



**TWC/23/17**

**ORIGINAL:** English

**DATE:** June 15, 2005

**INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS**  
GENEVA

**TECHNICAL WORKING PARTY  
ON  
AUTOMATION AND COMPUTER PROGRAMS**

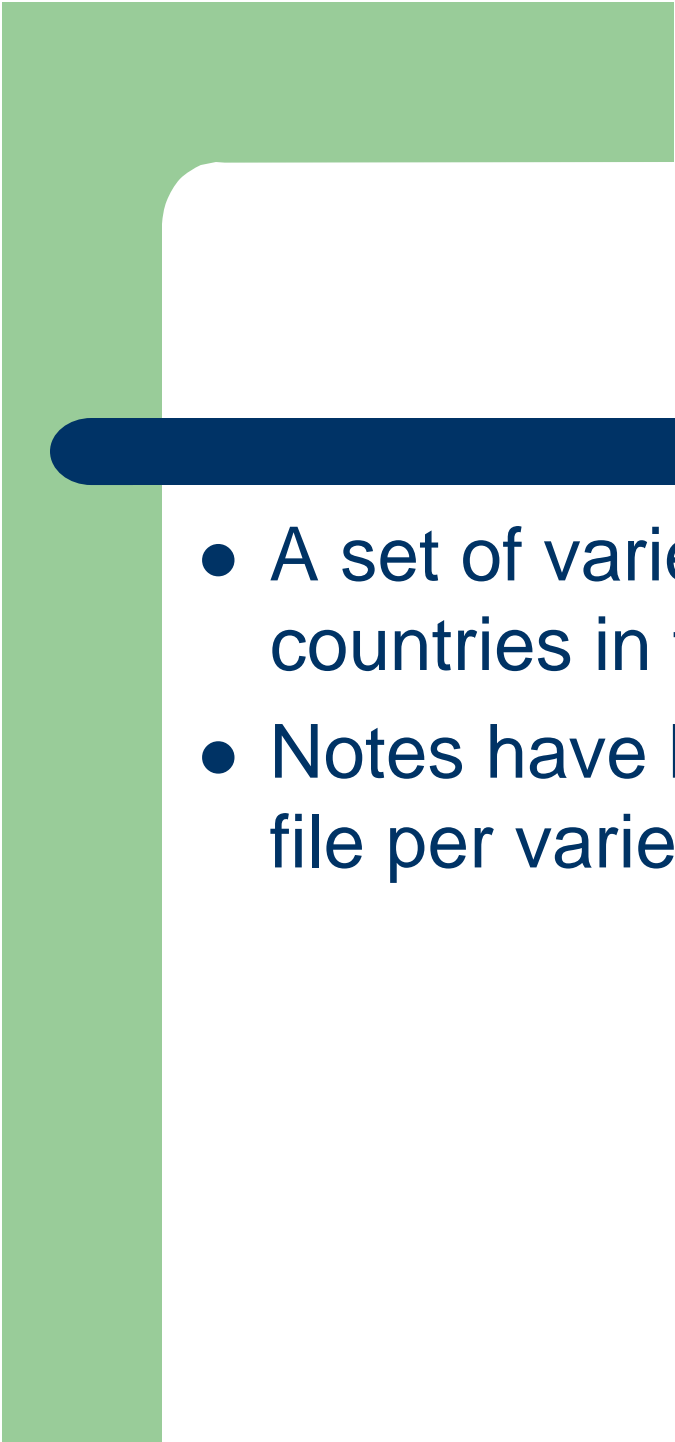

**Twenty-Third Session  
Ottawa, June 13 to 16, 2005**

DESCRIPTION OF VARIETIES IN DIFFERENT UPOV COUNTRIES

*Document prepared by experts from France*

# **Description of varieties in different UPOV countries**

Prepared by experts  
from France with data  
provided on barley via  
J Guiard and  
G Deneken

- 
- 
- A set of varieties has been described by 13 countries in the year 2003
  - Notes have been summarised in one Word file per variety

Collection of Data on Spring Barley Varieties

VARIETY: DINARAC



No. UPOV	Characteristics (TG/19/10, 94-11-04)														
		BU	DE	HU	CR	DK	AT	EST	HR	YU	RO	FR	PL	CZ	
(*) 1.	Plant: grow habit		4		3	4	3	-			4		3	-	

Collection of Data on Spring Barley Varieties

VARIETY: DINARAC



No. UPOV	Characteristics (TG/19/10, 94-11-04)														
		BU	DE	HU	CR	DK	AT	EST	HR	YU	RO	FR	PL	CZ	
(*) 1.	Plant: grow habit		4		3	4	3	-			4		3	-	
(*) 2.	Lowest leaves: hairiness of leaf sheaths		1		1	1	1	1			1		1		
(*) 3.	Flag leaf: anthocyanin coloration of auricles				1	9	-	9			-		9		
(*) 4.	Flag leaf: intensity of anthocyanin coloration of auricles				-	8	6*	-			-		6		
5.	Plant: frequency of plants with recurved flag leaves		4		2	6	8	7			4		7		
6.	Flag leaf: glaucosity of sheath		7		6	7	6	9			9		7		
(*) 7.	Time of ear emergence (first spikelet visible on 50% of ears)		5		8	4	3	3			6		5		
(*) 8.	Awns: anthocyanin coloration of tips				1	9	-	-			-		9		
(*) 9.	Awns: intensity of anthocyanin coloration of tips				-	9	7	8			-		7		
(*) 10.	Ear: glaucosity		6		7	8	3	5			5		5		
11.	Ear: attitude		5		5	5	4	-			4		4		
(*) 12.	Plant: length (stem, ear and awns)		6		2	6	8	9			7		6		
(*) 13.	Ear: number of rows		1		1	1	1*	1			1		1		
14.	Ear: shape		5		3	5	3	-			5		5		
(*) 15.	Ear: density		4		3	4	4	-			3		4		
16.	Ear: length (excluding awns)		4		5	7	7	-			7		7		
(*) 17.	Awn: length (compared to ear)		5		7	3	5	6			7		7		
18.	Rachis: length of first segment		5		5	3	3	-			3		5		

