

DRAFT MINUTES OF RABI CAMPAIGN-2017

The National Conference on Agriculture for Rabi Campaign-2017 was held on 19th and 20th September, 2017 at Vigyan Bhawan, New Delhi. The Conference was inaugurated by Shri Radha Mohan Singh, Hon'ble Union Minister of Agriculture and Farmers Welfare in the presence of Shri Gajendra Singh Shekhawat & Ms. Krishna Raj, Hon'ble Ministers of State for Agriculture and Farmers Welfare. Secretary, Department of Agriculture, Cooperation and Farmers Welfare chaired the conference and was attended by Secretary DARE and DG, ICAR, Agriculture Production Commissioners / Principal Secretaries/ Secretaries/Directors of the State Department of Agriculture/Horticulture and Agriculture Marketing, Senior Scientists from ICAR and other officials from line departments / agencies of Central / State Governments. List of participants is at **Annexure-I**.

2. Shri Utpal Kumar Singh, Additional Secretary, DAC&FW welcomed all participants and outlined an overview of Conference.

3. Secretary (AC&FW) in his address highlighted the fact that seven sutras of this Department encapsulate succinctly the full roadmap for doubling the income of farmers in the next five years. He expected State Governments to devise their own strategies in the light of the 7 sutras for agricultural development. He congratulated the farmers for their efforts in achieving a record production, particularly in pulses. He emphasised that states should take measures to bridge the yield gap among districts and States in a planned manner and also take steps to ensure that farmers are able to secure remunerative prices for their produce.

4. Shri Gajendra Singh Shekhawat, Hon'ble Minister of State for Agriculture and Farmers Welfare in his address highlighted the seven-point Action Plan prepared by Department of Agriculture, Cooperation & Farmers Welfare to achieve the aim of doubling the income of farmers. He suggested that urgent steps should be taken by state authorities to optimise input costs, step up micro irrigation, promote inter-cropping and integrated farming.

5. Ms. Krishna Raj, Hon'ble Minister of State for Agriculture and Farmers Welfare in her address highlighted that Animal Husbandry activities which contribute about 30% to the growth of agriculture need to be integrated with farming. She further suggested that activities like fisheries should be promoted and concerted efforts made for promotion of Organic Farming through Paramparagat Krishi Vikas Yojana.

6. In his inaugural address, Shri Radha Mohan Singh, Hon'ble Minister of Agriculture & Farmers Welfare applauded efforts of farmers, the Central and State Governments in attaining the highest ever production of more than 275 million tons of foodgrains and 32 million tons of oilseeds during 2016-17. The Minister referred to the quantum jump in pulses production from the previous record of 19.25 million tons in 2013-14 to 22.95 million tons during 2016-17. While sharing his concern over reports of excess rainfall and floods in Eastern and a few Western States during Kharif-2017, he urged the States to take timely mitigative measures and ensure timely supply of inputs keeping a larger area coverage in mind during the forthcoming Rabi season.

7. He further reiterated the commitment and priority of the Government to the agriculture sector which is evident from the budgetary allocation of

Rs. 62,376 crores for the current financial year. The Government has targeted increase in irrigation coverage, development of organic farming, distribution of Soil Health Cards to all farmers, risk coverage particularly of non-loanee farmers, strengthening of e-NAM, promotion of horticulture, dairy / animal husbandry / fisheries and other allied sectors. He reiterated that the States should ensure supply of quality seeds and other inputs to the farmers well in time. He emphasized that the new initiatives of the Government like Pradhan Mantri Krishi Sinchayee Yojana (PMKSY), Pradhan Mantri Fasal Bima Yojana (PMFBY), Paramparagat Krishi Vikas Yojana, Soil Health Scheme, Neem Coated Urea and E-National Agriculture Market Schemes can be game changers in our quest for doubling the income of farmers by 2022. Union Agriculture Minister urged State governments to adopt information technology through Kisan Call Centers, DD Kisan and use them in reaching out to more and more farmers. Hon'ble Minister also urged States to make the best use of the Pradhan Mantri Kisan Sampada Yojana, launched by Ministry of Food Processing Industries, in cold chain development and limiting post harvest losses.

8. The Union Agriculture Minister complimented the States for the achievements under the flagship programmes of DAC&FW in a short span of time and exhorted them to take purposeful steps for operationalization of DBT in various programmes.

9. Agriculture Commissioner made a detailed presentation on Kharif 2017 and prospects for Rabi 2017-18.

10. Presentations were made by Joint Secretaries in charge of flagship schemes of this Department viz., (i) Seed Quality and Seed Development, (ii) Market Integration through E-National Agriculture Market, (iii) Pradhan Mantri Fasal Bima Yojana, (iv) Soil

Health Card, (v) Rashtriya Krishi Vikas Yojana, (vi) Paramparagat Krishi Vikas Yojana, (vii) Horticulture/Post Harvest Losses and (viii) Pradhan Mantri Krishi Sinchai Yojana.

