRP on   |
|    | how                                 |   | Soybean, VNMKV, Parbhani |
| 12 | Average yield                       | : | 27.5 q/ha                |
| 13 | Average cost of cultivation         | : | Rs. 32,903/ha            |
| 14 | Market rates of soybean             | : | Rs. 4,000/q              |
| 15 | Net Profit                          |   | Rs. 77,097/ha            |



- ◆ Use of FYM @ 2.5 t/ha and application of nutrition through SSP and NPK mix
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 10 g/kg seed
- Foliar application of micro-nutrients with 2.5 l/ha
- Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- ✤ Use of PE Pendimethalin (3 I/ha) using water @ 500 I/ha
- Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Triazophos 40 EC @ 625 ml/ha and (2) Thiamethoxam + Lambda Cyhalothrin @ 125 ml/ha using water @ 500 l/ha
- One manual weeding at 30 DAS
- One interculture operations at 20 DAS

## Parbhani, Maharashtra: Mr. Ganesh Vithoba Dhage

28

| 1  | Age                         | : | 60 yrs                   |
|----|-----------------------------|---|--------------------------|
| 2  | Education                   | : | 10 <sup>th</sup>         |
| 3  | Farming Experience          | : | 27 yrs                   |
| 4  | Address                     | : | Village-Parbhani         |
| 5  | Contact details             | : |                          |
| 6  | Total Land                  | : | 3.0 ha                   |
| 7  | Area under Soybean          | : | 2.0 ha                   |
| 8  | Number of soybean varieties | : | 2                        |
|    | grown                       |   |                          |
| 9  | Name of soybean variety     | : | MAUS 612, MAUS 162       |
| 10 | Soybean yield (kharif 2019) | : | 30 q/ha (MAUS 612)       |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on   |
|    | how                         |   | Soybean, VNMKV, Parbhani |
| 12 | Average yield               | : | 30 q/ha                  |
| 13 | Average cost of cultivation | : | Rs. 32,903/ha            |
| 14 | Market rates of soybean     | : | Rs. 4,000/q              |
| 15 | Net Profit                  |   | Rs. 87,097/ha            |



- Use of FYM @ 1.5 t/ha and application of nutrition through Urea, SSP and MOP
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 10 g/kg seed
- Foliar application of micro-nutrients with 2.5 l/ha
- Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- ✤ Use of PE Pendimethalin (3 I/ha) using water @ 500 I/ha
- Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Profenophos 50 EC @ 1 I/ha and (2) Flubendiamide 39.35 SC @ 150 ml/ha using water @ 500 I/ha
- One manual weeding at 25 DAS
- Two interculture operations at 20 and 40 DAS



| 1  | Age                         | : | 30 yrs                   |
|----|-----------------------------|---|--------------------------|
| 2  | Education                   | : | 5 <sup>th</sup>          |
| 3  | Farming Experience          | : | 5 yrs                    |
| 4  | Address                     | : | Village-Shanpuri         |
| 5  | Contact details             | : |                          |
| 6  | Total Land                  | : | 1.0 ha                   |
| 7  | Area under Soybean          | : | 1 .0 ha                  |
| 8  | Number of soybean varieties | : | 1                        |
|    | grown                       |   |                          |
| 9  | Name of soybean variety     | : | MAUS 162                 |
| 10 | Soybean yield (kharif 2019) | : | 27 q/ha                  |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on   |
|    | how                         |   | Soybean, VNMKV, Parbhani |
| 12 | Average yield               | : | 27 q/ha                  |
| 13 | Average cost of cultivation | : | Rs. 32,903/ha            |
| 14 | Market rates of soybean     | : | Rs. 4,000/q              |
| 15 | Net Profit                  |   | Rs. 75,097/ha            |
|    |                             |   |                          |



- ◆ Use of FYM @ 2.5 t/ha and application of nutrition through Urea, SSP and MOP
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum+PSB both @ 10 g/kg seed
- Foliar application of micro-nutrients with 2.5 l/ha
- ✤ Seed rate (65 kg/ha) with spacing of 45cm X 5cm
- ✤ Use of PE herbicide Diclosulam (30 g/ha) using water @ 500 l/ha
- ◆ Use of POE herbicide Cloremuron 20 WP@ 60 g/ha using water @ 500 l/ha
- Two sprays (1) Profenophos 50 EC @ 1 l/ha and (2) Flubendiamide 39.35 SC @ 150 ml/ha using water @ 500 l/ha
- One manual weeding at 25 DAS
- Two interculture operations at 20 and 40 DAS



## Parbhani, Maharashtra: Mr. Babasaheb Tukaram Deshmukh

| Age                         | :   | 52 yrs   |
|-----------------------------|---|--|
| Education                   | :   | 7th  |
| Farming Experience          | :   | 20 yrs   |
| Address                     | :   | Village-Pedgaon  |
| Contact details             | :   |  |
| Total Land                  | :   | 3.5 ha   |
| Area under Soybean          | :   | 2.5 ha   |
| Number of soybean varieties | :   | 2  |
| grown                       |   |  |
| Name of soybean variety     | :   | MAUS 612, MAUS 162   |
| Soybean yield (kharif 2019) | :   | 27 q/ha (MAUS 612)   |
| Source of technology know-  | :   | ICAR-IISR and AICRP on   |
| how                         |   | Soybean, VNMKV, Parbhani   |
| Average yield               | :   | 27 q/ha  |
| Average cost of cultivation | :   | Rs. 32,903/ha  |
| Market rates of soybean     | :   | Rs. 4,000/q  |
| Net Profit                  |   | Rs. 75,097/ha  |
|                             | Education<br>Farming Experience<br>Address<br>Contact details<br>Total Land<br>Area under Soybean<br>Number of soybean varieties<br>grown<br>Name of soybean variety<br>Soybean yield ( <i>kharif</i> 2019)<br>Source of technology know-<br>how<br>Average yield<br>Average cost of cultivation<br>Market rates of soybean | Education:Farming Experience:Address:Contact details:Total Land:Area under Soybean:Area under Soybean varieties:grown:Name of soybean variety:Soybean yield (kharif 2019):Source of technology know-<br>how:Average yield:Average cost of cultivation:Market rates of soybean: |



- Use of FYM @ 3 t/ha and application of nutrition through SSP and NPK Mix
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with *Bradyrhizobium japonicum* + PSB both @ 10 g/kg seed
- Foliar application of micro-nutrients with 2.5 l/ha
- Seed rate (65 kg/ha) with the spacing of 45cm X 5cm
- Use of PE Pendimethalin ( 3 l/ha) using water @ 500 l/ha
- Use of POE herbicide Imazethapyr 10 SL@ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Triazophos 40 EC @ 625 ml/ha and (2) Flubendiamide 39.35 SC @ 150 ml/ha using water @ 500 l/ha
- One manual weeding at 25 DAS
- Two interculture operations at 20 and 40 DAS

# Buldhana, Maharashtra: Mr. Vijayrao Panjajirao Ambhore

31

| Age                                 | -   | 65 yrs  |
|-------------------------------------|---|---|
| Education                           | :   | 10 <sup>th</sup> Standard   |
| Farming Experience                  | :   | 40 yrs  |
| Address                             | :   | Village-Mangrul Naughare  |
| Contact details                     | :   | 9822303528  |
| Total Land                          | :   | 10.0 ha   |
| Area under Soybean                  | :   | 9.0 ha  |
| Number of soybean varieties         | :   | 2   |
| grown                               |   |   |
| Name of soybean variety             | :   | Phule Sangam (KDS 726)  |
|                                     |   | Phule Kimaya (KDS-753)  |
| Soybean yield ( <i>kharif</i> 2019) |   | 45 q/ha (KDS 726)   |
| Source of technology know-          | -   | IISR, AICRPS Kasbe Digraj,  |
| how                                 |   | Newspaper, TV   |
| Average yield                       | :   | 40 q/ha   |
| Average cost of cultivation         | :   | 30,000/ha   |
| Market rates of soybean             | -   | Rs 6,500 (as seed)  |
| i Net Profit                        |   | Rs. 2,10,000/ha   |
| )<br>3                              | Education         Farming Experience         Address         Contact details         Total Land         Area under Soybean         Number of soybean varieties grown         Name of soybean variety         O         Soybean yield ( <i>kharif</i> 2019)         I         Source of technology knowhow         how         2         Average yield         3         Average cost of cultivation         4 | Education       :         Farming Experience       :         Address       :         Contact details       :         Total Land       :         Area under Soybean       :         Number of soybean varieties<br>grown       :         Name of soybean variety       :         O       Soybean yield (kharif 2019)       :         I       Source of technology know-<br>how       :         Q       Average yield       :         B       Average cost of cultivation       :         I       Market rates of soybean       : |



