

**RELEASE OF HYBRID CORN P3330
AS SUPERIOR VARIETY WITH THE NAME P 30
(Decree of the Minister of Agriculture Number
3921/Kpts/SR.120/3/2013 dated March 26, 2013)**

BY GRACE OF GOD THE ALMIGHTY
THE MINISTER OF AGRICULTURE,

Considering:

- a. in the framework of increasing corn production, superior variety plays important role;
- b. genus of hybrid corn P3330 has potential advantage resistant to albino disease, leaf corrosion and blight and high average yield;
- c. having regards to letters a and b, it's deemed necessary to release hybrid corn P3330 as a superior variety;

In view of:

1. Law Number 12 Year 1992 on Crop Cultivation System (Statute Book of the Republic of Indonesia Year 1992 Number 46, Supplement to Statute Book of the Republic of Indonesia Number 3478);
2. Government Regulation Number 44 Year 1995 on Plant Seedling (Statute Book of the Republic of Indonesia Year 1995 Number 85, Supplement to Statute Book of the Republic of Indonesia Number 3616);
3. Government Regulation Number 18 Year 2010 on Crop Cultivation Business (Statute Book of the Republic of Indonesia Year 2010 Number 24,

Supplement to Statute Book of the Republic of Indonesia Number 5106);

4. Presidential Decree Number 27 Year 1971 on National Seed Agency;
5. Presidential Decree Number 84/P Year 2009 on the Establishment of the Second United Indonesia Cabinet;
6. Presidential Regulation Number 47 Year 2009 on the Establishment and Organization of State Ministries;
7. Presidential Regulation Number 24 Year 2010 on Status, Tasks and Functions of State Ministries as well as First-echelon Organizational Structures, Tasks and Functions of States Ministries;
8. Decree of the Minister of Agriculture Number 461/Kpts/Org/11/1971 on the Completeness of Organizational Structure, Details of Tasks and Working Mechanism of the National Seed Agency;
9. Decree of the Minister of Agriculture Number 593/Kpts/ OT.160/11/2007 on the Variety Appraisal and Release Team (TP2V);
10. Decree of the Minister of Agriculture Number 10 14/Kpts/ OT.160/7/2008 on Composition of Executives and Membership of the National Seed Agency;

11. Regulation of the Minister of Agriculture 61/Permentan/OT. 140/7/2010 on Organization and Working Mechanism of the Ministry of Agriculture;

12. Regulation of the Minister of Agriculture Number 61/Permentan/OT.140/10/2011 on Verification, Appraisal and Release of Varieties;

Observing:

Letter of the Chairman of the National Seed Agency Number 07/BBN.TP/03/2013 dated March 13, 2013;

D E C I D E S :

To stipulate:

FIRST:

Releasing hybrid corn P3330 as superior variety with the name P 30

SECOND:

Description of hybrid corn of variety P 30 as meant in Dictum FIRST shall be as contained in the attachment, which constitutes a part inseparable from this decree.

THIRD:

The decree shall come into force as from the date of stipulation.

Stipulated in Jakarta

On March 26, 2013

THE MINISTER OF AGRICULTURE

sgd.

SUSWONO

Copy of this decree is made available to:

1. The Coordinating Minister for Economy;
2. The Minister of Home Affairs;
3. The State Minister for Research and Technology;
4. The Head of the Finance and Development Supervisory Board;
5. The Head of the Indonesia Institute of Science;
6. Leaders of First-Echelon Working Units within the Ministry of Agriculture;
7. Governors of provinces throughout Indonesia;
8. Heads of provincial food service throughout Indonesia;
9. Heads of regency/municipal food service throughout Indonesia

ATTACHMENT I

DESCRIPTION OF HYBRID CORN VARIETY P 30

Origin : Cross breeding between sole cross hybrid 11TS as female parent stock and pure genus S4J as male parent stock (11TS x S4J). Developed by Pioneer Hi-Bred Philippines, Inc.