11. The representative of Government of Madhya Pradesh made a presentation on 'Price Deficit Financing Scheme' and requested State Governments to consider adoption of similar measures in their respective States. Dr. K. Satya Gopal, Principal Secretary in the Government of Tamil Nadu made a presentation on 'Water Management Strategy for Tree Based Systems' that may help in water conservation and eventual drought proofing of vulnerable districts.

12. Following eight Groups were constituted to facilitate focused deliberations on pre-identified topics:

- (a) Soil Health Card Scheme – Review and Improvements;
- (b) Increasing Coverage of Non-loanee Farmers, Area and Crops under PMFBY and use of Modern Technology for Greater Efficiency;
- (c) e-NAM-Ideas on Improvements;
- (d) Integrated Pest Management (IPM) – Approach for Sustainable Agriculture;
- (e) Management of Drought;
- (f) Review of Post Harvest Management (PHM) & Value Chain in the Country;
- (g) Drought Proofing of 30 Vulnerable Districts; and
- (h) Doubling Farmers' Income.

13. On the final day of the Campaign, recommendations of each of the 8 groups were presented in the plenary in the presence of Hon'ble MoS, Shrimati Krishna Raj. These recommendations were discussed in detail by the participants in the open house session. The group recommendations are at **Annexure-II**.

14. Secretary in his concluding remarks thanked all officers of States as well as DAC&FW for making the conference successful. He made an appeal to all present at the two day Conference to take up the task of doubling farmer's income by 2022 as a mission. He assured that sufficient funds are available for implementation of all the programmes and in this context, he referred to the Rs. 5000 crore corpus for Micro Irrigation. He drew the attention of all present to the schemes for promotion of Agro forestry, which can help farmers increase their income by harvesting of timber.

15. The Hon'ble Minister of State, Ms. Krishna Raj launched the Agriculture theme song and appreciated the fact that it was written, composed, and sung by Officers and Staff of the DAC&FW under the leadership of JS Administration, Shri P.K. Borthakur.

16. The conference ended with a concluding address by the Hon'ble Minister of State (Ms. Krishna Raj) who advised the States to firm up their Rabi strategies in which due importance should be given to integrated farming approach. She advised different Departments dealing with agriculture and allied sectors in the states to work in a planned and concerted manner since the monsoons have been generally favourable. She once again urged the states to ensure timely implementation of agricultural marketing reforms for ensuring remunerative prices to our farmers.

The Conference ended with a vote of thanks to the Chair by Joint Secretary (GC).

List of Participants in the National Conference on Agriculture

for Rabi Campaign-2017 held on 19 - 20th September 2017

at Vigyan Bhavan, New Delhi

MINISTRY OF AGRICULTURE & FARMERS WELFARE

1. Sh. Radha Mohan Singh, Hon'ble Minister of Agriculture & Farmers Welfare
2. Sh. Gajendra Singh Shekhawat, Hon'ble MoS
3. Ms. Krishna Raj, Hon'ble MoS
4. Sh. Shobhana K. Pattanayak, Secretary (DAC&FW)
5. Dr. T. Mahapatra, Secretary (DARE) & DG(ICAR)
6. Dr. Ashok Dalwai, CEO (NRAA)

DEPARTMENT OF AGRICULTURE, COOPERATION & FARMERS WELFARE

1. Ms. Sudha P. Rao, Pr. Advisor
2. Sh. Kumar Sanjay Krishna, AS&FA
3. Sh. Jalaj Srivastava, Addl. Secretary
4. Sh. U. K. Singh, Addl. Secretary
5. Dr. S. K. Mukherjee, Sr.ESA
6. Dr. B. Rajender, JS(Crops)
7. Dr. Tarsem Chand, JS(GC/PC)
8. Sh. P.K.Swain, JS (RKVY)
9. Ms. Chhavi Jha, JS(Policy)
10. Ms. A. Neeraja, JS (NRM)
11. Dr. Ashish K. Bhutani, JS(C&C)
12. Sh. Bore Thakur JS(Admn.)
13. Sh. K.S. Srinivas,JS(DM)
14. Dr. P. Shakil Ahmed, JS (MIDH)
15. Dr. Alka Bhargava, JS(Mktg)
16. Sh. Dinesh Kumar, JS(Policy & IT)
17. Sh. Ashwani Kumar, JS(PP & MT)
18. Sh. Amitabh Gautam, JS(Extn.)
19. Dr. B.N.S. Murthy, Hort. Commr.
20. Sh. P.Kohli, Chief Advisor, NCCD
21. Ms. Pushpa T. , Advisor, DES
22. Sh. G.S. Reddy, Trade Advisor
23. Ms. Pamaja Singh,Director(Credit)
24. Sh. Arun kumar, Director (Mktg)
25. Sh. Gajender Singh, Dir(Credit)
26. Dr. M.K. Srinivastav, Director NRAA

