

**MINUTES OF THE 46TH STATE VARIETY RELEASE COMMITTEE MEETING HELD
ON 22-12-2015 AT CHENNAI**

The 46th State Variety Release Committee Meeting was held on 22-12-2015 in the Agriculture Conference Hall, Secretariat, Chennai-9. The list of participants is appended.

The Chairman welcomed the members of the State Variety Release Committee.

The Committee, after detailed discussion, confirmed the 45th State Variety Release Committee Meeting minutes. The Director of Agriculture briefed about the subjects in the Agenda and invited the research personnel concerned to present the details of the crop varieties proposed for release during 2016.

Then the concerned Professors/ Breeders have presented the salient features of the following crop varieties:-

1.Crop: Pearl Millet CO-10

This culture is suitable for both rainfed and irrigated conditions in Tamilnadu. This new composite recorded a mean yield of 3526 Kg/ha under irrigated conditions and 2923 Kg/ha under rainfed conditions. This composite is medium in duration, high yielding, resistant to downy mildew, compact earhead, bold grain and non lodging. The protein content is high(12.07%) and suitable for consumption.

The Committee, after detailed discussion, approved Pearl Millet CO 10 variety for release.

2.Crop: Blackgram VBN 8

This culture is a high yield with resistance to Mung yellow mosaic virus, resistant to leaf crinkle and moderately resistant to Powdery Mildew diseases in both Kharif and Rabi seasons. Semi erect and determinate plant type, non-shattering, synchronised maturity and good battering quality. It has higher protein content of 21.9%. Suitable for Adi pattam and Purattasi pattam under rainfed and irrigated conditions.

The Committee, after detailed discussion, approved Blackgram VBN 8 variety for release.

3.Crop: Groundnut VRI 8

This culture is suitable for all the Groundnut growing districts of Tamilnadu. It is the high yield Genotype with medium bold pods and kernels. The pod and kernel

characteristics of this culture are most acceptable to farmers and traders. The shelling outturn and oil content are 70 % and 49 % respectively. It represents an increased pod yield of 22 per cent over VRI Gn 6 during rainfed situation. Similarly, under irrigated condition the yield is 26.6% more than VRI Gn6.

The Committee, after detailed discussion, approved Groundnut VRI 8 variety for release.

4.Crop: Cotton Co 14

This culture is a high yielder with a seed cotton yield of 1768 kg/ha. and moderately resistant to Alternaria leaf spot. Attractive large boll size and extra long staple cotton (span length-35.0 mm). It has good ginning outturn (34.8%). This culture recorded 23.4g /tex of fiber strength and capable for spinning upto 70's counts. .

The Committee, after detailed discussion, approved Cotton Co 14 variety for release.

5.Crop: Sugarcane Co 0212

This clone has recorded the higher cane yield and sugar yield when compared to the check variety Co 86032 under drought conditions (Critical period of water requirement; stressed for 90 days of formative/ tillering phase). It is a midlate variety. Wider adaptability and stability in yield and quality performance. The clone is an erect, non lodging and high tillering with good rationing ability. Tolerance to water stress and moderately resistant to red rot disease.

The Committee, after detailed discussion, approved Sugarcane CO 0212 variety for release.

6. Crop: Cowpea Co-9

This fodder Cowpea is shorter in duration (50-55 days) moderately resistant to yellow mosaic virus and resistant to major pests. This has higher protein content (21.56%) which is 2% more than Co (FC) 8. It has more number of branches with broader leaves, reduced fiber portions confer increased digestibility, palatability and intake rate, which is suited for inter cropping with Sorghum and Maize

The Committee, after detailed discussion, approved Cowpea Co-9 variety for release.

7.Crop: Bhendi Hybrid Co 4

The bhendi hybrid has been found to be high yielder and resistant to yellow vein mosaic disease and suitable for cultivation all over Tamil Nadu. It is suitable for successful cultivation during summer months also because of resistance to yellow vein mosaic virus. The fruits are dark green, medium size and long, having high consumer preference. This hybrid is suitable for cultivation under irrigated condition during Kharif and Summer seasons.

The Committee, after detailed discussion approved Bhendi Hybrid Co 4 variety for release.