- Use of FYM @ 20 trolley/ha every three years and application of nutrition through 20 kg Urea+200kg SSP+75 kg MOP per ha during sowing.
- Seed production for *Mahabeej*, Monitoring of crop and regular scouting
- Seed treatment with recommended fungicide *Trichoderma* (5 g/kg seed) and seed inoculation with *Bradirhizobium japonicum* + PSB culture both @10 g/kg seed
- Seed rate (45 kg/ha) Spacing (52.5 cmX12.5 cm) under BBF system
- Five sprays (1) Dimethoate (700 ml/ha)+Neem extract (750 ml/ha) (2) Profenophos (1.25 l/ha) (3) Thicloprid 625 ml/ha (4) Combination spray with Emamectin Benzoate 65 g +Thiophenate Methyl 125 g/ha **OR** Lambda Cyhalothrin + Chlorantraniliprole @ 450 ml and Tebuconazole+Sulphur @ 750 g/ha and (5) Tebuconazol 625ml/ha using water @ 500 l/ha
- Three inter-cultivation + manual weeding
- Imazethapyr + propaquizafop @ 2lit/ha as Post-emergence herbicide.



| 1  | Age                         | : | 36 yrs                        |
|----|-----------------------------|---|-------------------------------|
| 2  | Education                   | : | MA Political Science          |
| 3  | Farming Experience          | : | 20 yrs                        |
| 4  | Address                     | : | Village-Atit, Tehsil- Satara, |
| 5  | Contact details             | : | 9975758649                    |
| 6  | Total Land                  | : | 5.5 ha                        |
| 7  | Area under Soybean          | : | 3.0 ha                        |
| 8  | Number of soybean varieties | : | 2                             |
|    | grown                       |   |                               |
| 9  | Name of soybean variety     | : | Phule Sangam (KDS 726),       |
|    |                             |   | Phule Kimaya (KDS 753)        |
| 10 | Soybean yield (kharif 2019) | : | 40 q/ha (KDS 726)             |
| 11 | Source of technology know-  | : | IISR, AICRPS Kasbe Digraj     |
|    | how                         |   | (Sangli), Newspaper, TV       |
| 12 | Average yield               | : | 35 q/ha                       |
| 13 | 0                           | : | Rs 30,000/ha                  |
| 14 | Market rates of soybean     | : | Rs. 8,000/q (as seed)         |
| 15 | Net Profit                  |   | Rs. 2,90,000/ha               |



- Use of FYM @ 3 t/ha and application of nutrition through SSP and NPK Mix
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 10 g/kg seed
- Foliar application of micro-nutrients with 2.5 l/ha
- Seed rate (65 kg/ha) with the spacing of 30cm X 12.5 cm
- Use of PE Pendimethalin ( 3 I/ha) using water @ 500 I/ha
- Use of POE herbicide Imazethapyr 10 SL@ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Triazophos 40 EC @ 625 ml/ha and (2) Flubendiamide 39.35 SC @ 150 ml/ha using water @ 500 l/ha
- One manual weeding at 25 DAS
- Two interculture operations at 20 and 40 DAS
Akola, Maharashtra: Mr. Pravin Hanumantrao Deshmukh

33

| 1  | Age                         | : | 53 yrs                         |
|----|-----------------------------|---|--------------------------------|
| 2  | Education                   | : | B.Sc. Agriculture              |
| 3  | Farming Experience          | : | 35 yrs                         |
| 4  | Address                     | : | Village-Mhasipur, Tehsil- Akoa |
| 5  | Contact details             | : | 9822466077                     |
| 6  | Total Land                  | : | 8.2 ha                         |
| 7  | Area under Soybean          | : | 8.2 ha                         |
| 8  | Number of soybean varieties | : | 5                              |
|    | grown                       |   |                                |
| 9  | Name of soybean variety     |   | Phule Sangam (KDS 726),        |
|    |                             |   | Phule Kimaya (KDS-753),        |
|    |                             |   | JS 93-05, MAUS 158, MAUS 612   |
| 10 | Soybean yield (kharif 2020) | : | 32 q/ha (KDS 726)              |
| 11 | Source of technology know-  |   | IISR-AICRPS-MPKV Rahuri and    |
|    | how                         |   | Kasbe Digraj                   |
| 12 | Average yield               | : | 30 q/ha                        |
| 13 | Average cost of cultivation | : | Rs. 20,000/ha                  |
| 14 | Market rates of soybean     | : | Rs. 4,000/ha                   |
| 15 | Net Profit                  |   | Rs. 1,00,000/ha                |
|    |                             |   |                                |



- Use of FYM @ 8 ton/ha every alternate years and application of nutrition through 150 kg of SSP 1 month before sowing,
- Seed treatment with fungicide ie. Thiophanate Methyl 2 g/kg seed and seed inoculation with Bradyrhizobium japonicum and PSB culture both @10 g/kg seed
- Seed rate (50 kg/ha) with spacing of 45 cm X 6 cm inches using :BBF
- Three sprays (1) Triazophos at 25 DAS (800 ml/ha) and Neem extract (2) Emamectin Benzoate (200 g/ha) and 12:61:0 200 g/ha with Carbendazim+Mancozeb (160 g/ha) and Humic acid 160 ml/ha (3) Repeat of second spray
- Two inter-cultivation and one manual weeding
- Use of Imazethapyr @ 1 lit/ha

## Nandurbar, Maharashtra: Mr. Eknath Patil

34

| 1  | Age                                 | :   | 59 yrs                          |
|----|-------------------------------------|-----|---------------------------------|
| 2  | Education                           | :   | Post Graduate                   |
| 3  | Farming Experience                  | :   | 40 yrs                          |
| 4  | Address                             | ••• | Village-Parivardha, Tehsil-     |
|    |                                     |     | Shahada                         |
| 5  | Contact details                     | ••• | 9359045399                      |
| 6  | Total Land                          | ••• | 10 .0 ha                        |
| 7  | Area under Soybean                  | :   | 8 .0 ha                         |
| 8  | Number of soybean varieties         | ••• | 2                               |
|    | grown                               |     |                                 |
| 9  | Name of soybean variety             |     | Phule Sangam (KDS 726),         |
|    |                                     |     | MAUS 162                        |
| 10 | Soybean yield ( <i>kharif</i> 2020) | :   | 55 q/ha ( KDS 726 sown by       |
|    |                                     |     | dibbling method)                |
| 11 | Source of technology know-          |     | Prashant Patil, YouTube videos, |
|    | how                                 |     | Newspapers, Progressive farmers |
| 12 | Average yield                       |     | 40 q/ha                         |
| 13 | Average cost of cultivation         | ••• | Rs 15,000                       |
| 14 | Market rates of soybean             | :   | 3,500 seed                      |
| 15 | Net Profit                          |     | 1,25,000                        |



#### Package of practices/innovative approaches followed

- Application of Industrial waste (molasses-Pushpakamal 25 bags/ha)
- Application of nutrition through Complex fertilizer 12:32:16 @ 250 kg/ ha during sowing.
- Method of sowing : Dibbling

Seed treatment with recommended fungicide Carbendazim (2 g/kg seed) and seed inoculation with Bradyrhizobium japonicum and PSB culture both @ 5 g/kg seed

- Seed rate (22 kg/ha) with spacing of (52.5cm X 25 cm) and also use of Ridge & Furrow method
- Three sprays (1) Chloropyriphos (1.5 l/ha) (2) Chlorantraniliprole (100 ml/ha) (3) application of Tebuconazol + sulphur (1 kg/ha) through drip irrigation
- Two-three manual weeding

Satara, Maharashtra: Mr. Sandip Chitoba Fadtare

35

| 1  | Age                         | : | 43 yrs                        |
|----|-----------------------------|---|-------------------------------|
| 2  | Education                   | : | M.Sc. , MBA                   |
| 3  | Farming Experience          | : | 25 yrs                        |
| 4  | Address                     | : | Village-Fadtarwadi,           |
|    |                             |   | Tehsil- Phaltan               |
| 5  | Contact details             | : | 9730409619                    |
| 6  | Total Land                  | : | 3.6 ha                        |
| 7  | Area under Soybean          | : | 3.6 ha                        |
| 8  | Number of soybean varieties | : | 2                             |
|    | grown                       |   |                               |
| 9  | Name of soybean variety     | : | Phule Sangam (KDS 726), MACS  |
|    |                             |   | 1188                          |
| 10 | Soybean yield (kharif 2020) | : | 45 q/ha (KDS 726              |
| 11 | Source of technology know-  | : | IISR-AICRPS, Kasbe Digraj and |
|    | how                         |   | ARI Pune                      |
| 12 | Average yield               | : | 35 q/ha                       |
| 13 | Average cost of cultivation | : | Rs. 22,000/ha                 |
| 14 | Market rates of soybean     | : | Rs. 9,000/q as seed           |
| 15 | Net Profit                  |   | Rs. 2,93,000/ha               |