27. Dr. B.L. Saraswat, ED
28. Sh. S.N. Meena, Director(Adm),DMI
29. Dr. Manzoor Ahmad, Director(Hort. P&M)
30. Sh. S.S. Ray,Director, MNCFC
31. Dr. Chandramani Sharma, Director
32. Sh. V. N. Kale, Addl. Commr (M&T)
33. Sh. B. Rath, Addl.Commissioner
34. Sh. Virendra Singh, Addl. Commissioner
35. Dr. K.P. Wasnik, Addl.Commissioner (Extn)
36. Dr. RPS Deswal, Addl.Commr.
37. Sh. R.A.S. Patel, AC(NRM)
38. Dr. A.P. Singh, Addl. Commr.
39. Dr. Anupam Barik, Addl. Commissioner(Crops)
40. Dr. S.S. Tomar, ADC(INM)
41. Sh. M.N.Singh, Dy.Commr.
42. Sh.BVN Rao, Deputy Commissioner (RFS)
43. Sh. R.K. Mammain, Deputy Secretary (GC/PC)
44. Sh. P.C. Pande, Deputy Secretary(EA)
45. Dr. Rajni Taneja, DS(DM)
46. Smt. Sushila Ananth, DS(Policy)
47. Dr. Gajendra Singh, Dy AMA
48. Sh. Kedar Nath Verma, DS(Hort)
49. Sh. Vishal Gupta, M.O.
50. Ms. Preeti Taahlani, Scientist –D, MNCFC
51. Sh. Sunil Kumar Dubey, MNCFC
52. Dr. Vandana Diwedi, Addl. Comm.(INM)
53. Sh. Manish Saxena, National Consultant
54. Dr. Namita Bhuyan, Consultant(MIDH)
55. Sh. Bhajan Lal AC(NRM)
56. Dr.Man Singh, AC(NRM)
57. Sh. S.R.Kachru, Assistant Commissioner
58. Sh. J.P.Chaudhary, Assistant Commissioner (INM)
59. Dr. Maan Singh, Assistant Commissioner(NRM)
60. Dr. Mandela Verma, Asstt. Commr.
61. Sh. T.P. Singh, Asst. Commissioner
62. Sh. JM Pandey, Asst. Director
63. Sh. Ranvir Singh, Asstt. Director
64. Sh.Sushil Kumar,AD(BS)
65. Ms. Anupama Baluni, SSO(RKVY)
66. Ms. Anju Kapoor, Scientist –D/NIC
67. Ms. Tanu Dhawan, Scientist/NIC
68. Dr. B.S. Phogat, Addl.PPA
69. Sh. Rajesh Kr. Singh AD(Seeds)
70. Sh. Ashutosh Pandey, Tech. Asst.
71. Sh. Ashwani Kumar, Tech. Asstt.
72. Sh.Isapi Mukherjee, Tech Asstt.
73. Sh. Mukesh Kumar, Tech. Asstt.
74. Dr. Brihesh Kumar, STA(Seeds)
75. Sh.Sonu Chaudhary, STA(Seeds)