No. UPOV	Characteristics (TG/19/10, 94-11-04)														
		BU	DE	HU	CR	DK	AT	EST	HR	YU	RO	FR	PL	CZ	
19.	Rachis: curvature of first segment		6		5	5	5	-			7		5	-	
20.	Median spikelet: length of glume and its awn relative to grain		2		3	3	-	3			-		2		
21.	Median spikelet: length of glume and its awn relative to grain		2		2	2	2	2			3		3		
22.	Grain: rachilla hair type		2		2	2	2	2			3		2		
(*) 23.	Grain: husk		9		9	9	9	9			2		9		
24.	Grain: anthocyanin coloration of nerves of lemma		7		-	3	1	7			9		3		
25.	Grain: spiculation of inner lateral nerves of dorsal side of lemma		1		1	2	1	7			6		3		
(*) 26.	Grain: hairiness of ventral furrow		1		1	1	1	1			1		1		
27.	Grain: disposition of lodicules		2		2	2	2	2			1		2		
28.	Kernel: colour of aleurone layer		1		1	1	1	1			2		1		
(*) 29.	Seasonal type		3		3	3	3	3			3		3		

- ALFA.doc
- ANABEL.doc
- ARTIST.doc
- BARKE.doc
- BINAL.doc
- CAMERA.doc
- CICERO.doc
- CRISTAL.doc
- DINARAC.doc
- ESTEREL.doc
- FRAN.doc
- GIL.doc
- HERIS.doc
- JESSICA.doc
- KH AGRIA.doc
- KOMPAKT.doc
- KORCA.doc
- MANRICA.doc
- MARIA.doc
- MESSINA.doc
- NOVOSADSKI.doc
- OBZOR.doc
- ORIZONT.doc
- PRISMA.doc
- REKS.doc
- TEROVA.doc
- TIMOCANIN.doc
- ZLATKO.doc

All data have been entered in an Access database

Microsoft Access

Fichier Edition Affichage Insertion Format Enregistrements Outils Fenêtre ?

desc var : Base de données (format de fichier Access 2000)

notes per country : Table

	name	Upov nn	character	country	note	cara
	ALFA	25.	Grain:spiculation of inner lateral nerves of dors	YU	3	25
	ALFA	25.	Grain:spiculation of inner lateral nerves of dors	RO	4	25
	ALFA	25.	Grain:spiculation of inner lateral nerves of dors	DK	3	25
	ALFA	25.	Grain:spiculation of inner lateral nerves of dors	AT	1	25
	ALFA	25.	Grain:spiculation of inner lateral nerves of dors	BU	1	25
	ALFA	25.	Grain:spiculation of inner lateral nerves of dors	CR	1	25
	ALFA	11.	Ear: attitude	RO	3	11
	ALFA	11.	Ear: attitude	CR	4	11
	ALFA	11.	Ear: attitude	AT	4	11
▶	ALFA	11.	Ear: attitude	BU	8	11
	ALFA	11.	Ear: attitude	DK	6	11
	ALFA	14.	Ear:shape	DK	5	14
	ALFA	14.	Ear:shape	AT	3	14
	ALFA	14.	Ear:shape	BU	5	14
	ALFA	14.	Ear:shape	CR	5	14
	ALFA	14.	Ear:shape	RO	5	14
	ALFA	14.	Ear:shape	YU	5	14
	ALFA	16.	Ear:length (excluding awns)	RO	6	16
	ALFA	16.	Ear:length (excluding awns)	DK	7	16
	ALFA	16.	Ear:length (excluding awns)	CR	3	16
	ALFA	16.	Ear:length (excluding awns)	YU	7	16
	ALFA	16.	Ear:length (excluding awns)	BU	7	16
	ALFA	16.	Ear:length (excluding awns)	AT	8	16
	ALFA	18.	Rachis: length of first segment	CR	5	18
	ALFA	18.	Rachis: length of first seament	RO	7	18