- Use of FYM @ 12 ton after every 3 years and application of nutrition through 75kg DAP+25 Kg MOP+10 kg Zinc Sulphate and 4 kg Boron during sowing.
- ✤ Use of PE Herbicide Diclosulam @ 26 g/ha
- Seed production, Monitoring of crop and regular scouting
- Seed treatment with Carbendazim @ 3g/kg seed and inoculation with *Bradyrhizobium japonicum* and PSB culture @ 5 g/kg seed
- Seed rate (55 kg/ha) with spacing of 45 cm X 10 cm) and 3.5 ft on BBF (late sowing)
- Five sprays (1) Chloropyriphos (1.25 l/ha) at 12 DAS (2) Boom flower+13:0:45 at 35 DAS and (3) Chlorantraniliprole @100 ml/ha using water @ 500 l/ha
- Two-three inter-cultivation

## Sangli, Maharashtra: Mr. Govind Narayan Hasabnis

36

| 1  | Age                                 | : | 48 yrs                       |
|----|-------------------------------------|---|------------------------------|
| 2  | Education                           | : | BE (Mechanical)              |
| 3  | Farming Experience                  | : | 13 yrs                       |
| 4  | Address                             | : | Village-Urun-Islampur,       |
|    |                                     |   | Tehsil-Walwa                 |
| 5  | Contact details                     | : | 9422866080                   |
| 6  | Total Land                          | : | 6 .0 ha                      |
| 7  | Area under Soybean                  | : | 3.2 ha                       |
| 8  | Number of soybean varieties         | : | 3                            |
|    | grown                               |   |                              |
| 9  | Name of soybean variety             | : | Phule Sangam (KDS 726),      |
|    |                                     |   | Phule Kimaya (KDS 753) and   |
|    |                                     |   | Phule Agrani (KDS 344)       |
| 10 | Soybean yield ( <i>kharif</i> 2019) | : | 42 q/ha (KDS 763)            |
| 11 | Source of technology know-          | : | ICAR-IISR and AICRPS centres |
|    | how                                 |   | of ARI Pune and Kasbe Digraj |
| 12 | Average yield                       | : | 40 q/ha                      |
| 13 | Average cost of cultivation         | : | Rs. 15,000/ha                |
| 14 | Market rates of soybean             | : | Rs. 10,000/q (as seed)       |
| 15 | Net Profit                          |   | Rs. 3,85,000/q               |



- Use of FYM @ 8 ton/ha and application of nutrition through SSP (150 kg)+ MOP (50 kg) as basal application + Urea (60kg) as top dressing
- Seed treatment with Thiram 3 g/kg seed and seed inoculation with *Bradyrhizobium japonicum* and PSB culture both @ 10 g/kg seed
- Seed rate (30 kg/ha) with spacing of 21 inches X 9 inches using Ridge Furrow method
- Four sprays (1) Chloropyriphos (300 ml/ha) with 19:19:19 at 21 DAS (2) Cypermethrin + Chloropyriphos @ 1 l/ha and 0:52:34 @ 3g/l (3) Chlorantraniliprole at flowering (100 ml/ha) @ 5g/l) using water @ 500 l/ha and (4) repeat the fourth spray
- POE herbicide Sodium Acefluorfen at 21-42 days @ 400 ml/ha

Wardha, Maharashtra: Mr. Jayant Chandrashekhar Shaligram

37

| Age                         | :   | 53 years   |
|-----------------------------|---|--|
| Education                   | :   | MA, M.Com  |
| Farming Experience          | :   | 5 yrs  |
| Address                     | :   | Village-Mangrur,   |
|                             |   | Tehsil-Samudrapur  |
| Contact details             | :   | 9372636727, 9404207514   |
| Total Land                  | :   | 6.0 ha   |
| Area under Soybean          | :   | 3.2 ha   |
| Number of soybean varieties | :   | 3  |
| grown                       |   |  |
| Name of soybean variety     | :   | Phule Sangam (KDS 726),  |
|                             |   | Phule Kimaya (KDS 753) and   |
|                             |   | Phule Agrani (KDS 344)   |
| Soybean yield (kharif 2019) |   | 42 q/ha (KDS 763)  |
| Source of technology know-  | :   | ICAR-IISR -AICRPS, ARI Pune,   |
| how                         |   | Kasbe Digraj   |
| Average yield               | :   | 55 q/ha  |
| Average cost of cultivation | :   | Rs. 20,000/ha  |
| Market rates of soybean     | :   | Rs. 10,000/q (as seed)   |
| Net Profit                  |   | Rs. 5,30,000 q/ha  |
|                             | Education<br>Farming Experience<br>Address<br>Contact details<br>Total Land<br>Area under Soybean<br>Number of soybean varieties<br>grown<br>Name of soybean variety<br>Soybean yield ( <i>kharif</i> 2019)<br>Source of technology know-<br>how<br>Average yield<br>Average cost of cultivation<br>Market rates of soybean | Education:Farming Experience:Address:Address:Contact details:Total Land:Area under Soybean:Area under Soybean varieties<br>grown:Number of soybean varieties<br>grown:Name of soybean variety:Soybean yield (kharif 2019):Source of technology know-<br>how:Average yield:Average cost of cultivation:Market rates of soybean: |



- Application of FYM @ 8 ton/ha
- ✤ Application of nutrition through SSP (125 kg) during summer
- Seed treatment with recommended fungicide Carboxin+Thiram @ 3 g/kg seed and seed inoculation with *Bradyrhizobium japoniucm* and PSB culture both @ 10 g/kg seed
- Seed rate (25 kg/ha) with spacing of (45-60 cm X 15 cm) using seed drill
- Two sprays (Neem seed extract at 30 DAS (2) Tebuconazol + Sulphur @ 1kg/ha)
- Three Intercultural operations (hoeing)

Washim, Maharashtra: Mr. Vilas Gyanba Gaikwad

38

|   | 1  | Age                         | :   | 41 yrs                          |
|---|----|-----------------------------|-----|---------------------------------|
|   | 2  | Education                   | :   | ВА                              |
|   | 3  | Farming Experience          | :   | 20 yrs                          |
| 4 | 4  | Address                     | ••• | Village-Balkhed, Tehsil-Risod   |
| ļ | 5  | Contact details             | ••• | 9822816607, 8329286550          |
| ( | 6  | Total Land                  |     | 18.0 ha                         |
|   | 7  | Area under Soybean          |     | 16.0 ha                         |
|   | 8  | Number of soybean varieties | •   | 6                               |
|   |    | grown                       |     |                                 |
| 9 | 9  | Name of soybean variety     | :   | JS 93-05, MAUS-612, MAUS-       |
|   |    |                             |     | 158, NRC-127, MACS 1088, JS     |
|   |    |                             |     | 335, Fule Sangam (KDS 726)      |
|   | 10 | Soybean yield (kharif 2019) | :   | 35 q/ha (JS 93-05)              |
|   | 11 | Source of technology know-  | :   | ICAR-IISR – AICRPS Kasbe        |
|   |    | how                         |     | Digraj, Seednet India, Websites |
|   | 12 | Average yield               | :   | 35 q/ha                         |
| _ | 13 | Average cost of cultivation | :   | Rs. 25,000/ha                   |
|   | 14 | Market rates of soybean     | :   | Rs. 6,200/q (as certified seed) |
|   | 15 | Net Profit                  |     | Rs. 2,42,000 q/ha               |



- ◆ Use of FYM @ 5 ton/ha and application of nutrition through SSP (125 kg) during summer
- Seed treatment with *Trichoderma* 5 g/kg seed and seed inoculation with *Bradyrhizobium japonicum* and PSB culture both @ 10 g/kg seed
- Seed rate (40 kg/ha) with spacing of (40 cm X 6 cm) using BBF seed drill
- Three sprays (1) Emamectin Benzoate @ 100 ml/ha + 19:19:19@ 200 g/ha (2) Chlorantraniliprole 100ml/ha + Diethane-M-45 @ 2g/l and (3) Tebuconazol @ 500 ml/ha) and Chlorantraniliprole @ 100 ml/ha
- One Intercultural operations (hoeing)
- ✤ Use of PE herbicide Diclosulum @ 26g/ha

Nagpur, Maharashtra: Mr. Mukesh N. Bhaiswar

39

| 1  | Age                                 | : | 45 yrs                       |
|----|-------------------------------------|---|------------------------------|
| 2  | Education                           | : | Graduate                     |
| 3  | Farming Experience                  | : | 25 yrs                       |
| 4  | Address                             | : | Village-Mendki, Tehsil-Katol |
| 5  | Contact details                     | : | 9766666920                   |
| 6  | Total Land                          | : | 6.0 ha                       |
| 7  | Area under Soybean                  | : | 2.0 ha                       |
| 8  | Number of soybean varieties         | : | 1                            |
|    | grown                               |   |                              |
| 9  | Name of soybean variety             | : | JS 20-98                     |
| 10 | Soybean yield ( <i>kharif</i> 2019) | : | 30 q/ha (JS 20-98)           |
| 11 | Source of technology know-          | : | ICAR-IISR -AICRPS, Amravati  |
|    | how                                 |   |                              |
| 12 | Average yield                       | : | 30 q/ha                      |
| 13 | Average cost of cultivation         | : | Rs. 25,000/ha                |
| 14 | Market rates of soybean             | : | Rs. 4,000/q                  |
| 15 | Net Profit                          |   | Rs. 95,000 q/ha              |