76. Sh.Mukesh Kumar, Tech.Asstt.
77. Sh, Ghanshyam Pandey, Tech.Asstt,
78. Sh. Amar Singh, Tech.Assistant
79. Sh. Niharika Shukla, Tech. Asstt.
80. Sh. Bappi Mukherjee, Technical Assistant
81. Sh. Sunny, SDC
82. Sh. Ram Nath, SDC
83. Ms. Sumantra. R, CDFI
84. Sh. Roy Mathew, CDFI
85. Ms. Neha Jain, CDFI
86. Dr. K.K. Dash, Joint Director(crops)
87. Sh. Sajit Kumar, Jt.Director
88. Dr. D.C.Rajak, Joint Director(E), DPPQ&S, Faridabad
89. Ms. Mala Mittal, Sr. Tech. Director(NIC)
90. Dr. Sanjay Arya, Deputy Director, DPPQ&S, Faridabad
91. Dr.Brijesh Tripathi, A.D, DPPQ&S
92. Sh. Sanjay Kumar, Dy.Commr. (Hort.)
93. Sh S. Selvaraj, Deputy Commissioner(Seeds)
94. Sh. Bhramar Jyoti Brahma, Deputy Commissioner
95. Dr. Subhash Chandra Ram, Deputy Commr(RFS)
96. Sh. R.P. Dubey, DIP Sajha madsad
97. Sh. P Saxena, CC(MIDH)
98. Sh. D.K. Tiwari, YP(MIDH)
99. Sh. Ram Naresh, US(GC)
- 100.Sh. A. K. Jha, US(Seeds)
- 101.Sh. S.R.Raja, US(PP)
- 102.Sh. Manoj Kumar Pathak, US(PC)
- 103.Sh. Vijay Soni, US(DMC)
- 104.Sh. B.K.Singh, US(Mktg)
- 105.Sh. V.K.Srivastava,US (RKVY)
106. Sh. B.P.Bimal, US(DM)
- 107.Sh. Harit Kumar Shakya, US (NRM/RFS)
- 108.Sh. B.K. Singh, US(M-I)
- 109.Sh. M. L. Atal, US (Extn.)
- 110.Sh. Abhijit Chakraborty, US (EA)
- 111.Sh Sabak Lal Prasad, US(IC)
- 112.Sh. MK Sahay, US(PP)
- 113.Sh. M.K.Mishra, US(MIDH)
- 114.Sh. Sachin Omsar,Ast.Secretary
- 115.Sh. Jogindra Singh, Asst. Secretary
- 116.Ms. Aashika Jain, Asst. Secretary
- 117.Sh. Ashish Kr. Rawal, Marketing Officer
- 118.Sh.Dilip Kumar Tiwari, MIDH
- 119.Sh. Sunil Kumar, AD(Credit)
- 120.Sh. J.N. Padhy, Asstt. Director
- 121.Sh.Binod Kumar, Dy.Director
- 122.Dr. Jasvir Singh, Dy.Director
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125.Sh. Rajendra Dhar Dwivedi, Addl. Director
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132.Sh. G. L. Madan, SO(PC)
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134.Smt. Madhu Handa, SO(Oilseed)
135.Sh. Swarnendu Singha, SO(MIDH)
136.Sh.Binod Kumar Yadav, SO(I&P)
137.Sh. Durgesh Gupta, SO(RKVY)
138.Sh. Binay Kumar Malangia, SO(NCF)
139.Sh. Avinash Pratap Singh, SO(E-II)
140.Sh. Sandeep Kumar Singh, SO(Vigilance)
141.Sh. P.S. Negi, SO (Oilseeds)
142.Sh. Amit Kumar Sharma, SO (Mktg)
143.Sh. K.C.Joshi, S.O.
144.Sh. Raju, ASO
145.Sh. Rakesh Kumar, ASO
146.Sh. S.K.Roy
147.Sh. Pankaj Sharma
148.Sh. S. Janakiraman, Consultant (DM)
149.Dr. P.K. Saha, National Consultant(NFSM)
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157.Ms. Neha Jain, Consultant
158.Sh. Prabhat Kumar, Consultant
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160.Sh. Dharmendra Kumar, SSA
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165.Sh. V.S. Pahil, National Consultant(NFSM)
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168.Sh. Harish C.KMahato, SCD
169.Sh. MD Rai,SCD
170.Sh. Shahmboo Kumar, SCD
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172.Sh. Hitesh Rana, Sr.Manager
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174. Sh. Deepak Sharma, Architect
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183. Sh. A.P.Singh
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1. Sh. Anand Sharma, SF/Regional Coordinator
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4. Shri Khagendra Sarma, No, Horticulture
5. Shri G.K. Mazarika, DDA(M)

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2. Sh. Ganesh Ram, Director.
3. Shri Ram Prakash Sahia, Jt. Director(Agri)
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4. Dr. S.R. Ratre, Addl. Director(Agri)
5. Sh. M.S. Kerketta, Director, Agri
6. Sh. B.K. Mishra, Dy.Dir(Agri)
7. Shri R.K.Chandrawama,Dy.Dir(Agri)
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9. Sh. C.B. Londhekar, J.D.A.

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1. Sh. Somvir Arya, Agronomist
2. Shri A.P.Saini, Jt. Dir(Agri)
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1. Shri Chintamani Perni, Dy.Dir.
2. SAMETI, Goa
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GUJARAT

1. Sh. Sanjay Prasad, Principal Secretary (Agriculture)
2. Shri A.K.Prajapati, Deputy Collector, Rev.Deptt.
3. Dr. P.M.Vaghasiya, Director, Horticulture
4. Sh. B.M. Modi, Director(Agriculture)
5. Shri B.A. Patel, Dy.Dir(Seed)
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7. Dr. A.M. Patel, SDAV
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1. Dr. Abhilash Likhi, Pr.Secy(Agri)
2. Sh. S.L.Punia, MD
3. Dr. Arjun Singh Saini, DG Horticulture
4. Sh. D.K.Behra, Director(Agri)
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13. Sh.Pratap Ram, DCM
14. Shri Satender Singh, SE
15. Shyam Sunder, DMEO, HSAMB
16. Satender Singh, HSAM Board
17. Shri Abhijeet Singh, MD, CGSAMB
18. Dr. Anil Kumar, Additional Director
19. Dr. Arjun Singh Saini, Director, Horticulture

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1. Sh. Anil Chauhan, Secretary, APMC, HP State Agri Mktg Board
2. Shri Prakash Kashyap, Secretary, APMC, Solan
3. Shri Arvind Metha, ACS, Agriculture
4. Shri Rajender Kumar Verma, Jt. Dir(Agri)
5. Dr. Ashok Verma, Vegetable Specialist
6. Ms. Pooja Lohia, HEO
7. Dr. Pooja Saini, HDO