## Summary of dataset available

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	<b>Number of variety descriptions by country and by characteristic (maximum 28 varieties)</b>															
2																
3	character	*	Upov nn	AT	BU	CR	CZ	DE	DK	EE	FR	HR	PL	RO	YU	
4	Plant:grow habit	Y	1	22	13	26	12	24	23	11	24		23	24	23	202
5	Lowest leaves: hairiness of leaf sheaths	Y	2	22	13	26	12	24	23	12	24		20	24	23	200
6	Flag leaf: anthocyanin coloration of auricles	Y	3		13	26	12		23	12	24		22	1	21	133
7	Flag leaf: intensity of anthocyanin coloration of	Y	4	22	4	17	12		19	10	19		18	1	18	122
8	Time of ear emergence (first spikelet visible on 5	Y	7	22	1	25	12	22	22	12	1		22	20	21	159
9	Awns: anthocyanin coloration of tips	Y	8		13	25	12		23	11	24		23	2	22	133
10	Awns: intensity of anthocyanin coloration of tips	Y	9	23	11	16	12	1	17	11	19		22	3	15	135
11	Ear: glaucosity	Y	10	23	13	26	12	24	23	12	24		23	20	11	200
12	Plant: length (stem, ear and awns)	Y	12	23	13	26	12	24	23	12			23	20	12	176
13	Ear: number of rows	Y	13	22	13	26	12	24	23	12	24		23	20	23	199
14	Ear: density	Y	15	23	13	26	12	24	23	11	24		23	20	23	199
15	Awn: length (compared to ear)	Y	17	23	13	26	12	24	23	12	24		23	20	23	200
16	Median spikelet: length of glume and its awn relat	Y	20	8	8	20	9	16	16	10	1		16	14	18	118
17	Grain: rachilla hair type	Y	22	22	13	26	12	24	23	12	24	1	23	20	23	200
18	Grain: husk	Y	23	14	13	26	12	24	23	12	24	1	23	20	23	192
19	Grain: hairiness of ventral furrow	Y	26	21	13	25	11	23	22	11	23	1	22	18	22	190
20	Seasonal type	Y	29	21		12	11	23	22	11	10	1	22	11	22	144
21	Plant: frequency of plants with recurved flag leaf	N	5	23	13	26	12	24	23	12	24		23	20	23	200
22	Flag leaf: glaucosity of sheath	N	6	23	13	26	12	24	23	12	24		23	20	12	200
23	Ear: attitude	N	11	23	13	26	12	24	23	11	24		23	20	13	199
24	Ear: shape	N	14	23	13	26	12	24	23	11	24		23	20	23	199
25	Ear: length (excluding awns)	N	16	23	13	26	12	24	23	11	24		23	20	23	199
26	Rachis: length of first segment	N	18	23	13	26	12	24	23	11	23		23	20	23	198
27	Rachis: curvature of first segment	N	19	22	13	26	12	23	23	11	24	1	23	19	23	197
28	Median spikelet: length of glume and its awn relat	N	21	22	13	26	12	24	23	12	23	1	23	20	23	199
29	Grain: anthocyanin coloration of nerves of lemma	N	24	19	13	13	1	24	23	12	24	1	22	20	21	172
30	Grain: spiculation of inner lateral nerves of dorsa	N	25	22	13	26	12	24	22	12	24	1	23	19	21	198
31	Grain: disposition of lodicules	N	27	21	13	25	11	23	22	11	22	1	22	18	22	189
32	Kernel: colour of aleurone layer	N	28	21	13	25	11	23	22	11	21	1	22	18	22	188
33				576	336	697	330	586	644	331	594	10	644	492	592	

the  
number  
of  
data  
points  
per  
character  
is  
less  
Variable  
118-202

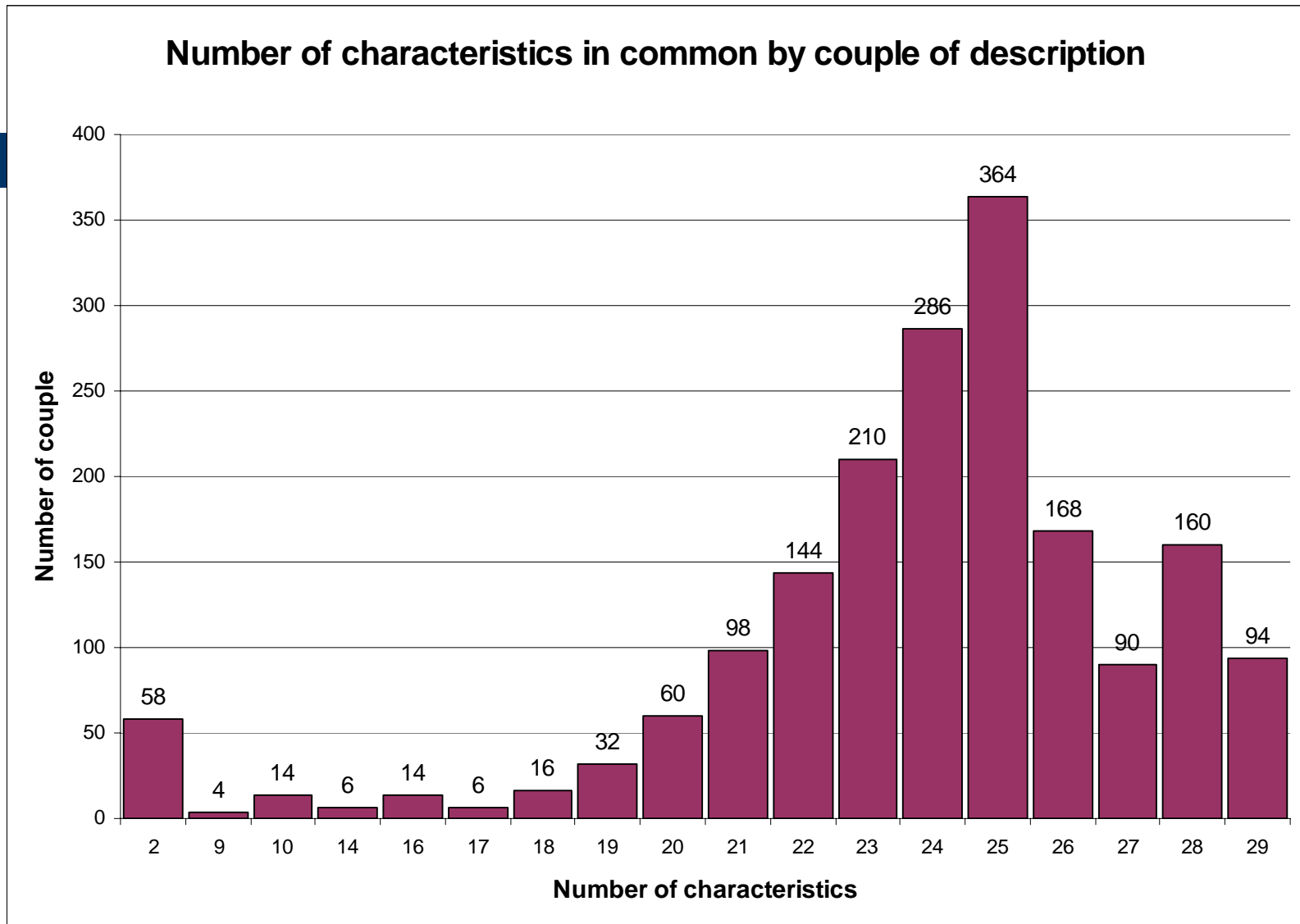
The number of descriptions is different from country to country 10-697