- ◆ Use of FYM @ 5 ton/ha and application of nutrition through SSP (300 kg), MoP (50 kg/ha)
- Seed treatment with recommended fungicide *Trichoderma* 5 g/kg seed and seed inoculation with *Bradyrhizobium japonicum* and PSB culture both @ 10 g/kg seed
- Seed rate (40 kg/ha) with spacing of (37.5 cm X 6 cm) using dibbling
- Three sprays (1) Chloropyriphos @ 1.5 l/ha (2) Combination spray of Thiacloprid (1.25 l/ha)+ Bumper (1.25 l/ha) + 20:230:20 @ 2.5 kg/ha
- Two interculture operations and one hand weeding

Nagpur, Maharashtra: Mr. Dinesh Bhagwatrao Mankar

**40** 

| 1  | Age                                  | : | 49 yrs                      |
|----|--------------------------------------|---|-----------------------------|
| 2  | Education                            | : | B.Sc. Agri                  |
| 3  | Farming Experience                   | : | 20 yrs                      |
| 4  | Address                              | : | Village-Digras (BK),        |
|    |                                      |   | Tehsil-Katol                |
| 5  | Contact details                      | : | 8888129315                  |
| 6  | Total Land                           | : | 3.2 ha                      |
| 7  | Area under Soybean                   | : | 3.2 ha                      |
| 8  | Number of soybean varieties          | : | 1                           |
|    | grown                                |   |                             |
| 9  | Name of soybean variety              | : | JS 93-05                    |
| 10 | Soybean yield ( <i>kharif</i> 2019)  | : | 30 q/ha (JS 93-05)          |
| 1  | Source of technology know-           | : | ICAR-IISR -AICRPS, Amravati |
|    | how                                  |   |                             |
| 12 | 8,                                   | : | 30 q/ha                     |
| 13 | <b>B</b> Average cost of cultivation | : | Rs 25,000/ha                |
| 14 | Market rates of soybean              | : | Rs.4,000/q                  |
| 1  | 5 Net Profit                         |   | Rs.95,000 q/ha              |



- Application of FYM @ 8 ton/ha
- ✤ Application of nutrition through Urea (50 kg/ha), SSP (350 kg/ha) and MoP (50 kg/ha)
- Seed treatment with recommended fungicide Vitavax 3 g/kg seed and seed inoculation with Rhizobium and PSB culture @ 10 g/kg seed
- Seed rate (50 kg/ha) Spacing (45cm X 5 cm)
- Three sprays (1) Chloropyriphos @ 1.5 l/ha (2)) Combination spray of Profenophos (1.25 litre/ha) + Thiophenate Methyl (125 g /ha) and (3) Tebuconazol @ 2.5 kg/ha
- Two Intercultural operations (hoeing)
- One manual weeding

# Kota, Rajasthan: Mr. Nathulal Malav

**41** 

| Age                         | •••   | 48 yrs   |
|-----------------------------|---|--|
| Education                   | :   | 5 <sup>th</sup> Standard   |
| Farming Experience          | :   | 32 yrs   |
| Address                     | :   | Village-Kheda Rasulpur   |
| Contact details             | :   | 7877928673   |
| Total Land                  | :   | 4.0 ha   |
| Area under Soybean          | :   | 2 .0 ha  |
| Number of soybean varieties | •••   | 1  |
| grown                       |   |  |
| Name of soybean variety     | •••   | JS 95-60   |
| Soybean yield (kharif 2018) | :   | 24 q/ha  |
| Source of technology know-  | :   | ICAR-IISR and AICRP on   |
| how                         |   | Soybean, Kota  |
| Average yield               | :   | 20 q/ha  |
| Average cost of cultivation | :   | Rs. 22,000/ha  |
| Market rates of soybean     | :   | Rs. 4,000/q  |
| Net Profit                  |   | Rs. 74,000/ha  |
|                             | Education<br>Farming Experience<br>Address<br>Contact details<br>Total Land<br>Area under Soybean<br>Number of soybean varieties<br>grown<br>Name of soybean variety<br>Soybean yield ( <i>kharif</i> 2018)<br>Source of technology know-<br>how<br>Average yield<br>Average cost of cultivation<br>Market rates of soybean | Education:Farming Experience:Address:Contact details:Total Land:Area under Soybean:Area under Soybean varieties:grown:Name of soybean variety:Soybean yield (kharif 2018):Source of technology know-<br>how:Average yield:Average cost of cultivation:Market rates of soybean: |



- ◆ Use of FYM @ 6-10 t/ha and application of nutrition through DAP @ 90 kg/ha
- Seed treatment with recommended fungicide Carboxin + Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 6 g/kg seed
- Seed rate (100 kg/ha) with spacing of 30cm X 5cm
- ✤ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 400 I/ha
- Two sprays of insecticides (1) Chlorantraniliprole @ 150 ml/ha and (2) Profenophos @ 1.25 l/ha using water @ 500 l/ha

# Kota, Rajasthan: Mr. Rajendra Nagar

42

| Age                         | :   | 46 yrs   |
|-----------------------------|---|--|
| Education                   | :   | SSC  |
| Farming Experience          | :   | 20 yrs   |
| Address                     | :   | Village-Bhagwanpura  |
| Contact details             | :   | 9799618204   |
| Total Land                  | :   | 4.0 ha   |
| Area under Soybean          | :   | 3.0 ha   |
| Number of soybean varieties | :   | 1  |
| grown                       |   |  |
| Name of soybean variety     | :   | JS 95-60, RKS-45   |
| Soybean yield (kharif 2019) | :   | 18 q/ha  |
| Source of technology know-  | :   | ICAR-IISR and AICRP on   |
| how                         |   | Soybean, Kota  |
| Average yield               | :   | 20 q/ha  |
| Average cost of cultivation | :   | Rs. 25,000/ha  |
| Market rates of soybean     | :   | Rs. 3,850/q  |
| Net Profit                  |   | Rs. 44,300/ha  |
|                             | Education<br>Farming Experience<br>Address<br>Contact details<br>Total Land<br>Area under Soybean<br>Number of soybean varieties<br>grown<br>Name of soybean variety<br>Soybean yield ( <i>kharif</i> 2019)<br>Source of technology know-<br>how<br>Average yield<br>Average cost of cultivation<br>Market rates of soybean | Education:Farming Experience:Address:Contact details:Total Land:Area under Soybean:Area under Soybean varieties:grown:Name of soybean variety:Soybean yield (kharif 2019):Source of technology know-<br>how:Average yield:Average cost of cultivation:Market rates of soybean: |



- ◆ Use of FYM @ 6-10 t/ha and application of nutrition through Urea (44 kg/ha), and SSP @ 200 kg/ha
- Seed treatment with Carboxin +Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 6 g/kg seed
- Seed rate (100 kg/ha) with spacing of 30cm X 5cm
- ↔ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays of insecticides (1) Chlorantraniliprole @ 150 ml/ha and (2) Profenophos @ 1.25 l/ha using water @ 500 l/ha

## Kota, Rajasthan: Mr. Nandlal Meena

**43** 

| 1  | Age                         | :   | 40 yrs                   |
|----|-----------------------------|-----|--------------------------|
| 2  | Education                   | :   | <sup>10th</sup> Standard |
| 3  | Farming Experience          | :   | 10 yrs                   |
| 4  | Address                     | :   | Village-Balapura         |
| 5  | Contact details             | :   | 9929418371               |
| 6  | Total Land                  | :   | 6.0 ha                   |
| 7  | Area under Soybean          | :   | 5.0 ha                   |
| 8  | Number of soybean varieties | :   | 2                        |
|    | grown                       |     |                          |
| 9  | Name of soybean variety     | :   | JS 95-60                 |
| 10 | Soybean yield (kharif 2019) | ••• | 24 q/ha                  |
| 11 | Source of technology know-  | :   | ICAR-IISR and AICRP on   |
|    | how                         |     | Soybean, Kota            |
| 12 | Average yield               | :   | 20 q/ha                  |
| 13 | Average cost of cultivation | :   | Rs. 27,000/ha            |
| 14 | Market rates of soybean     | :   | Rs. 4,100/q              |
| 15 | Net Profit                  |     | Rs. 71,400/ha            |