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1. Sh.Sundeep Nayak, Pr.Secretary(Agri Prod)
2. Sh. H.K.Razdan, Director(Agri)
3. Shri Manzoor Ahmed Dadu, Director (Hort)
4. Sh. C.M. Sharma, Dy Director
5. Sh. J.S.Sodhi, Jt. Director
6. Sh. S Rai, Jt. Director(Agri)
7. Sh.Sonaullah, DAK Kashmir

JHARKHAND

1. Sh. Jata Shankar Choudhary, Additional Secretary
2. Sh. Rajeev Kumar, Jt. Commissioner
3. Shri Dharendra kumar Pandey, Dy.Director

KARNATAKA

1. Sh. Maheswar Rao, Secretary(Agri)
2. Sh. T.M. Vijay Bhaskar, ACS
3. Sh. G. Satish, Commissioner (Agri)
4. Sh. P.C.Ray, Commissioner (Horti)
5. Dr. G.S.Srinivas Reddy, Director, KSNDMC
6. Dr. Shivamurtherpa, Addl.Director(Agri)
7. Sh.K.B. Dundi, Addl. Director, Horticulture
8. Sh.H.S. Dearaja, Jt. Director(Agri)
9. Sh. M. Jayachandran, Tech. Officer

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1. Sh. Teekaram Meena, Principal Secy(Agri)
2. Sh. Janardhanan. S. Additional Director(Agri)

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1. Dr. Rajesh Rajora, Principal Secretary
2. Sh. P. Narahari, Secy, Revenue
3. Sh. Satyanand, Commissioner, Horticulture
4. Sh.B.L. Tyagi, ADA, Dte of FWRAD
5. Sh Mohan Lal, Director FWAD
6. Sh. Rajeev Chaudhary, Director Agri Engg
7. Sh. Vinay Nigam, AMD, MP Mandi Board
8. Sh. Gour, Dy.Dir(Agri)
9. Sh. Hari Babriwad, Dy.Dir
10. Sh. Ashok Bankhd Shye, Dy.Dir Agri
11. Dr. Vijay Agrawal, Dy.Dir.
12. Dr. G.S. Chouhan, Dy.Dir
13. Sh. B.M. Sahare, ODAFW

MAHARASHTRA

1. Sh. S.P.Singh, Commissioner, Agriculture
2. Dr. S.L. Jadav, Director of Agriculture
3. Sh. Uday Deshmukh, Chief Stat.
4. Shri H.P.Babtiwale, DDA
5. Dr. S.L. Jadav, Director of Agriculture

MANIPUR

1. Sh.Sushil Akhtar, ACS/Agri Maniur
2. Sh. Rajendra Singh, Director(Agri)

MEGHALAYA

1. Smt. PG Lynarh, Secretary, Meghalaya State Agri. Mktg. Board
2. Sh L.R.Dkhar, Asst. Director
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1. Sh. Lalhmingthanga, Secretary (Agri)
2. Sh. J. Rothanga, DD(Plng)
3. Ms. Mary Lallawmkimi, AEO

NAGALAND

1. Sh. T. Imkonglemba, Commissioner/ Pr. Secy Nagaland & APC
2. Sh. Imtitemjen, Addl. Director
3. Sh. M. Ben Yanthan, Jt Director (Agri)
4. Sh.S. Magh, Jt. Director (Agri)
5. Sh. Leikhopal Hakophing, Jt. Director

ODISHA

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2. Dr. S.K.Pattanaik, Agronomist
3. Sh. Hemanta Kr. Panda, Director, Tech. Soil Conservation
4. Dr. Ranjan Das, Nodal Officer (PMFBY)
5. Sh.. Jyoti Prakash Ray, Asst Refrigeration Engr.
6. Sh. Pravat Ranjan Mohapatra, Deputy Relief Commissioner
7. Sh. Suresh Chandra Pal, Dy Dir(Pulses)
8. Sh. Rajesh Das, Nodal Officer
9. Sh. B.K. Sara, Agronomist
10. Sh. Akshay Kumar Sahu, WMS
11. Sh. Sudhakar Sahoo, ADH
12. Sh. P.K. Paikray, Additional Director (Engg)
13. Sh. Premanda Khuntu, Director Agri Marketing
14. Ms.. Sadhana Sahai, Asst. Dir. (Horti)
15. Sh. Sakshidananda Panda, PPO
16. Sh. Rajesh Kumar Gupta, JDA
17. Sh. A.K. Mohanty, JDA

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2. H. Jakir Hussain, Deputy Director(Agri)
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2. Sh. S.K. Hudda, Jt. Director (Agri)
3. Sh. Ajay Kumar Pachori, Jt. Dir(Agri)

4. Dr. P.K.Agarwal, Dy.Dir(Agri)
5. Sh. B.L. Sharma, Dy. Dir (Agri)
6. Sh. R.D.Yadav, Asst. Dir (Hort.)
7. Sh. Devaraj, Jt. Director
8. Sh. S.S. Chaturvedi, Jt. Dir Agri(Crops Insurance)