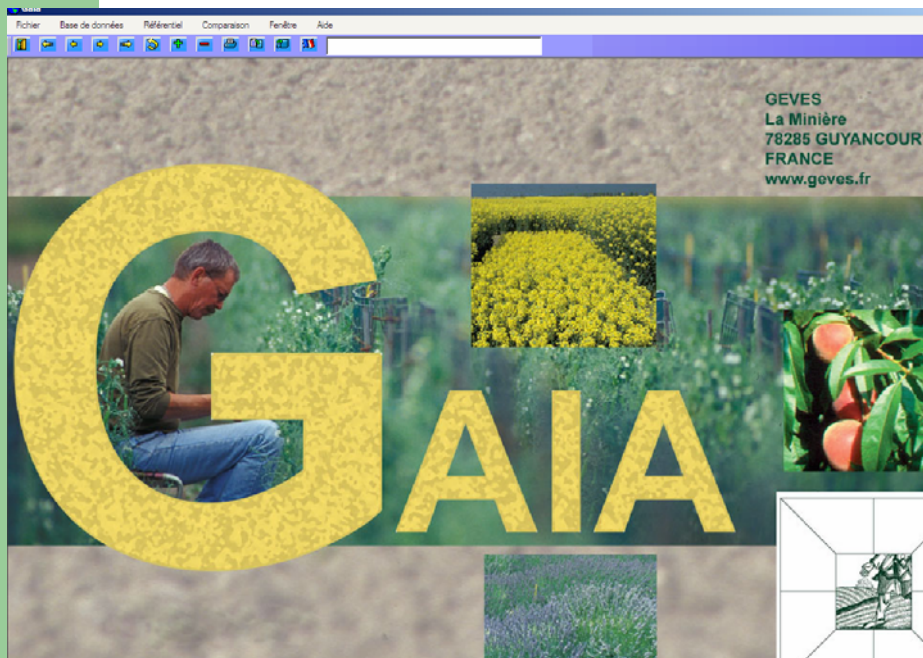


From 2 to 29 common characters (from 29 in the list)



# No description is identical in any couple of countries for any variety

- Data have been entered in GAIA software and the descriptions from different countries compared



**A difference on a characteristic is weighted 1**

- all countries all characters
- all countries (\*) characters
- DE DK FR (\*) characters