Category : Three Way Cross Hybrid
 Age : 50 % of pollen comes out \pm 51 hst
 50 % of filament comes out
 \pm 53 hst
 Fisiologically ripen \pm 106 hst
 Height : \pm 243,4 cm
 Universality : Very uniform
 Stalk : Strong
 Stalk color : Green
 Laying Condition : Good
 Leaf color : Dark green
 Anther : Having numerous branches and
 upright
 Anther color : Reddish white
 Glume color : Reddish light green
 Filament : Yellowish white
 Rooting : Good
 Model of stem : Cone
 Stem position : + 115,8cm
 Husk : Covering kernel properly, tight
 Kernel row : Straight and tight
 Quantity of kernel row per stem : 14 – 16 lines
 Kernel color : Orange
 Kernel type : Semi horseshoe
 Weight 1000 granules (KA 15%) : + 388,5 gram
 Average yield : 9.0 tons/ha dry shell at KA 15 %
 Yield potential : 12.8 tons/ha dry shell at KA 15 %
 Carbohydrate : \pm 73.3%
 Protein : + 8.4%
 Fat : \pm 3.1%
 Pest resistance : Resistant to albino disease

(Peronosclerospora maydis),
 leaf corrosion (Puccinia polyspora)
 and leaf blight (Helminthosporium
 turcicum).

Remark : Suitable to plant in region having
 optimal fertility
 Nourisher : Emmanuel Serano,
 Desmarwansyah
 Researcher : Rulik Saiful Ahmadi,
 Erni Ratna Wulan
 Proponent : PT DuPont Indonesia

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ATTACHMENT II

DECSRIPTION OF FEMALE GENUS 11TS

Origin : 11TS constitutes single two cross
 Category : Single cross of two genus
 (sister line)
 Age : 50% of pollen comes out + 62 hst
 50% of filament + 62 hst
 Physiologically ripen + 108 hst
 Height : +272 cm
 Universality of plant : Very uniform
 Stalk : Strong
 Stalk color : Green

Laying position : Not so good
 Leaf color : Dark green
 Anther form : Having numerous branches and upright
 Anther color : Purple
 Glume color : Purple
 Filament color : Yellow
 Rooting : Not so good
 Model of stem : Semi cone
 Stem position : +124 cm
 Husk : Covering kernel properly, tight
 Kernel row : Straight and tight
 Number of kernel row per stem : 14 — 16 lines
 Kernel color : Orange
 Kernel type : Semi horseshoe
 Average yield : 8.3 tons/ha dry shell at KA 12.5%
 Yield potential : 10.1 tons/ha dry shell at KA 12.5%
 Resistance to pest : Resistant to Southern Leaf Blight
 Nourisher : Emmanuel Serano,
 Desmarwansyah

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ATTACHMENT III :

DESCRIPTION OF MALE GENUS S4J

Origin : S4J is male parent stock of P3330, tropical indigenous genus developed by Pioneer Hi-Bred Philippines, Inc.
 Category : Pure blooded (inbred line)

Age : 50% of pollen comes out + 62 hst
 50 % of filament comes out + 61 hst
 Physiologically ripen ± 108 hst
 Height of Plant : +202cm
 Universality of plant : Uniform
 Stalk : Strong
 Stalk color : Light green
 Laying position : Very good
 Leaf color : Green
 Anther form : Upright and compact with numerous branches
 Anther color : Yellow
 Glume color : Purple
 Filament color : Yellow to pink
 Rooting : Good
 Stem model : Cylinder
 Stem position : +93 cm
 Husk : Covering kernel properly
 Kernel row : Screwed, semi-aslant, tight
 Number of kernel row per stem : 12 — 14 lines
 Kernel color : Orange
 Kernel type : Semi horseshoe
 Average Yield : 6.3 tons/ha dry sheel at KA 12.5%
 Yield potential : 8.2 ton/ha dry shell at KA12.5%
 Pest resistance : Resistant to Northern Leaf Blight
 Nourisher : Emmanuel Serano,
 Desmarwansyah

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