

## VARIETY DESCRIPTION

1.	Reference number of reporting authority	: DEE 4063552
2.	Reference number of requesting authority	: 12/2016
3.	Breeder's reference / document denomination	: lzm164/85 / Bonnie
4.	Applicant (name and address)	: Limagrain Europe Biopole Clermont Limagne CS 50005 - ST Beauzire 63360 GERZAT France
-.	Breeder's name	: Limagrain Europe
5.	Botanical name of taxon	: <i>Zea mays L.</i>
6.	Common name of taxon	: Maize
7.	Variety denomination	: - - -
7bis.	Variety type	: single cross hybrid
8.	Date and document number of CPVO test guidelines	: 01/01/2010, CPVO-TP/2/3
9.	Date and/or document number of national test guidelines	: - - -
10.	Testing authority	: GEVES, France
11.	Testing station(s) and place(s)	: GEVES L'Anjouère (49), Le Magneraud (17)
12.	Period of testing	: 15/04/2014 - 15/11/2014
13.	Date and place of document	: 22/12/2017, L'Anjouère

### 15. Characteristics observed

OCVV or National N°	Characteristic	Level of expression	Note
	<b><u>Leaf</u></b>		
4	angle between blade and stem (on leaf just above upper ear)	small to medium	4
5	curvature of blade	slightly recurved	3
	<b><u>Tassel</u></b>		
6	time of anthesis (on middle third of main axis, 50% of plants)	early	3
7	anthocyanin coloration at base of glume (in middle third of main axis)	absent or very weak	1
8	anthocyanin coloration of glumes excluding base	weak	3
9	anthocyanin coloration of anthers (on fresh anthers)	weak to medium	4
10	angle between main axis and lateral branches (in lower third of tassel)	small	3
11	curvature of lateral branches	absent or very slightly recurved	1
12	number of primary lateral branches	few	3
	<b><u>Ear</u></b>		
13	time of silk emergence (50% of plants)	early	3
14	anthocyanin coloration of silks	weak to medium	4
	<b><u>Stem</u></b>		
15	anthocyanin coloration of brace roots	medium	5
	<b><u>Tassel</u></b>		
20	length of main axis above highest lateral branch	medium to long	6
	<b><u>Plant</u></b>		
22.2	hybrids and open pollinated varieties only : length (tassel included)	short to medium	4
23	ratio height of insertion of upper ear to plant length	very small to small	2
	<b><u>Ear</u></b>		
26	length (without husk)	short	3
27	diameter (in middle)	large	7

(a,b,..) Characteristics identified by a letter are additional characteristics used in France

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OCVV or National N°	Characteristic	Level of expression	Note
29	number of rows of grain	medium	5
34	type of grain (in middle third of ear)	flint-like	2
36	colour of top of grain	yellow	3
37	colour of dorsal side of grain	orange	5
39	anthocyanin coloration of glumes of cob	absent or very weak	1

**16. Similar varieties and differences in relation to those varieties**

Denomination of similar variety	Characteristic in which the similar variety is different	Similar variety State of expression	Candidate variety State of expression
Asgaard	<u>Tassel</u> 8 anthocyanin coloration of glumes excluding base	1 absent or very weak	3 weak
	<u>Ear</u> 34 type of grain (in middle third of ear)	4 dent-like	2 flint-like

**17. Additional information:**

- a) Additional data - - -
- b) Remarks - - -

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