**A difference on a characteristic is weighted 1 if the notes differ from 2 (unless 2 notes 1-9 or 1-2)**

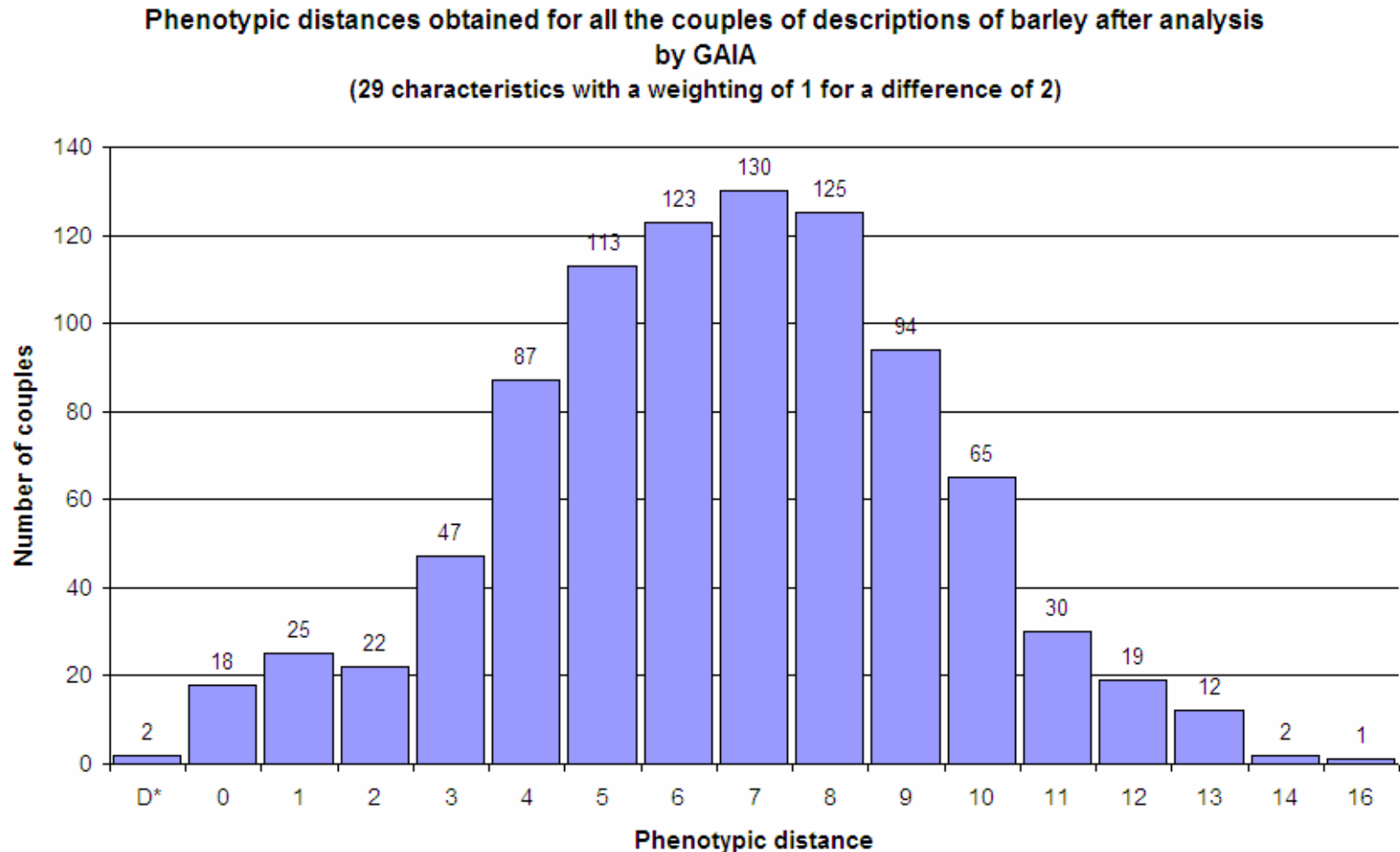
- all countries all characters







**A difference on a characteristic is weighted 1 if the notes differ from 2 (unless 2 ie notes 1-9 or 1-2)**



D\* = Gaia distinct varieties because described in only one country

0 = no coincidence of characters, or only 1 common character

# Example of useful comparison

11 characters in common, 8 <>, 3 =

Gaia - [Visualisation des comparaisons (Arbre) \*]

Fichier Base de données Référentiel Comparaison Fenêtre Aide

Liste des comparaisons

N° Comparaison	Type Comparaison	Libellé de la comparaison	Espèce	Session
3	Qualitative	Alfa	BARLEY ALFA	Alfa seuil 50
5	Qualitative	Annabel	BARLEY ANNABEL	Annabel seuil 50
6	Qualitative	Artist	BARLEY ARTIST	Artiste seuil 50
7	Qualitative	Barke	BARLEY BARKE	Barke seuil 50
8	Qualitative	Binal	BARLEY BINAL	Binal seuil 50

Afficher l'arbre de visualisation  Rapide

Comparaison avec un seuil de 50

Comparaison Qualitative

Vanétés NON distinguées [6]

- AT ALFA [1][5]
  - [Dist = 8] BU ALFA [1]
  - [Dist = 8] DK ALFA [1]
  - [Dist = 8] RO ALFA [1]
  - [Dist = 8] YU ALFA [1]
- BU ALFA [1][5]
  - [Dist = 6] YU ALFA [1]
  - [Dist = 8] AT ALFA [1]
  - [Dist = 8] RO ALFA [1]
  - [Dist = 10] DK ALFA [1]
  - [Dist = 11] CR ALFA [1]
- CR ALFA [1][5]
  - [Dist = 5] YU ALFA [1]
  - [Dist = 8] DK ALFA [1]
  - [Dist = 9] AT ALFA [1]
  - [Dist = 10] RO ALFA [1]
  - [Dist = 11] BU ALFA [1]
- DK ALFA [1][5]
  - [Dist = 3] YU ALFA [1]
  - [Dist = 8] AT ALFA [1]
  - [Dist = 8] CR ALFA [1]
  - [Dist = 10] BU ALFA [1]
  - [Dist = 10] RO ALFA [1]
- RO ALFA [1][5]
  - [Dist = 6] YU ALFA [1]
  - [Dist = 8] AT ALFA [1]
  - [Dist = 8] BU ALFA [1]
  - [Dist = 10] CR ALFA [1]
  - [Dist = 10] DK ALFA [1]
- YU ALFA [1][5]
  - [Dist = 3] DK ALFA [1]
  - [Dist = 5] CR ALFA [1]
  - [Dist = 6] BU ALFA [1]
  - [Dist = 6] RO ALFA [1]
  - [Dist = 8] AT ALFA [1]

Résultats de la comparaison qualitative entre les 2 variétés courantes [21]

N° Cara	Libellé long	Poids	Note Etd/Cycle 1	Note Ref/Cycle 1	Note Etd/Cycle 2	Note Ref/Cycle 2
1	Plant:grow habit	0,00	0	2	0	0
2	Lowest leaves: hairiness of leaf sheaths	0,00	0	1	0	0
3	Flag leaf: anthocyanin coloration of auricule	0,00	0	1	0	0
4	Flag leaf: intensity of anthocyanin coloration	0,00	1	0	0	0
5	Plant: frequency of plants with recurved flag	1,00	3	7	0	0
6	Flag leaf: glaucosity of sheath	1,00	7	3	0	0
7	Time of ear emergence (first spikelet visible)	0,00	3	0	0	0
8	Awns: anthocyanin coloration of tips	0,00	0	9	0	0
9	Awns: intensity of anthocyanin coloration of	1,00	1	5	0	0
11	Ear: attitude	1,00	4	8	0	0
12	Plant: length (stem, ear and awns)	0,00	5	5	0	0
14	Ear:shape	1,00	3	5	0	0
15	Ear:density	0,00	4	5	0	0
16	Ear:length (excluding awns)	0,00	5	7	0	0
17	Awn: length (compared to ear)	1,00	5	7	0	0
19	Rachis: curvature of first segment	1,00	3	7	0	0
22	Grain: rachilla hair type	0,00	0	2	0	0
23	Grain: husk	0,00	0	9	0	0
26	Grain: hairiness of ventral furrow	0,00	0	1	0	0
27	Grain: disposition of lodicules	1,00	1	2	0	0
29	Seasonal type	0,00	2	0	0	0

# Example where no comparison is possible

Gaia - [Visualisation des comparaisons (Arbre) \*]

Fichier Base de données Référentiel Comparaison Fenêtre Aide

Liste des comparaisons

N° Comparaison	Type Comparaison	Libellé de la comparaison	Espèce	Session
3	Qualitative	Alfa	BARLEY ALFA	Alfa seuil 50
5	Qualitative	Annabel	BARLEY ANNABEL	Annabel seuil 50
6	Qualitative	Artist	BARLEY ARTIST	Artiste seuil 50
7	Qualitative	Barke	BARLEY BARKE	Barke seuil 50
8	Qualitative	Binal	BARLEY BINAL	Binal seuil 50

Afficher l'arbre de visualisation Rapide

Comparaison avec un seuil de 50

Comparaison Qualitative

Variétés NON distinguées [11]