8. Crop: Lime VRM -1

This variety possesses special advantages of high yield ability with cluster bearing habit, complete resistant to canker and leaf miner and moderately resistant to citrus butterfly. Lime VRM-1 is unique in nature for its Aroma. Fruits have high Ascorbic acid, Vitamin-C and Citric Acid content. The mineral contents like Potassium, Calcium and Phosphorous are 4 -5 times higher than common lemon. This variety is ideal for home garden. Fruits are ideal for juice making, cooking and pickle preparation.

The Committee, after detailed discussion, approved the Lime VRM-1 variety for release.

Finally, the Director of Research, Tamil Nadu Agricultural University thanked the Agricultural Production Commissioner and Secretary and other members of the Committee before the meeting was concluded.

S.VIJAYAKUMAR
 AGRICULTURAL PRODUCTION COMMISSIONER
 AND SECRETARY TO GOVERNMENT AND
 CHAIRMAN, STATE VARIETY RELEASE COMMITTEE

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Jan. 4/11/2016
 SECTION OFFICER

4/11/16

Minutes of the 32nd State Seed Sub-Committee for Agricultural crops Meeting held on 22-12-2015 at the Agriculture Department Conference Hall, Secretariat, Chennai-9

The 32nd State Seed Sub-Committee Meeting for Agricultural Crops was held under the Chairmanship of Agricultural Production Commissioner and Secretary to Government, Agriculture Department.

The list of participants is annexed.

The Director of Agriculture welcomed the participants and Agenda items were presented before the Committee.

Agenda - I

Confirmation of the minutes of the 31st State Seed Sub-Committee meeting for Agricultural Crops.

The Committee has confirmed the minutes of the 31st State Seed Sub-Committee meeting held on 11-8-2015.

Agenda-II

The follow up action taken on the minutes of the 31st State Seed Sub-Committee meeting was briefed before the Committee.

Agenda- III

The Director of Research, Tamil Nadu Agricultural University and the concerned Professors / Breeders, Tamil Nadu Agricultural University, Coimbatore have made a power point presentation on the special features of the following varieties approved in the 46th State Variety Release Committee Meeting held on 22-12-2015 :-

| Sl.No. | Crop | Variety |
|--------|--------------|---------|
| 1 | Pearl Millet | CO 10 |
| 2 | Black Gram | VBN 8 |
| 3 | Groundnut | VRI 8 |
| 4 | Cotton | CO 14 |
| 5 | Sugarcane | CO 0212 |
| 6 | Cowpea | CO 9 |

After detailed discussion, the Committee decided to recommend the above 6 varieties presented before it, for release and notification during the year 2016 and also suggested to forward notification proposals of these varieties as per the prescribed norms to Central Seed Sub-Committee.

Suggestions of the Committee:-

1. The Chairman suggested the proposals for notification of these varieties should be sent to Government of India early for getting notification and also to ensure timely inclusion of these new varieties in the seed supply chain.

(Action – DOA / TNAU)

2. The Chairman also suggested that action may be taken to multiply these new varieties pending notification so that seeds can be supplied for further multiplication and distribution to the farmers instantly on receipt of notification from Central Seed sub Committee.

(Action – DOA / TNAU)

3. The Chairman instructed that the State Seed Sub Committee for horticultural crops has to be constituted early, so that the varieties released during previous years can be notified early.

(Action – DOH / TNAU)

S.VIJAYAKUMAR
 AGRICULTURAL PRODUCTION COMMISSIONER
 AND SECRETARY TO GOVERNMENT AND
 CHAIRMAN, STATE SEED SUB-COMMITTEE FOR
 AGRICULTURAL CROPS

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Dr. Vijayakumar
 SECTION OFFICER