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2. Sh. Kiran Pradhan, Director (Agri)
3. Sh. K.B.Pant, Director (Agri)
4. Sh. T.P. Bhutia, Addl.Director (Hort)
5. Sh. Rajender Kumar Khandelwal, Jt. Dir(Agri)

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2. Dr. K. Satya Gopal, Pr.Secy/Comm. Dev. Advisor
3. Sh. Rajendra Ratnoo, Commissioner, Dir Management
4. Dr. P.S. Aglakm, Director Hort.
5. Sh. R. Raghuraman, Addl.Dir(Agri)
6. Sh.C. Kaningston, Addl.Dior(Agri)
7. Sh. M. Narayanasamy, Addl.Director(Agri)
8. Shri A.B. Rafiulla, Asst. Dir(Agri)
9. Shri P. Venkatachalapathy, Asst. Dir(Agri)
10. Sh. K.Rasu, Dy.Dir(Agri/PP)
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2. Sh. L. Venkat Reddy , Commissioner, Horticulture
3. Sh. M.V. Madhusudhan, Dy.Dir(Hort.)
4. Ms. G. Leela Bai, Director, Mktg
5. Sh. Joshi Babu, L.O.

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UTTAR PRADESH

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2. Shri R.P.Singh, APC
3. Shri Soraj Singh, Director (Agri)
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5. Dr. NLM Tripathi, Dy.Dir . Horticulture,

6. Shri Balbeer Singh, Project Director, SDMA
7. Sh. Rajesh Gupta, Jt. Director
8. Mohd. Arif. Siddiqui, ADA (Extension)
9. Dr. B.P.Singh, ADA Seeds Forum
10. Dr. C.P. Srivastava, DDA
11. Dr. R.S.Jaiswara, ADA
12. Sh. R.S. Jaiswar, Addl.Director
13. Sh. Rajendra Dhar Dwivedi, Addl.Director(PP)
14. Sh. R.S.Dixit, Enginner
15. Sh. Virendra Kumar Dy Director
16. Sh. Brijesh Kumar, Dy.Director
17. Dr. N.L.M. Tripathi, Deputy Director, M.I., Horticulture & FP.
18. Sh.C.P.Singh
19. Sh.Chaman Singh

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2. Sh. Gauri Shankar, Dir. Agri.
3. Dr. Ajay Sharma, JDA(S)
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PRESS

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2. Sh. Ashok Kumar, DSNG Engr. DD News
3. Mohd. Anas Siddiquei, Chief Reporter, Voice of Politics
4. Ms. Anita Dey, Correspondent
5. Sh. Saurabh Katkurwa, Reporter
6. Sh. Naveen Yadav, Asst. ANI
7. Sh. Kishan Agrawal, Reporter Hariboomi
8. Sh. Kaushal Verma , Sr. Correspondent
9. Sh. Amit Goyal Photographer
10. Ms. Shilpa Sharma, SO. Correspondent
11. Sh. Bhan Singh, Camera Asst. ETC
12. Sh. A.A. Khan, Editor, Rashtraya Pukar
13. Sh. B.K.Santosh, Reporter, DD
14. Sh. Ankit
15. Sh S.K.Agrawal
16. Sh. Athul Sharma, JST
17. Sh Syed Hamid Ali
18. Sh. Jamvdan

19. Sh. Vijay K.P Journalist
20. Ms. Kashmira, Photographer
21. Ms. Madhvi Sally Spl. Correspondent ET
22. Sh. SK Misra, Sr. Reporter
23. Sh. Nirmesh Singh, Editorial Agri Nation
24. Sh. Ajit Kumar, Editor, RAD, ANCE
25. Sh TV Jayan. Sr. Deputy Editor
26. Sh. Subhash Nigam, Dy. Bureau Chief, Hindustan Samachar
27. Sh. Praney Sharma, Correspondent, JK 24x7 News
28. Sh. Kanhaiya Singh, Correspondent, JK 24x7 News

**Recommendations made by groups in the National Conference
on Agriculture for Rabi Campaign, 2017.**

Group -1: Soil Health Card Scheme – Review and Improvements

- Enhancement of testing capacity through ICP technique with auto sampler, digital burette need to be explored.
- Awareness of agriculture input dealers regarding use of SHC through DESI training programmes are needed.
- Incentives like awards to Fertiliser detailers involved in motivating the farmers should be given.
- Pre-requisite of Soil Health Card for availing subsidies under present ongoing schemes may be made.
- Need to incentivise the farmers adopting soil health card recommendation in excess use areas.
- SAU's need to support SHC programme in big way as they have good infrastructure.
- The printing charge Rs.50/- per grid for SHC should be increased.
- The deficient elements should be marked by red colour on SHC.
- Recommendations of organic fertilizer dosage should be indicated on soil health cards.
- Village should be adopted by KVK's for follow up of SHC recommendations.
- Provision for publicity through print and electronic media should be made.
- Dedicated personnel at Kisan Call Centres should be deployed to attend SHC queries by farmers.
- Provision should be made for export of data in excel format for the farmers registered in particular district/taluka/village- on SHC portal.
- Distribution of SHC should be made by organizing farmers's meeting in village and there should be follow up meeting also.