AT BARKE [1][10]

- [Dist = 0] HR BARKE [1]
- [Dist = 3] DE BARKE [1]
- [Dist = 3] FR BARKE [1]
- [Dist = 4] EE BARKE [1]
- [Dist = 4] PL BARKE [1]
- [Dist = 5] DK BARKE [1]
- [Dist = 5] YU BARKE [1]
- [Dist = 6] CR BARKE [1]
- [Dist = 6] RO BARKE [1]
- [Dist = 7] CZ BARKE [1]

CR BARKE [1][10]

- [Dist = 2] HR BARKE [1]
- [Dist = 4] YU BARKE [1]
- [Dist = 5] DK BARKE [1]
- [Dist = 5] RO BARKE [1]
- [Dist = 6] AT BARKE [1]
- [Dist = 6] FR BARKE [1]
- [Dist = 7] EE BARKE [1]
- [Dist = 7] PL BARKE [1]
- [Dist = 9] DE BARKE [1]
- [Dist = 10] CZ BARKE [1]

CZ BARKE [1][10]

- [Dist = 0] HR BARKE [1]
- [Dist = 2] PL BARKE [1]
- [Dist = 3] DE BARKE [1]
- [Dist = 4] FR BARKE [1]
- [Dist = 6] YU BARKE [1]
- [Dist = 7] AT BARKE [1]
- [Dist = 7] DK BARKE [1]
- [Dist = 7] EE BARKE [1]
- [Dist = 7] RO BARKE [1]
- [Dist = 10] CR BARKE [1]

DE BARKE [1][10]

DK BARKE [1][10]

EE BARKE [1][10]

FR BARKE [1][10]

HR BARKE [1][10]

PL BARKE [1][10]

RO BARKE [1][10]

YU BARKE [1][10]

Résultats de la comparaison qualitative entre les 2 variétés courantes [26]

N° Cara	Libellé long	Poids	Note Etd/Cycle 1	Note Ref/Cycle 1	Note Etd/Cycle 2	Note Ref/Cycle 2
88	Plant: grow habit	0,00	4	0	0	0
89	Lowest leaves: hairiness of leaf sheaths	0,00	1	0	0	0
91	Flag leaf: intensity of anthocyanin coloration	0,00	7	0	0	0
92	Plant: frequency of plants with recurved flag	0,00	8	0	0	0
93	Flag leaf: glaucosity of sheath	0,00	7	0	0	0
94	Time of ear emergence (first spikelet visible)	0,00	6	0	0	0
96	Awns: intensity of anthocyanin coloration of	0,00	7	0	0	0
97	Ear: glaucosity	0,00	7	0	0	0
98	Ear: attitude	0,00	4	0	0	0
99	Plant: length (stem, ear and awns)	0,00	7	0	0	0
100	Ear: number of rows	0,00	1	0	0	0
101	Ear: shape	0,00	5	0	0	0
102	Ear: density	0,00	6	0	0	0
103	Ear: length (excluding awns)	0,00	5	0	0	0
104	Awn: length (compared to ear)	0,00	7	0	0	0
105	Rachis: length of first segment	0,00	3	0	0	0
106	Rachis: curvature of first segment	0,00	0	4	0	0
108	Median spikelet: length of glume and its awn	0,00	0	2	0	0
109	Grain: rachilla hair type	0,00	0	2	0	0
110	Grain: husk	0,00	0	9	0	0
111	Grain: anthocyanin coloration of nerves of le	0,00	0	1	0	0
112	Grain: spiculation of inner/lateral nerves of d	0,00	0	7	0	0
113	Grain: hairiness of ventral furrow	0,00	0	1	0	0
114	Grain: disposition of lodicules	0,00	0	2	0	0
115	Kemel: colour of aleurone layer	0,00	0	1	0	0
116	Seasonal type	0,00	0	3	0	0

Abréviation

Note Etd / Cycle = Note de la variété étudiée dans le cycle 1 ou 2

Note Ref / Cycle = Note de la variété étudiée dans le cycle 1 ou 2

Nb : Les caractères avec des notes identiques pour les deux variétés dans les 2 cycles ne sont pas affichés !