[Signature]
 4/1/16

The list of participants for the 46th State Variety Release Committee and 32nd State Seed Sub-Committee for Agricultural crops meeting held on 22.12.2015

| S.No. | NAME AND DESIGNATION |
|-------|---|
| 1 | Dr.S.Vijayakumar, I.A.S., Agricultural Production Commissioner and Secretary to Government. |
| 2 | Thiru. P.N.Vedamarayanan, I.A.S., (Retd.) Ex- Vigilance Commissioner. |
| 3 | Dr.M.Rajendran,I.A.S., Director of Agriculture |
| 4 | Thiru.C.Rajendran, I.A.S., Joint Secretary to Government, Agriculture Department. |
| 5 | Dr.K.Ramasamy, Vice Chancellor, Tamil Nadu Agricultural University, Coimbatore. |
| 6 | Thiru.K.B.Ramakrishnan, Chief Engineer (Agricultural Engineering), Agricultural Engineering Department. |
| 7 | Thiru R.Sampath, Deputy Secretary to Government, Agriculture Department, Chennai-9. |
| 8 | Thiru P.S.Karunakaran, Additional .Director of Agriculture (Seeds)(i/c), Directorate of Agriculture, Chepauk, Chennai-5. |
| 9 | Thiru.A.J.Jagdeesh Kumar, Joint Director of Horticulture, Directorate of Horticulture and Plantation Crops, Chennai. |
| 10 | Dr.M.Ravichandran,Dean (i/c), Faculty of Agriculture, Annamalai University. |
| 11 | Dr Baskaran, Special Officer, Seed Unit, Tamil Nadu Agricultural University, Coimbatore. |
| 12 | Dr. M.Maheswaran, Director of Research (i/c), Tamil Nadu Agricultural University, Coimbatore. |
| 13 | Dr.K.Ganeshamoorthy, Director, Centre for Plant Breeding Genetics, Tamil Nadu Agricultural University, Coimbatore. |
| 14 | Dr.V.Ravi, Director (i/c), Tamilnadu Rice Research Institute, Aduthurai. |
| 15 | Thiru.M.Ahamed Raza, Regional Manager, NSC, Chennai. |
| 16 | Thiru.P.Vanniyarajan, Deputy Director of Agriculture, Directorate of Agriculture, Chennai-5. |
| 17 | Thiru. Suresh Joe Kumar Bright, Deputy Director of Agriculture, Directorate of Agriculture, Chennai-5. |
| 18 | Thiru M.V.Mohanasundaram, Assistant Director of Seed Certification, Coimbatore. |
| 19 | Tmt. R.Gomathi, Assistant Director of Agriculture(Seeds), Directorate of Agriculture, Chennai-5. |
| 20 | Thiru.R.Raghuraman Assistant General Manager (Tanseda) Directorate of Agriculture, Chennai-5. |
| 21 | Tmt. A.Kopperundevi, Agricultural Officer (Tanseda) Directorate of Agriculture, Chennai-5. |

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| 22 | Tmt.P.Sumathi, Professor (Plant Breeding and Genetic), Tamil Nadu Agricultural University, Coimbatore. |
| 23 | Dr R.P.Gnanamalar, Professor, National Pulses Research Centre, Vamban. |
| 24 | Dr.A.Mothilal, Professor, Regional Research Station, Virudhachalam |
| 25 | P.Amala balu, Professor and Head, Seeds Science and Technology, Tamil Nadu Agricultural University, Coimbatore |
| 26 | Dr S.Alarmelu, Senior Scientist, Indian Council for Agricultural Research, Sugarcane Breeding Institute, Coimbatore. |
| 27 | Dr C.Babu, Professor, Centre for Plant Breeding and Genetics, Tamil Nadu Agricultural University, Coimbatore. |
| 28 | Dr V.A.Sathiyamurthy, Assistant Professor, Department of Vegetable Crops, Horticulture College and Research Institute, Tamil Nadu Agricultural University, Coimbatore. |
| 29 | Dr M.Pandiyan, Professor, Agricultural Research Station, Vrinjipuram, Vellore |
| 30 | Thiru.S. Harish, Assistant Professor, Department of Vegetable Crops, Tamil Nadu Agricultural University, Coimbatore. |
| 31 | Thiru.C.Kalidas, Tamilnadu Seeds Association, Coimbatore. |
| 32 | Thiru.K.Kuilsamy, Kinathukadavu, Coimbatore. |
| 33 | Thiru.M.Magudeeswar, Palani, Dindigul. |
| 34 | Thiru. B.U.Muthusamy, Gobi, Erode. |
| 35 | Thiru D. Dhana Govindarajan, Gobi, Erode. |