Group-2: Increasing Coverage of Non-loanee Farmers, Area and Crops under PMFBY and use of Modern Technology for Greater Efficiency

- The Crop Insurance Portal & CCE-Agri App need to be firmed up
- Provision of “Exit” & “Penalty” Clause may be made for defaulting companies etc.
- States should be given more operational flexibility in deciding Cut-Off dates.
- Provision of Administrative cost (@1% of Central Share) should be made.
- The programme should be operated on 60:40 (CS:SS) basis like all other Centrally Sponsored Schemes. However, for J&K other hilly states it should be 90:10.
- Need to incorporate new risk scenarios in guideline i.e. Wind damage (Lodging), Damage due to wild animals etc.
- CCE Form need to be redesigned and simplified by DES/NSSO.

Group-3: e-NAM-Ideas on Improvements

- Real time online bidding and Digital payments to farmers need to be encouraged and incentivized.
- Need to strengthen and modernize labs for quick, reliable and replicable results.
- There is a need for Setting up a Central Authority (dispute redressal) for better Implementation.
- Need to move from closed tender to open auction.
- Need for Strengthening infrastructure including connectivity at all places.
- Inter mandi trade should graduate to Inter State trade.
- Warehouses and other storage godowns to be declared as market sub yards – eNWR.
- Need to adopt model APLM Act, 2017 urgently since there are a number of enabling provisions for achieving the objectives of eNAM in the true spirit.
- Challenges in the implementation of NAM like legal issues, infrastructure availability, revenue sharing, grades and standards, aggregation of farmers produce and getting all the stakeholders on the same platform should be worked out by the States to continue to achieve the vision of a unified and common market.

- Integration of services like warehousing, banking, insurance, finance etc should be brought into the NAM concept
- NAM is a vision that will have to be implemented in a phased manner. The various components of market, scale of operation, price discovery, transparency, market information, price signals, legal framework and system have to be arrived over a successive period of time within timeline.

Group-4: Integrated Pest Management (IPM) - Approach for Sustainable Agriculture

- Priority should be given to pest surveillance.
- Systematic monitoring of insect pests /diseases should be made.
- Timely forewarning for effective management of pests should be given.
- Need to augment and Conserve Natural enemies.
- Production and releases of bio-control agents should be explored.
- Need to strengthen State bio-control laboratories.
- Emphasis may be laid on seed treatment with bio-pesticides /fungicides.
- Quality control of bio-pesticides should be ensured.
- Human resource development should be integrated in IPM of agricultural extension officers.
- Need to increase FFS activities.
- Season-long training and orientation programmes should be enhanced.
- Positioning of IPM trained personnel should be for IPM activities .
- Participation of NGOs /Panchayat Raj Institutions, private entrepreneurs in all IPM programmes should be ensured.
- Translation of 87 IPM package of practices should be made in local languages.
- Need to explore regulated sale of Pesticides.

Group-5: Management of Drought

- States need to follow the Drought Manual for Drought Declaration. The manual has provided an effective guidance in the scientific monitoring and determination of drought.
- For Moderate Drought situation SDRF can be used.

- States are expected to participate in the weekly video conference, conducted by the Ministry.
- Flexi fund available with States from Centrally Sponsored Schemes may be used for Drought mitigation.
- Need to promote the utilization of Crisis Management Plans and Crop Contingency Plans for drought management.
- There is need to have a brainstorming workshop on redefining the values of Soil moisture based indices.
- The area, which experience successive droughts, may be treated differently.
- IMD may develop SPI at block/Taluk level.
- Automatic data sharing from IMD is required.
- There is a need to enrich state agencies for soil moisture index computation
- There is a need for developing an App at national level to collect Ground truth Data.
- States need to establish AWS/ARG, at least, at block level for better assessment of drought at sub district level.
- Every State needs to develop a Drought Monitoring Centre in the lines of Karnataka State. The Central Government should promote this.
- A National Drought Monitoring Centre may be established to support the states in Drought Assessment.

Group-6: Review of Post Harvest Management (PHM) & Value Chain in the Country

- Need for adequate processing facilities which are capable of processing multi-commodities.
- Technology for utilization of by-products of processing units (Grape seeds, pomegranate peel, rind of citrus, etc) should be promoted.
- Need for validation of technologies and chemicals for increasing shelf life of perishables, like shrink wrapping, 1-Methylcyclopropene, nano-technology.