- Use of FYM @ 8-10 t/ha and application of nutrition through DAP @ 90 kg/ha
- Seed treatment with recommended fungicide Carboxin + Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 6 g/kg seed
- ✤ Seed rate (100 kg/ha) with spacing of 30cm X 5cm
- ✤ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Chlorantraniliprole @ 150 ml/ha (2) Profenophos @ 1.25 l/ha using water @ 500 l/ha

## Kota, Rajasthan: Mr. Ramavatar Meena

44

| 1  | Age                                 | : | 50 yrs                   |
|----|-------------------------------------|---|--------------------------|
| 2  | Education                           | : | <sup>10th</sup> Standard |
| 3  | Farming Experience                  | : | 10 yrs                   |
| 4  | Address                             | : | Village-Balapura         |
| 5  | Contact details                     | : | 9928045791               |
| 6  | Total Land                          | : | 1.5 ha                   |
| 7  | Area under Soybean                  | : | 1.5 ha                   |
| 8  | Number of soybean varieties         | - | 3                        |
|    | grown                               |   |                          |
| 9  | Name of soybean variety             | - | RKS 113                  |
| 10 | Soybean yield ( <i>kharif</i> 2019) | - | 20 q/ha                  |
| 11 | Source of technology know-          | : | ICAR-IISR and AICRP on   |
|    | how                                 |   | Soybean centre Kota      |
| 12 | Average yield                       | - | 20 q/ha                  |
| 13 | Average cost of cultivation         | : | Rs. 24,000/ha            |
| 14 | Market rates of soybean             | : | Rs. 4,100/q              |
| 15 | Net Profit                          |   | Rs. 58,000/ha            |
|    |                                     |   |                          |



- Use of FYM @ 8-10 t/ha and application of nutrition through Urea (44 kg/ha), SSP (200 kg/ha) and MOP (66 kg/ha)
- Seed treatment with Carboxin +Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 6 g/kg seed
- Seed rate (80 kg/ha) with spacing of 30cm X 5cm
- Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- ✤ Two sprays (1) Chlorantraniliprole @ 150 ml/ha (2) Thicloprid @ 750 ml/ha using water @ 500 l/ha

## Kota, Rajasthan: Mr. Shivraj Mali

**45** 

| 1  | Age                         | : | 35 yrs                    |
|----|-----------------------------|---|---------------------------|
| 2  | Education                   | : | 12 <sup>th</sup> Standard |
| 3  | Farming Experience          | : | 15 yrs                    |
| 4  | Address                     | : | Village-Galana            |
| 5  | Contact details             | : | 9799489115                |
| 6  | Total Land                  | : | 4.0 ha                    |
| 7  | Area under Soybean          | : | 3.0 ha                    |
| 8  | Number of soybean varieties | : | 2                         |
|    | grown                       |   |                           |
| 9  | Name of soybean variety     | : | JS 95-60                  |
| 10 | Soybean yield (kharif 2018) | : | 24 q/ha                   |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on    |
|    | how                         |   | Soybean, Kota             |
| 12 | Average yield               | : | 20 q/ha                   |
| 13 | Average cost of cultivation | : | Rs. 25,000/ha             |
| 14 | Market rates of soybean     | : | Rs. 4,100/q               |
| 15 | Net Profit                  |   | Rs. 73,400/ha             |
|    |                             |   |                           |



- Use of FYM @ 8-10 t/ha and application of nutrition through Urea (44 kg/ha), SSP (200 kg/ha) and MOP (66 kg/ha)
- Seed treatment with Carboxin + Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum + PSB both @ 6 g/kg seed
- Seed rate (100 kg/ha) with spacing of 30cm X 5cm
- ◆ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Chlorantraniliprole @ 150 ml/ha and (2) Profenophos @ 1.25 l/ha using water @ 500 l/ha

# Kota, Rajasthan: Mr. Rajendra Nagar

**46** 

| 1  | Age                         | :   | 46 yrs                    |
|----|-----------------------------|-----|---------------------------|
| 2  | Education                   | :   | 10 <sup>th</sup> Standard |
| 3  | Farming Experience          | :   | 20 yrs                    |
| 4  | Address                     | :   | Village-Bhagwanpura       |
| 5  | Contact details             | :   | 8003838737                |
| 6  | Total Land                  | :   | 4.0 ha                    |
| 7  | Area under Soybean          | :   | 3.0 ha                    |
| 8  | Number of soybean varieties | :   | 1                         |
|    | grown                       |     |                           |
| 9  | Name of soybean variety     | :   | JS 95-60, RKS-45          |
| 10 | Soybean yield (kharif 2018) | ••• | 24 q/ha                   |
| 11 | Source of technology know-  | :   | ICAR-IISR and AICRP on    |
|    | how                         |     | Soybean, Kota             |
| 12 | Average yield               | :   | 20 q/ha                   |
| 13 | Average cost of cultivation | :   | Rs. 27,000/ha             |
| 14 | Market rates of soybean     | :   | Rs. 4,100/q               |
| 15 | Net Profit                  |     | Rs. 71,400/ha             |



- ✤ Application of FYM @ 8-10 t/ha and application of nutrition through DAP (90 kg/ha)
- Seed treatment with Carboxin + Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum both @ 6 g/kg seed
- Seed rate (100 kg/ha) with spacing of 30cm X 5cm
- ↔ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Chlorantraniliprole @ 150 ml/ha and (2) Profenophos @ 1.25 l/ha using water @ 500 l/ha

# Kota, Rajasthan: Mr. Surajmal Nagar

47

| 1  | Age                         | : | 48 yrs                    |
|----|-----------------------------|---|---------------------------|
| 2  | Education                   | : | 12 <sup>th</sup> Standard |
| 3  | Farming Experience          | : | 15 yrs                    |
| 4  | Address                     | : | Village-Bhagwanpura       |
| 5  | Contact details             | : | 9636470022                |
| 6  | Total Land                  | : | 4.0 ha                    |
| 7  | Area under Soybean          | : | 3.0 ha                    |
| 8  | Number of soybean varieties | : | 2                         |
|    | grown                       |   |                           |
| 9  | Name of soybean variety     | : | JS 95-60                  |
| 10 | Soybean yield (kharif 2018) | : | 20 q/ha                   |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on    |
|    | how                         |   | Soybean, Kota             |
| 12 | Average yield               | : | 15 q/ha                   |
| 13 | Average cost of cultivation | : | Rs. 25,000/ha             |
| 14 | Market rates of soybean     | : | Rs. 4,100/q               |
| 15 | Net Profit                  |   | Rs. 57,000/ha             |



- ◆ Use of FYM @ 8-10 t/ha and application of nutrition through Urea (44 kg/ha) and SSP (200 kg/ha)
- Seed treatment with Carboxin + Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum both @ 6 g/kg seed
- Seed rate (100 kg/ha) with spacing of 30cm X 5cm
- ↔ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Chlorantraniliprole @ 150 ml/ha and (2) Profenophos @ 1.25 l/ha using water @ 500 l/ha

# Kota, Rajasthan: Mr. Radheshyam Nagar

**48** 

| 1  | Age                                 | : | 56 yrs                   |
|----|-------------------------------------|---|--------------------------|
| 2  | Education                           | : | 8 <sup>th</sup> Standard |
| 3  | Farming Experience                  | : | 15 yrs                   |
| 4  | Address                             | : | Village-Bhagwanpura      |
| 5  | Contact details                     | : | 8955927678               |
| 6  | Total Land                          | : | 2.5 ha                   |
| 7  | Area under Soybean                  | : | 2.0 ha                   |
| 8  | Number of soybean varieties         | : | 2                        |
|    | grown                               |   |                          |
| 9  | Name of soybean variety             | : | JS 95-60                 |
| 10 | Soybean yield ( <i>kharif</i> 2018) | : | 20 q/ha                  |
| 11 | Source of technology know-          | : | ICAR-IISR and AICRP on   |
|    | how                                 |   | Soybean, Kota            |
| 12 | Average yield                       | : | 18 q/ha                  |
| 13 | Average cost of cultivation         | : | Rs. 27,000/ha            |
| 14 | Market rates of soybean             | : | Rs. 4,100/q              |
| 15 | Net Profit                          |   | Rs. 55,000/ha            |



- Use of FYM @ 8-10 t/ha and application of nutrition through Urea (44 kg/ha), SSP (200 kg/ha) and MOP (66 kg/ha)
- Seed treatment with Carboxin + Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum both @ 6 g/kg seed
- Seed rate (100 kg/ha) with spacing of 30cm X 5cm
- ✤ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Chlorantraniliprole @ 150 ml/ha and (2) Thiacloprid @ 750 ml/ha using water @ 500 l/ha