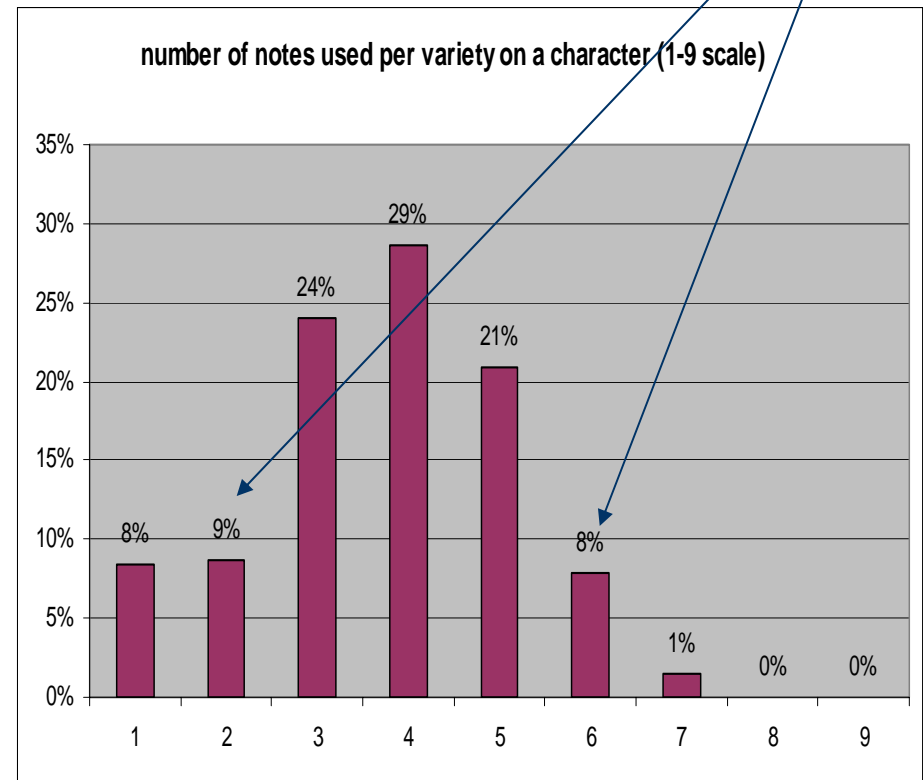
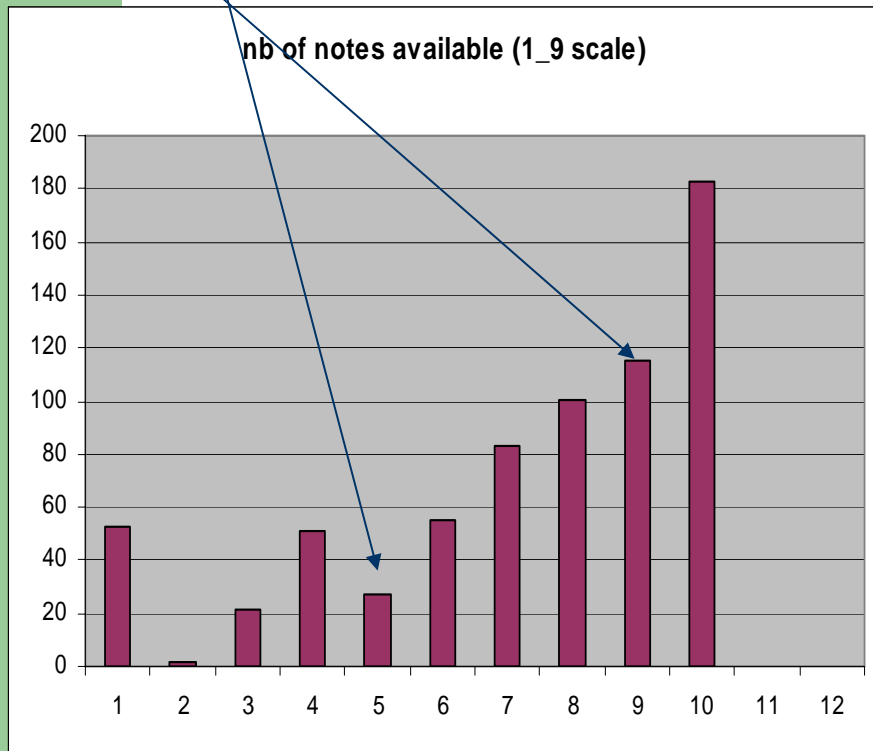


Variability is different on different varieties,  
and also differs from character to character

1	cara	name	de country	name	1	2	3	4	5	6	7	8	9
2	1	plant growth habit	5	ALFA		1	2	1	1				
3	1	plant growth habit	10	ANNABEL				1	4	3	1	1	
4	1	plant growth habit	9	ARTIST		1	1		1	3	3		
5	1	plant growth habit	10	BARKE				2	5	3			
6	1	plant growth habit	10	BINAL					9	1			
7	1	plant growth habit	9	CAMERA		2	1		2	2		1	1
8	1	plant growth habit	10	CICERO			3	1	6				
9	1	plant growth habit	1	CRISTAL				1					
10	1	plant growth habit	6	DINARAC			3	3					
11	1	plant growth habit	9	ESTEREL			2	1	5	1			
12	1	plant growth habit	10	FRAN		2	8						
13	1	plant growth habit	9	GIL			2	1	4	1	1		
14	1	plant growth habit	10	HERIS			1		5	3	1		
15	1	plant growth habit	7	JESSICA					2	1	4		
16	1	plant growth habit	9	KH AGRIA			2	1	5	1			
17	1	plant growth habit	10	KOMPAKT			2	1	5	2			
18	1	plant growth habit	4	KORCA			2		2				
19	1	plant growth habit	9	MANRICA		1			4	3	1		
20	1	plant growth habit	10	MARIA		2	6	2					
21	1	plant growth habit	10	MESSINA				1	7	2			
22	1	plant growth habit	9	NOVOSADSKI			3	1	1	2	2		
23	1	plant growth habit	9	OBZOR			1	1	1	2	4		
24	1	plant growth habit	9	ORIZONT			1	2	2	1	3		
25	1	plant growth habit	10	PRISMA			1	1	5	2	1		
26	1	plant growth habit	1	REKS					1				
27	1	plant growth habit	4	TEROVA			2		2				
28	1	plant growth habit	10	TIMOCANIN		6	3	1					
29	1	plant growth habit	6	ZLATKO			1	4	1				

Often 3 to 5 notes within the range are found for a given variety (Characters on 1-9 scale)

5	ALFA		1	2	1	1			4		
10	ANNABEL				1	4	3	1	1	5	
9	ARTIST		1	1		1	3	3		5	
10	BARKE				2	5	3			3	
10	BINAL					9	1			2	
9	CAMERA		2	1		2	2		1	1	6