- Capacity building and skill development for the staff/manpower related to PHM should be strengthened.
- Exposure/Organization of International Expo on PHM technologies—latest grading-packing equipments, cold storage technologies should be made.
- Tracking of humidity and temperature using sensors on real time basis during transportation of produce need to be promoted.
- Need for upward revision of assistance to Ripening chamber.
- Unit cost for PHM components needs a revision.
- Minimum capacity of reefer van to be reviewed to facilitate floriculture and low-volume-high-value horti-products.
- Need to Incentivize FPOs for creation of PHM infrastructure.
- Synergy should be made with other schemes like SAMPADA of MoFPI.
- Use of alternate energy sources in PHM may be promoted - Solar Vending Carts, on farm cold stores.
- PHM/Value addition infrastructure on custom hiring basis as tried in M.P should be replicated.
- Larger PHM infrastructure on rental model as rolled out in Haryana should be replicated.
- PPP-IHD (Public Private Partnership Integrated Horticulture Development) model for production, marketing and PHM infrastructure as done in Karnataka & Maharashtra should be adopted.
- Development of Crop specific value addition technologies - creation of infrastructure like washing, grading, pre-cooling, packaging, traceability, branding of produce and linkages with market should be supported.
- Most of the equipments for PHM and value addition attract high rate of GST / or imported with high duty should be addressed.
- Agriculture Power Tariff / preferable tariff may be applicable to PHM projects.
- More institutes need to be identified for testing of PHM technology (CIPHET, Ludhiana is at present the solitary institute).
- States may prepare 5 year term plan based on production, surplus availability and post harvest infrastructure.

- Multi-modal logistics should be explored for quickest movement of commodities with detailed production and movement plan for the region /season across the country.
- Crop-specific and cluster based value chain mapping should be adopted for identifying gaps.
- Farmers-Market linkage to be given due importance.
- Integrated Pack House may be promoted based on clusters.
- Pan-India demand forecast and production strategy should be evolved.

Group-7: Drought Proofing of 30 Vulnerable Districts

- State Departments of agriculture and horticulture should have field visits and interaction with more than 48K farmers of Andhra Pradesh to acquaint with the success of Zero-Budget Natural Farming (ZBNF) system in Andhra Pradesh and in certain locations of Telangana, Maharashtra and Karnataka.
- Need to enhance NF practices by scientifically validated ecological engineering practices (solar light traps, mycorrhizha cultures, biological control (entomopathogenic nematodes) etc.
- Scientific evidences for enhanced fertility, climate resilience, reduction in GHGs and enhanced carbon sequestration be built by involving national and international research organizations
- ZBNF practices need to be focused as an option for drought proofing mechanism in areas having proven benefits.
- Acceptability of technological interventions by farmers need to be ascertained.
- Policy support and funding for implementation of action plans should be provided.
- A digital database should be generated for frequent updation
- Need to use available information on Length of crop growing period

Group-8: Doubling Farmers' Income

- For increasing productivity of crops availability of good quality of inputs including seeds, application of short duration high yielding varieties; increase in SRR of hybrid seeds; promotion of farm mechanization; Integrated Nutrient

Management practices; Integrated Pest Management practices; increasing irrigation facilities & enhancing water-use efficiency; adoption of DSR/Zero Tillage/SRI should be ensured.

- Cropping intensity should be increased according to land capability, irrigation and other facilities and farm plan should be prepared for Kharif, Rabi and Garma for 03 years and short duration hybrid/HYV seeds, rice fallow land, Rice-Makhana cropping System should be used.
- In order to create marketing facilities for getting best recovery price of produce, implementation of e-NAM, formation of FPO/Farmers' Co-operative Societies, creating more marketing channels (PS UP), market-oriented variety wise cultivation (by J&K), assured price scheme (by AP), effective procurement strategies to procure on MSP (Rajasthan) are to be adopted. Further, trading policies should be farmer-oriented and price-deficit financing scheme by M.P. should be emulated.
- Diversification of cropping system with high value crops such as cash crops- sugarcane, betel leaf and vegetables and spices- turmeric, ginger, coriander, garlic, ajwain and saunf; mushroom Cultivation and rearing of honey bee need to be promoted.
- Need to promotion integrated farming system through synergise blending of crops/horticulture, dairy, fishery, and poultry to provide regular income.
- Protected cultivation of vegetables and flowers with Micro irrigation should be supported.
- Value-addition through storage , processing , pack house , referral van , ripening chamber , warehouses , cold chain & marketing , etc., should be ensured.
- Management of post-harvest losses for horticultural crops need to be strengthened.
- For reducing cost of production, provision of subsidy on farm inputs , HYV/ hybrid variety of seeds, mechanization need to be enhanced and use of green manuring e.g. Dhaincha, Moong, Cowpea, Sunhemp etc; application of balance dose of fertilizer on the basis of soil health card ; provision of subsidy on diesel; promotion of custom hiring system; use of bio fertilizers e.g. Rhizobium, PSB, Azotobactor, Azolla, Blue green Algae, Mycorrhiza; subsidy of transport; use of Gobar/Bio gas; ppromotion of zero tillage technology; promotion of DSR ; use of

Organic fertilizers and Manures; formulation of Land Leasing Act ; digitization of Land Records; certificate of cultivation for tenant farmers by AP; provision for practicing kitchen gardening for Urban households and poor people; implementation of Pradhan Mantri Fasal Bima Yojana (PMFBY) ; regular region wise weather forecasting should be promoted.