# Kota, Rajasthan: Mr. Kastur Chand Malav

**49** 

| 1  | Age                         | : | 47 yrs                   |
|----|-----------------------------|---|--------------------------|
| 2  | Education                   | : | 8 <sup>th</sup> Standard |
| 3  | Farming Experience          | : | 30 yrs                   |
| 4  | Address                     | : | Village-Kheda Rasulpur   |
| 5  | Contact details             | : | 8432140353               |
| 6  | Total Land                  | : | 2.0 ha                   |
| 7  | Area under Soybean          | : | 2.0 ha                   |
| 8  | Number of soybean varieties | : | 2                        |
|    | grown                       |   |                          |
| 9  | Name of soybean variety     | : | JS 95-60                 |
| 10 | Soybean yield (kharif 2018) | : | 19 q/ha                  |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on   |
|    | how                         |   | Soybean, Kota            |
| 12 | Average yield               | : | 18 q/ha                  |
| 13 | Average cost of cultivation | : | Rs. 27,000/ha            |
| 14 | Market rates of soybean     | : | Rs. 3,900/q              |
| 15 | Net Profit                  |   | Rs. 47,100/ha            |



- ◆ Use of FYM @ 8-10 t/ha and application of nutrition through DAP (90 kg/ha)
- Seed treatment with Carboxin + Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum both @ 6 g/kg seed
- Seed rate (100 kg/ha) with spacing of 30cm X 5cm
- ↔ Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Chlorantraniliprole @ 150 ml/ha and (2) Profenophos @ 1250 ml/ha using water @ 500 l/ha

# Kota, Rajasthan: Mr. Suresh Chand

50

| 1  | Age                         | : | 50 yrs                 |
|----|-----------------------------|---|------------------------|
| 2  | Education                   | : | Graduate               |
| 3  | Farming Experience          | : | 30 yrs                 |
| 4  | Address                     | : | Village-Balapura       |
| 5  | Contact details             | : | 9929479215             |
| 6  | Total Land                  | : | 3.5 ha                 |
| 7  | Area under Soybean          | : | 2.0 ha                 |
| 8  | Number of soybean varieties | : | 3                      |
|    | grown                       |   |                        |
| 9  | Name of soybean variety     | : | JS 95-60               |
| 10 | Soybean yield (kharif 2018) | : | 20 q/ha                |
| 11 | Source of technology know-  | : | ICAR-IISR and AICRP on |
|    | how                         |   | Soybean, Kota          |
| 12 | Average yield               | : | 18 q/ha                |
| 13 | Average cost of cultivation | : | Rs. 25,000/ha          |
| 14 | Market rates of soybean     | : | Rs. 4,100/q            |
| 15 | Net Profit                  |   | Rs. 48,800/ha          |



- Use of FYM @ 8-10 t/ha and application of nutrition through Urea (44 kg/ha), SSP (200 kg/ha) and MOP (66 kg/ha)
- Seed treatment with Carboxin + Thiram @ 3 g/kg seed and seed inoculation with Bradyrhizobium japonicum both @ 6 g/kg seed
- Seed rate (100 kg/ha) with spacing of 30cm X 5cm
- Use of POE herbicide Imazethapyr @ 1 I/ha using water @ 500 I/ha
- Two sprays (1) Chlorantraniliprole @ 150 ml/ha and (2) Profenophos @ 1250 ml/ha using water @ 500 l/ha

Indore, Madhya Pradesh: Mr. Banesingh Chauhan

**51** 

| 1  | Age                         | : | 65 yrs                     |
|----|-----------------------------|---|----------------------------|
| 2  | Education                   | : | LLB                        |
| 3  | Farming Experience          | : | 47 yrs                     |
| 4  | Address                     | : | Village-Lohari             |
| 5  | Contact details             | : | 9425046896                 |
| 6  | Total Land                  | : | 28.0 ha                    |
| 7  | Area under Soybean          | : | 25.0 ha                    |
| 8  | Number of soybean varieties | : | 6                          |
|    | grown                       |   |                            |
| 9  | Name of soybean variety     | : | JS 95-60, JS 20-98, JS 20- |
|    |                             |   | 69, RVS-76, 24, 2001-4,    |
|    |                             |   | RVS 18,                    |
| 10 | Soybean yield (kharif 2018) | : | 28 q/ha (JS 20-116)        |
| 11 | Source of technology know-  | : | ICAR-IISR , Indore         |
|    | how                         |   |                            |
| 12 | Average yield               | : | 24 q/ha                    |
| 13 | Average cost of cultivation | : | Rs. 24,000/ha              |
| 14 | Market rates of soybean     | : | Rs. 4,000/q                |
| 15 | Net Profit                  |   | Rs. 64,000/ha              |



- ◆ Use of FYM @ 3 t/ha and application of nutrition through NPK Mix (100 kg/ha)
- Seed treatment with Carboxin + Thiram @ 3 g/kg seed
- Seed rate (70-80 kg/ha) with spacing of 30cm X 5cm
- ✤ Use of PE herbicide Diclosulam (26 g/ha) using water @ 500 l/ha
- Four sprays (1) Indoxacarb @ 330 ml/ha), (2) Chlorantraniliprole @ 150 ml/ha and (2) Fluxapyroxad (167g/l) + Pyroclostrobin (333 g/l) and (4) Propiconazol @ 800 ml/ha using water @ 500 l/ha
- One manual weeding and one interculture operation

# Dewas, Madhya Pradesh: Mr. Yogendra Singh Pawar

52

| 1  | Age                          | • | 47 yrs                 |
|----|------------------------------|---|------------------------|
| 2  | Education                    |   | BE                     |
| 3  | Farming Experience           | : | 47 yrs                 |
| 4  | Address                      | : | Village-Bhatoni Parmar |
| 5  | Contact details              | : | 9926470064             |
| 6  | Total Land                   | : | 25.0 ha                |
| 7  | Area under Soybean           | : | 22.0 ha                |
| 8  | Number of soybean varieties  | : | 2                      |
|    | grown                        |   |                        |
| 9  | Name of soybean variety      | : | JS 95-60, JS 20-34     |
| 10 | Soybean yield ( kharif 2018) | : | 25 q/ha                |
| 11 | Source of technology know-   | : | ICAR-IISR, Indore      |
|    | how                          |   |                        |
| 12 | Average yield                | : | 22 q/ha                |
| 13 | Average cost of cultivation  | • | Rs. 24,000/ha          |
| 14 | Market rates of soybean      | : | Rs. 4,000/q            |
| 15 | Net Profit                   |   | Rs. 76,000/ha          |



- ◆ Use of FYM @ 4 t/ha and application of nutrition through Urea (50 kg/ha) and NPK Mix (100 kg/ha)
- Seed treatment with Carboxin + Thiram @ 3 g/kg seed
- Seed rate (80 kg/ha) with spacing of 30cm X 5cm
- ✤ Use of PE herbicide Diclosulam (26 g/ha) using water @ 500 l/ha
- Four sprays (1) Chloropyriphos @1.5 I/ha, (2) Profenophos @1.25 I/ha, and Chlorantraniliprole @ 150 ml/ha + fungicide using water @ 500 I/ha
- One hand weeding and two interculture operations

## Sehore, Madhya Pradesh: Mr. Sanjay Sharma

53

| Age                         | :   | 53 yrs   |
|-----------------------------|---|--|
| Education                   | :   | MA   |
| Farming Experience          | :   | 30 yrs   |
| Address                     | :   | Village-Pipliya Tis  |
| Contact details             | •   | 9425028726   |
| Total Land                  | •••   | 6.0 ha   |
| Area under Soybean          | •••   | 6.0 ha   |
| Number of soybean varieties | •••   | 3  |
| grown                       |   |  |
| Name of soybean variety     | :   | JS 20-34, RVS 2001-4,  |
|                             |   | JS 20-34   |
| ,                           | :   | 22 q/ha  |
| Source of technology know-  | :   | ICAR-IISR and AICRP on   |
| how                         |   | Soybean, Sehore  |
| Average yield               | :   | 20 q/ha  |
| Average cost of cultivation | :   | Rs. 25,000/ha  |
| Market rates of soybean     | :   | Rs. 3,800/q  |
| Net Profit                  |   | Rs. 58,600/ha  |
|                             | Education<br>Farming Experience<br>Address<br>Contact details<br>Total Land<br>Area under Soybean<br>Number of soybean varieties<br>grown<br>Name of soybean variety<br>Soybean yield ( <i>kharif</i> 2018)<br>Source of technology know-<br>how<br>Average yield<br>Average cost of cultivation<br>Market rates of soybean | Education:Education:Farming Experience:Address:Contact details:Total Land:Area under Soybean:Number of soybean varieties<br>grown:Name of soybean variety:Soybean yield (kharif 2018):Source of technology know-<br>how:Average yield:Average cost of cultivation:Market rates of soybean: |



- ◆ Use of FYM @ 5 t/ha and application of nutrition through DAP (75 kg/ha)
- Seed treatment with Carbendazim @ 2 g/kg seed
- Seed inoculation with *Bradyrhizobium japonicum* + PSB cultures both @ 5 g/kg seed.
- Seed rate (35-40 kg/ha) with spacing of 30cm X 8cm
- ✤ Use of POE herbicide Propaquizafop @1 I/ha using water @ 350 I/ha
- ✤ Two sprays of insecticides i.e. Triazophos (1 lit/ha) using 500 litres of water
- One manual weeding

