

## CPVO VARIETY DESCRIPTION

1.	Reference number of reporting authority	: DEE 4056307
2.	Reference number of requesting authority	: 114/2013
3.	Breeder's reference / document denomination	: lzm159/85 / Activate
4.	Applicant (name and address)	: Limagrain Europe Ferme de l'Etang BP 3 77390 VERNEUIL L ETANG 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	: three-way cross hybrid
8.	Date and document number of CPVO test guidelines	: 15/11/2001, CPVO-TP/2/2
9.	Date and/or document number of national test guidelines	: 01/01/1994, FR/02/6
10.	Testing authority	: GEVES, France
11.	Testing station(s) and place(s)	: GEVES La Minière (78), Le Magneraud (17)
12.	Period of testing	: 15/04/2009 - 15/11/2009
13.	Date and place of document	: 02/12/2014, L'Anjouère

### 15. Characteristics observed

OCVV or National N°	Characteristic	Level of expression	Note
	<b><u>Leaf</u></b>		
3	angle between blade and stem (on leaf just above upper ear)	small	3
4	attitude of blade	slightly recurved	3
	<b><u>Stem</u></b>		
5	anthocyanin coloration of brace roots	medium	5
a	anthocyanin coloration of internodes	very weak	1
	<b><u>Tassel</u></b>		
6	time of anthesis (on middle third of main axis, 50% of plants)	very early to early	2
7	anthocyanin coloration at base of glume (in middle third of main axis)	weak	3
8	anthocyanin coloration of glumes excluding base	absent or very weak	1
11	angle between main axis and lateral branches (in lower third of tassel)	small	3
12	attitude of lateral branches	straight	1
13	number of primary lateral branches	few	3
	<b><u>Ear</u></b>		
15	anthocyanin coloration of silks	present	9
14	time of silk emergence (50% of plants)	very early to early	2
16	intensity of anthocyanin coloration of silks	very weak	1
	<b><u>Leaf</u></b>		
17	anthocyanin coloration of sheath (in middle of plant)	absent or very weak	1
	<b><u>Tassel</u></b>		
19	length of main axis above highest lateral branch	medium to long	6
	<b><u>Plant</u></b>		
21.2	hybrids and open pollinated varieties only : length (tassel included)	short	3
22	ratio height of insertion of upper ear to plant length	small to medium	4
	<b><u>Ear</u></b>		
24	length of peduncle	short to medium	4
b	length of husks off the tip of the ear	short	3

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

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<b>OCVV or National N°</b>	<b>Characteristic</b>	<b>Level of expression</b>	<b>Note</b>
25	length (without husk)	short to medium	4
28	number of rows of grain	few to medium	4
29	type of grain (in middle third of ear)	flint-like	2
30	colour of top of grain	yellow	3
32	anthocyanin coloration of glumes of cob	segregation	99

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

<b>Denomination of similar variety</b>	<b>Characteristic in which the similar variety is different</b>	<b>Similar variety State of expression</b>	<b>Candidate variety State of expression</b>

**17. Additional information:**

- a) Additional data - - -
- b) Remarks None similar variety was identified regarding to the hybride formula.