

DEPARTMENT OF AGRICULTURE

**DECREE OF THE MINISTER OF AGRICULTURE
NUMBER 636/KPTS/TP.430/7/96 DATED JULY 30, 1996**

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**THE RELEASE OF PIONEER X1403A (3015) HYBRID CORN AS A
HIGH-YIELDING VARIETY NAMED P 6**

THE MINISTER OF AGRICULTURE

- Considering** :
- a. that within the framework of increasing corn production, highyielding varieties have an important role to play;
 - b. that Pioneer X1403A (3015) hybrid corn has high production potential, high and upright stems , is fairly resistant to the slanting tendency, has good corn-cob covering , is resistant to leaf rust and stem rot diseases. adapts well to dry and rainy seasons , and suits the high altitude of 1,300 m;
 - c. that based on the above matters, it is deemed necessary to release Pioneer X1403A (3015) hybrid corn as a high-yielding variety.
- Bearing in mind** :
- 1. Law No. 12/1992;

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2. Government Regulation No. 44/1995;
3. Presidential Decree No. 72/1971;
4. Presidential Decree No. 44/1974;
5. Presidential Decree No. 15/1984;jo. Presidential Decree No. 83/1993;
6. Presidential Decree No. 96/M/1993;
7. The Decree of the Minister of AGriculture NO. 460/Kpts/Org/11/1971 as already several times amended, the latest by the Decree of the Minister of Agriculture No. 415/Kpts/Um/7/1979;
8. The Decree of the Minister of Agriculture No. 572/Kpts/OP/8/1982;
9. The Decree of the Minister of Agriculture No. 443/Kpts/TP.240/6/1993;
10. The Decree of the Minister of Agriculture No. 96/Kpts/OT.210/2/1994;

HAS DECIDED

To stipulate

FIRSTLY :

To release Pioneer X1403A (3015) hybrid corn as high-yielding variety, which shall be named P6.

SECONDLY :

The description of the P6 corn variety shall be as contained in the attachment to this decree.

THIRDLY :

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

Stipulated in Jakarta
On July 30, 1996

THE MINISTER OF AGRICULTURE

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Dr. Ir SJARIFUDIN BAHARSJAH

DESCRIPTION OF P6 CORN VARIETY

Origin	:	F1 from the three way cross between M3015 and F3015. M3015 is a tropical inbred developed by Pioneer Overseas Corporation, Philippines. F3015 is F1 from the single cross between 2 tropical inbreds developed by Pioneer Corporation, Philippines.
Group	:	upright, high
Height of plant	:	230 cm
Leaves	:	half upright and broad
Colour of leaves	:	green
Uniformity	:	
structure	:	good and uniform
Root structure	:	medium to good
Slanting	:	fairly resistant to slanting
Corn-cob	:	large, long cylindrical and of good quality
Position of	:	
corn-cob	:	medium, in the middle of height of plant
Husk	:	covering grains properly
Grains	:	pearly
Colour of grains	:	orange/reddish yellow
Lines of grains	:	straight and close
Total of lines	:	
/corn-cob :	:	14 - 16 lines
Weight of	:	
1000 grains	:	318 grams
Average production	:	9.04 tons/ha of dried plucked grains
Production	:	
potential	:	10 - 12.19 tons/ha of dried plucked grains
Resistance to	:	
diseases	:	tolerant of " bulai" disease, resistant to stem rot and leaf rust
Remark	:	suitable to lowlying land and tested for high land above sea level

DESCRIPTION OF MALE STOCK OF PIONEER X1403A (3015) HYBRID CORN

Origin	:	M3015 is a tropical inbred developed by Pioneer Overseas Corporation, Philippines.
Group	:	inbred
Age	:	- 50% polination : 66 days - 50% hair growth : 67 days - physiological maturity : 111 days
Stem	:	medium and upright
Leaves	:	half upright and broad
Colour of leaves	:	dark green
Uniformity of plant	:	very uniform
Root structure	:	very good

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Slanting	:	resistant to slanting
For of tassel	:	large, open and half upright
Colour of anther	:	yellowish pink
Colour of chaff	:	purple
Colour of hair	:	pale red
Corn-cob	:	medium and of good quality
Position of corn-cob	:	in the middle of height of plant
H u s k	:	covering grains properly
G r a i n s	:	pearly
Colour of grains	:	orange/reddish yellow
Total of lines /corn-cob :	:	12 lines
Resistance to diseases	:	high resistance, particularly to leaf rust
Superiority	:	very good root structure, producing very good pollen

DESCRIPTION OF FEMALE STOCK OF PIONEER X1403A (3015) HYBRID CORN

Origin	:	F1 from the single cross between two tropical inbreds developed by Pioneer Overseas Corporation, Philippines.
Group	:	single cross hybrid
Age	:	- 50% polination : 62 days - 50% hair growth : 63 days - physiological maturity : 107 days
S t e m	:	medium to high and upright
Leaves	:	upright and broad
Colour of leaves	:	green
Uniformity of plant	:	very good and uniform
Root structure	:	medium to good
Slanting	:	fairly resistant to slanting
For of tassel	:	large, open and half upright
Colour of anther	:	purple
Colour of chaff	:	purple
Colour of hair	:	red
Corn-cob	:	large , cylindrical and of good quality
Position of corn-cob	:	in the middle of height of plant
H u s k	:	covering grains properly
G r a i n s	:	semi pearly
Colour of grains	:	orange/reddish yellow

Total of lines
/corn-cob : 14 lines
Resistance to major
diseases : fairly high resistance
Superiority : very high production potential.

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