## Some notes are unexpected

13	ear number of rows	6	ALFA	6						
13	ear number of rows	10	ANNABEL	10						
13	ear number of rows	9	ARTIST	9						
13	ear number of rows	10	BARKE	10						
13	ear number of rows	10	BINAL	10						
13	ear number of rows	8	CAMERA	8						
13	ear number of rows	10	CICERO	10						
13	ear number of rows	1	CRISTAL		1					
13	ear number of rows	7	DINARAC	7						
13	ear number of rows	9	ESTEREL		9					
13	ear number of rows	10	FRAN	10						
13	ear number of rows	9	GIL		9					
13	ear number of rows	10	HERIS	10						
13	ear number of rows	7	JESSICA	6		1				
13	ear number of rows	8	KH AGRIA	8						
13	ear number of rows	10	KOMPAKT	9		1				
13	ear number of rows	4	KORCA		4					
13	ear number of rows	8	MANRICA	8						
13	ear number of rows	10	MARIA	10						
13	ear number of rows	10	MESSINA	9					1	
13	ear number of rows	9	NOVOSADSKI		9					
13	ear number of rows	9	OBZOR	9						
13	ear number of rows	9	ORIZONT		9					
13	ear number of rows	10	PRISMA	9		1				
13	ear number of rows	1	REKS		1					
13	ear number of rows	4	TEROVA	4						
13	ear number of rows	10	TIMOCANIN		8	1				
13	ear number of rows	5	ZLATKO	5						

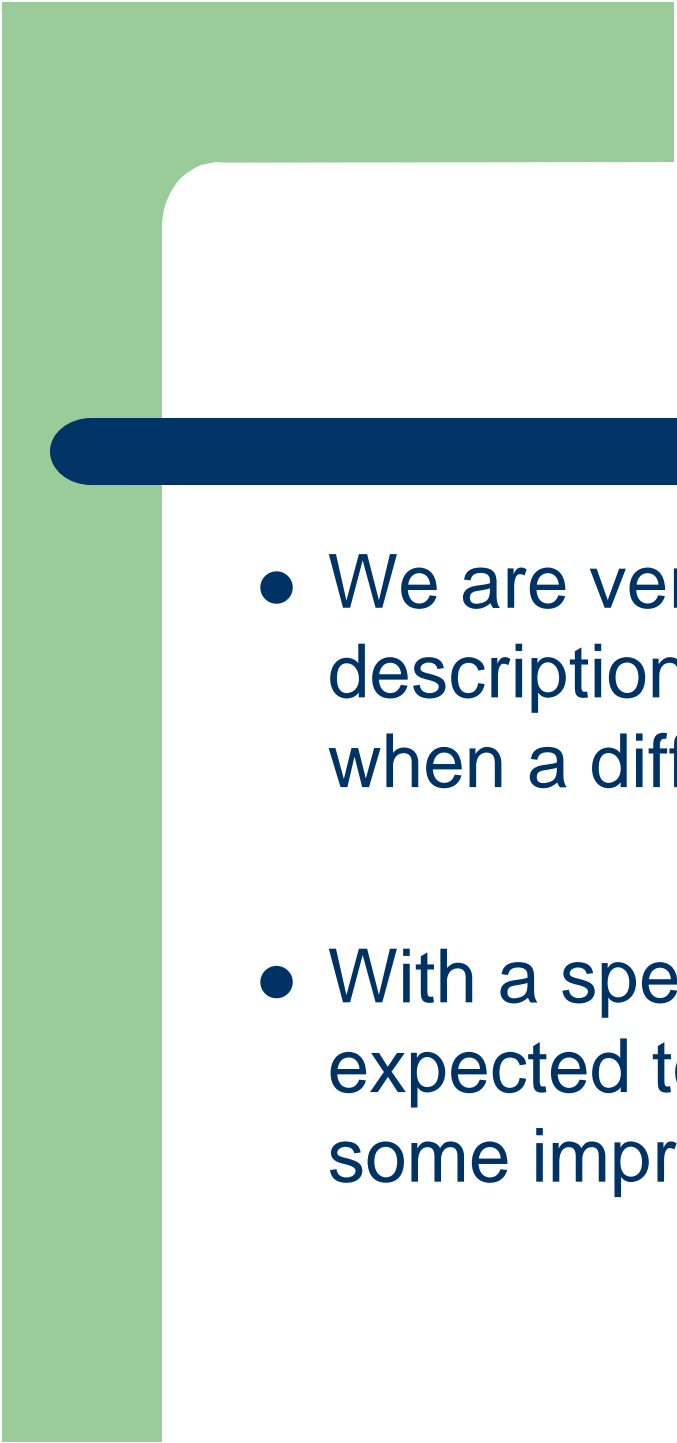

## Some notes are unexpected

(\*) 22. Grain: rachilla hair 80-92 short courte kurz Barberousse; Atem 1  
 (+) type VS long longue lang Pastoral; Alexis 2

Grain: type de pilosité de la baguette

Korn: Behaarung der Basalborste

22	ALFA	6	ALFA	5						1
22	ANNABEL	10	ANNABEL	10						
22	ARTIST	9	ARTIST	9						
22	BARKE	10	BARKE	10						
22	BINAL	10	BINAL	2 8						
22	CAMERA	8	CAMERA	7 1						
22	CICERO	10	CICERO	10						
22	CRISTAL	1	CRISTAL							1
22	DINARAC	7	DINARAC	6	1					
22	ESTEREL	9	ESTEREL	9						
22	FRAN	10	FRAN	10						
22	GIL	9	GIL	8						1
22	HERIS	10	HERIS	10						
22	JESSICA	7	JESSICA	5 1						1
22	KH AGRIA	8	KH AGRIA	7						1
22	KOMPAKT	10	KOMPAKT	10						
22	KORCA	4	KORCA	4						
22	MANRICA	8	MANRICA	7						1
22	MARIA	10	MARIA	10						
22	MESSINA	10	MESSINA	10						
22	NOVOSADSKI	9	NOVOSADSKI	8						1
22	OBZOR	9	OBZOR	8						1
22	ORIZONT	9	ORIZONT	8						1
22	PRISMA	10	PRISMA	10						
22	REKS	1	REKS	1						
22	TEROVA	4	TEROVA	4						
22	TIMOCANIN	10	TIMOCANIN	10						
22	ZLATKO	5	ZLATKO	5						

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- We are very far from equivalent descriptions in different countries, even when a difference of 2 notes is used
  - With a specific exercise, the data set was expected to be good , the study suggest some improvements can be achieved