## Sehore, Madhya Pradesh: Mr. Beniprasad Rai

**54** 

| 1  | Age                                 | : | 62 yrs                   |
|----|-------------------------------------|---|--------------------------|
| 2  | Education                           | : | B.Sc. (Agri)             |
| 3  | Farming Experience                  | : | 30 yrs                   |
| 4  | Address                             | : | Village-Bediya Khedi     |
| 5  | Contact details                     | : | 9644337884               |
| 6  | Total Land                          | : | 20.0 ha                  |
| 7  | Area under Soybean                  | : | 18.0 ha                  |
| 8  | Number of soybean varieties         | : | 6                        |
|    | grown                               |   |                          |
| 9  | Name of soybean variety             |   | JS 95-60, JS 20-34, RVS  |
|    |                                     |   | 2001-4, RVS 18, JS 20-98 |
| 10 | Soybean yield ( <i>kharif</i> 2019) | : | 22 q/ha                  |
| 11 | Source of technology know-          |   | ICAR-IISR and AICRP on   |
|    | how                                 |   | Soybean, Sehore          |
| 12 | Average yield                       | : | 27 q/ha                  |
| 13 | Average cost of cultivation         | : | Rs. 20,000/ha            |
| 14 | Market rates of soybean             | : | Rs 3,800/q               |
| 15 | Net Profit                          |   | Rs. 63,600/ha            |
| -  |                                     |   |                          |



- ◆ Use of FYM @ 6-7 t/ha and application of nutrition through SSP (375 kg/ha)
- Seed treatment with Carboxin + Thiram @ 2.5 g/kg seed
- Seed inoculation with *Bradyrhizobium japonicum* + PSB cultures both @ 5 g/kg seed.
- Sowing on BBF method
- Seed rate (50-70 kg/ha) with spacing of 45cm X 10 cm
- ✤ Use of POE herbicide Imazethapyr (1 I/ha) using water @ 500 I/ha
- Two sprays of insecticides ie. Profenophos (1.5 lit/ha) using water @ 500 l/ha
- One manual weeding



55

| 1  | Age                                 | : | 42 yrs                   |
|----|-------------------------------------|---|--------------------------|
| 2  | Education                           | : | 10th                     |
| 3  | Farming Experience                  | : | 20 yrs                   |
| 4  | Address                             | : | Village-Nignoti          |
| 5  | Contact details                     | : | 9826673999               |
| 6  | Total Land                          | : | 13.0 ha                  |
| 7  | Area under Soybean                  | : | 11.0 ha                  |
| 8  | Number of soybean varieties         | : | 5                        |
|    | grown                               |   |                          |
| 9  | Name of soybean variety             |   | JS 95-60, JS 20-34, RVS  |
|    |                                     |   | 2001-4, RVS 18, JS 20-29 |
| 10 | Soybean yield ( <i>kharif</i> 2018) | : | 28 q/ha (JS 95-60)       |
| 11 | Source of technology know-          |   | ICAR-IISR , Indore       |
|    | how                                 |   |                          |
| 12 | Average yield                       | : | 20 q/ha                  |
| 13 | Average cost of cultivation         | : | Rs. 20,000/ha            |
| 14 | Market rates of soybean             | : | Rs 4,000/q               |
| 15 | Net Profit                          |   | Rs. 68,000/ha            |
|    |                                     |   |                          |



- Use of FYM @ 12 t/ha and application of nutrition through Urea (44 kg) SSP (400 kg/ha) and DAP (70 kg/ha)
- Seed treatment with recommended fungicide Indofil + Xalora @ 2.5 g/kg seed
- Seed rate (60-75 kg/ha) with spacing of 30cm X 5 cm
- ◆ Use of POE herbicide Propaquizafop + Fenoxyprop ethyl (1 l/ha) using water @ 500 l/ha
- Three sprays (1) Chloropyriphos @ 1.5 l/ha and (2, 3) Combination spray of Celcron+Cypermethrin+ Cantaf using water @ 500 l/ha
- One intercultivation



56

| 1  | Age                               | : | 35 yrs  |
|----|-----------------------------------|---|---|
| 2  | Education                         | : | B.Sc.   |
| 3  | Farming Experience                | : | 21 yrs  |
| 4  | Address                           | : | Village-Didakhedi   |
| 5  | Contact details                   | : | 9826229267  |
| 6  | Total Land                        | : | 16.0 ha   |
| 7  | Area under Soybean                | : | 14.0 ha   |
| 8  | Number of soybean varieties grown | : | 6   |
| 9  | Name of soybean variety           |   | JS 95-60, RVS 2001-4, RVS<br>18, RVS 24, PS 1569, RVS<br>34 |
| 10 | Soybean yield (kharif 2020)       | : | 20 q/ha (RVS 18)  |
| 11 | Source of technology know-        |   | ICAR-IISR and AICRP on                                      |
|    | how                               |   | Soybean, Sehore   |
| 12 | Average yield                     | : | 20 q/ha   |
| 13 | Average cost of cultivation       | : | Rs. 25,000/ha   |
| 14 | Market rates of soybean           | : | Rs 3,500/q  |
| 15 | Net Profit                        |   | Rs. 45,000/q  |
|    |                                   |   |   |



- Use of FYM @ 10 t/ha and application of nutrition through SSP (375 kg/ha) and DAP (50 kg/ha) and Zinc Sulphate (10 kg/ha)
- Seed treatment with Carboxin+Thiram @ 2 g/kg seed
- Seed rate (62-75 kg/ha) using BBF planting system
- ✤ Spacing :30-35 cm X 8 cm
- ✤ Use of PE herbicide Diclosulam (26 g/ha) using water @ 500 l/ha
- Three sprays (1) Profenophos (1.25 lit/ha) and (2, 3) Chlorantraniliprole (150 ml/ha) using water @ 500 l/ha
- One intercultivation

## Indore, Madhya Pradesh: Rajesh Patel

5

| 1  | Age                                 | : | 40 yrs                    |
|----|-------------------------------------|---|---------------------------|
| 2  | Education                           | : | 10 <sup>th</sup> Standard |
| 3  | Farming Experience                  | : | 21 yrs                    |
| 4  | Address                             | : | Village-Arjun Baroda      |
| 5  | Contact details                     | : | 9893980649                |
| 6  | Total Land                          | : | 6.25 ha                   |
| 7  | Area under Soybean                  | : | 6.0 ha                    |
| 8  | Number of soybean varieties         | : | 2                         |
|    | grown                               |   |                           |
| 9  | Name of soybean variety             |   | JS 95-60, RVS 2001-4      |
| 10 | Soybean yield ( <i>kharif</i> 2018) | : | 18 q/ha (JS 95-60)        |
| 11 | Source of technology know-          |   | ICAR-IISR Indore          |
|    | how                                 |   |                           |
| 12 | Average yield                       | : | 18 q/ha                   |
| 13 | Average cost of cultivation         | : | Rs. 25,000/ha             |
| 14 | Market rates of soybean             | : | Rs 3,500/q                |
| 15 | Net Profit                          |   | Rs. 38,000/ha             |



- Use of FYM @ 10 t/ha and application of nutrition through SSP (375 kg/ha) and DAP (50 kg/ha) and Zinc Sulphate (10 kg/ha)
- Seed treatment with Carboxin+Thiram @ 3 g/kg seed
- Seed rate (62-75 kg/ha) using BBF planting system
- ✤ Spacing:(30-35 cm X 8 cm
- ✤ Use of PE herbicide Diclosulam (26 g/ha) using water @ 500 l/ha
- Three sprays (1) Profenophos (1.25 lit/ha) and (2 & 3) Chlorantraniliprole (150 ml/ha) using water @ 500 l/ha
- One intercultivation

## Indore, Madhya Pradesh: Mr. Meharban Singh

**58** 

| 1  | Age                                 | : | 40 yrs                    |
|----|-------------------------------------|---|---------------------------|
| 2  | Education                           | : | 10 <sup>th</sup> Standard |
| 3  | Farming Experience                  | : | 21 yrs                    |
| 4  | Address                             | : | Village-Arjun Baroda      |
| 5  | Contact details                     | : | 9993103070                |
| 6  | Total Land                          | : | 6.25ha                    |
| 7  | Area under Soybean                  | : | 6.0 ha                    |
| 8  | Number of soybean varieties         | : | 3                         |
|    | grown                               |   |                           |
| 9  | Name of soybean variety             |   | JS 95-60, RVS 2001-4,     |
|    |                                     |   | NRC 127                   |
| 10 | Soybean yield ( <i>kharif</i> 2020) | : | 24 q/ha (JS 95-60)        |
| 11 | Source of technology know-          |   | ICAR-IISR, Indore         |
|    | how                                 |   |                           |
| 12 | Average yield                       | : | 18 q/ha                   |
| 13 | Average cost of cultivation         | : | Rs. 25,000/ha             |
| 14 | Market rates of soybean             | : | Rs 3,500/q                |
| 15 | Net Profit                          |   | Rs. 59,000/q              |
| 15 | •                                   |   | · · · ·                   |



- Use of FYM @ 10 t/ha and application of nutrition through SSP (375 kg/ha) and DAP (50 kg/ha) and Zinc Sulphate (10 kg/ha)
- Seed treatment with recommended fungicide Thiophanate Methyl @ 3 ml/kg seed
- Seed rate (62-75 kg/ha) using BBF planting system
- Spacing : 45 cm X 8 cm
- ✤ Use of PE herbicide Diclosulam (26 g/ha) using water @ 500 I/ha
- Two sprays (1) Profenophos (1.25 lit/ha) and (2 & 3) Chlorantraniliprole (150 ml/ha) and using water @ 500 l/ha
- One intercultivation

# Indore, Madhya Pradesh: Mr. Mulchand Patel

**59** 

| 1  | Age                         | : | 82 Yrs                       |
|----|-----------------------------|---|------------------------------|
| 2  | Education                   | : | 5 <sup>th</sup> Standard     |
| 3  | Farming Experience          | : | 70 yrs                       |
| 4  | Address                     | : | Village-Katkatkhedi, Tehsil- |
|    |                             |   | Mhow                         |
| 5  | Contact details             | : | 9753087084                   |
| 6  | Total Land                  | : | 15.0 ha                      |
| 7  | Area under Soybean          | : | 15.0 ha                      |
| 8  | Number of soybean varieties | : | 4                            |
|    | grown                       |   |                              |
| 9  | Name of soybean variety     |   | JS 95-60, JS 20-34, JS 20-   |
|    |                             |   | 69, JS 20-98                 |
| 10 | Soybean yield (kharif 2018) | : | 20 q/ha (JS 20-69)           |
| 11 | Source of technology know-  |   | ICAR-IISR, Indore            |
|    | how                         |   |                              |
| 12 | Average yield               | : | 18q/ha                       |
| 13 | Average cost of cultivation | : | Rs. 20,000/ha                |
| 14 | Market rates of soybean     | : | Rs 4,000/q                   |
| 15 | Net Profit                  |   | Rs. 60,000/ha                |
|    |                             |   |                              |



- ✤ Application of FYM @ 10 t/ha
- Seed treatment with fungicide Thiram + carboxin @ 3 g/kg seed
- ✤ Application of nutrition through SSP (375 kg/ha) and DAP (50 kg/ha)
- Seed rate (80 kg/ha)
- ✤ Spacing with 30-35 cm X 5 cm
- ◆ Use of PE herbicide Diclosulam (30 g/ha) using water @ 500 l/ha
- ✤ Two sprays (1) Profenophos (1.25 I/ha) (2) Chlorantraniliprole (150 ml/ha) using water @ 500 l/ha
- One intercultivation

# Indore, Madhya Pradesh: Mr. Ravindra Thakur

60

| 1  | Age                         | ••• | 55 yrs                     |
|----|-----------------------------|-----|----------------------------|
| 2  | Education                   | :   | 10 <sup>th</sup> Standard  |
| 3  | Farming Experience          | :   | 45 yrs                     |
| 4  | Address                     | :   | Village-Semliya Chau,      |
|    |                             |     | Tehsil -Indore             |
| 5  | Contact details             | :   | 8085707810                 |
| 6  | Total Land                  | :   | 16 ha                      |
| 7  | Area under Soybean          | :   | 16 ha                      |
| 8  | Number of soybean varieties | :   | 4                          |
|    | grown                       |     |                            |
| 9  | Name of soybean variety     |     | JS 95-60,JS 93-05, RVS 18, |
|    |                             |     | 09,                        |
| 10 | Soybean yield (kharif 2020) | :   | 22 q/ha (RVS 18)           |
| 11 | Source of technology know-  |     | ICAR-IISR, Indore          |
|    | how                         |     |                            |
| 12 | Average yield               | :   | 18 q/ha                    |
| 13 | Average cost of cultivation | :   | Rs. 18,000/ha              |
| 14 | Market rates of soybean     | :   | Rs 3,500/q                 |
| 15 | Net Profit                  |     | Rs. 59,000/ha              |
|    |                             |     |                            |



- Practicing organic farming of soybean.
- Planting of marigold on border as catch crop
- Application of FYM @ 10 t/ha, Vermicompost @ 5 t/ha, Biogas slurry
  Seed treatment with Cow urine 150 ml + Hing 3 g/q seed
- Seed rate (70-75 kg/ha) using Ridge & Furrow planting system
- Spacing of 45 cm X 5 cm
- Weed control using two hand weeding
- Twelve sprays of insecticides (1) Neem seed (2) (Mattha) and Vanaspati (Ipomea/Karanj)
- Two intercultivation (Dora)

# Dhar, Madhya Pradesh: Mr. Arjun Chandel

61

| 1  | Age                                 | : | 34 yrs                         |
|----|-------------------------------------|---|--------------------------------|
| 2  | Education                           | : | 12 <sup>th</sup> Standard      |
| 3  | Farming Experience                  | : | 12 yrs                         |
| 4  | Address                             | : | Village-Takrawada,             |
|    |                                     |   | Tehsil-Badnawar                |
| 5  | Contact details                     | : | 9981482929                     |
| 6  | Total Land                          | : | 2.5 ha                         |
| 7  | Area under Soybean                  | : | 2.5 ha                         |
| 8  | Number of soybean varieties         | : | 2                              |
|    | grown                               |   |                                |
| 9  | Name of soybean variety             |   | JS 95-60, 1025                 |
| 10 | Soybean yield ( <i>kharif</i> 2020) | : | 24 q/ha                        |
| 11 | Source of technology know-          |   | ICAR-IISR, Progessive Farmers, |
|    | how                                 |   | Newspaper, TV                  |
| 12 | 2 Average yield                     | : | 20 q/ha                        |
| 13 | Average cost of cultivation         | : | Rs. 24,000/ha                  |
| 14 | Market rates of soybean             | : | Rs. 3,500/q                    |
| 15 | 5 Net Profit                        |   | Rs. 60,000/ha                  |
|    |                                     |   |                                |



- ✤ Application of FYM @ 10 t/ha
- Seed treatment with Thiophanate methyl 45%+Pyroclostrobin 5% @ 1.5 g/kg seed
- Seed rate (110 kg/ha)
- ✤ Spacing (30-35 cm X 8 cm)
- Three sprays of insecticides (1) Profenophos (1.25 lit/ha) (2) Chlorantraniliprole (150 ml/ha) + Profenophos (3) Clorantraniliprole + Profenophos+ Pyroclostrobin 23EC using 500 litres of water
- Two-three inter-cultivation

## Dewas, Madhya Pradesh: Mr. Ashok Chaudhary

62

| 1  | Age                         | : | 50 yrs                            |
|----|-----------------------------|---|-----------------------------------|
| 2  | Education                   | : | 8 <sup>th</sup> Standard          |
| 3  | Farming Experience          | : | 30 Yrs                            |
| 4  | Address                     | : | Village-Ratankhedi, Tehsil-Tonk   |
|    |                             |   | Khurd                             |
| 5  | Contact details             | : | 89599 72508                       |
| 6  | Total Land                  | : | 14.0 ha                           |
| 7  | Area under Soybean          | : | 13.0 ha                           |
| 8  | Number of soybean varieties | : | 3                                 |
|    | grown                       |   |                                   |
| 9  | Name of soybean variety     |   | RVS 18                            |
| 10 | Soybean yield (kharif 2020) | : | 15 q/ha                           |
| 11 | Source of technology know-  |   | ICAR-IISR, AICRPS-Sehore (RVSKVV) |
|    | how                         |   |                                   |
| 12 | Average yield               | : | 15 q/ha                           |
| 13 | Average cost of cultivation | : | Rs. 20,000/ha                     |
| 14 | Market rates of soybean     | : | Rs. 3500/q                        |
| 15 | Net Profit                  |   | Rs. 32,500/ha                     |
|    |                             |   |                                   |



- ✤ Application of FYM @ 2 t/ha
- Seed treatment with recommended fungicide Thiomethoxam @ 2.5 g/kg seed
- Seed rate (100 kg/ha) with spacing of 30 cm X 3 cm
- Three sprays (1) Profenophos (1.25 lit/ha) (2) Clorantraniliprole @ 75 ml/ha (3) Combination spray of Chlorantraniliprole (150 ml/ha) + Lambda cyhalothrin 75g/ha (4) Tebuconazol (1 kg/ha) + Solomon + 0:50:50 using water @ 500 l/ha
- Two inter-cultivation



# To be continued..... © ICAR-IISR, Indore, December 2020

67