



**TWV/32/8**

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GENEVA

**TECHNICAL WORKING PARTY FOR VEGETABLES**

**Thirty-Second Session**

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SUMMARY OF PROPOSALS ON THE TEST GUIDELINES FOR ARTICHOKE

*Document prepared by experts from France*

***This document summarises the proposals I received from the experts of the sub-group working on the guideline of ARTICHOKE.***

Experts from this group are:

Mr BAUR – GERMANY

Mr BAR-TEL – ISRAEL

Mr CALVACHE – SPAIN

and my-self : Mrs DELALANDE – FRANCE

The list hereafter are the proposals for changes in the first draft that I choose not to report on the second version, because I thought the characteristic did not suit to the species. I also want to explain my choice, so that you could agree or disagree, and anyway discuss about them :

**(the numbers refers to the last version of the proposal : the one send to UPOV in MAY 1998)**

**characteristic 5** : change for "**tone of leaf blade**" : **1 : yellow-green; 2 : green; 3 : green-green**

and also **to add the characteristic** : "**intensity of green color**" : **3 : light; 5 : medium; 7 : dark**

(proposal from SPAIN)

I did not keep this proposal because I don't know the "green-green" color; also because I was ask for the following scale : **1 yellow green, 2 medium green, 3 dark green** (ISRAEL); GERMANY ask for a **4<sup>th</sup> level : grey green** or to change to "**leaf blade : green color**" with **the level : light, medium, dark.**

So, with all these proposals, I summarise in :

**"leaf blade : green color (upper side)" : light / medium / dark**

But it's right that light green looks like yellow green.

Anyway I am not sure to be able to distinguish yellow green light from yellow green medim in the spanish scale. I think it's to much detailed.

**characteristic 17 : "height of highest lateral head"**

ISRAEL propose to change in "height of lateral in relation to central head"

I first agree with these wording, but when I return to my field to check example varieties for this wording, I saw that the lateral head is always higher than the central head. So finally I propose to keep the first wording, because it suits better with the species.

Spain propose "**length** of highest lateral flower head" : short / medium / long. I thought that height is better than length (?) : it's a distance.

**characteristic 20 : "central head : shape"**

GERMANY propose to change "**globular**" by "**circular**". To my understanding circular is 2 a dimensional characteristic, whereas globular is in 3 dimension. The level transverse elliptic is also a circular shape, but it's different from globular. So I prefer to keep "globular".

**characteristics on the base of the bract :**

at first I proposed to check : width, height and thickness

ISRAEL propose to suppress thickness

Discussing with Mr Baur, we thought that thickness is useful and propose to delete height. Meanwhile, I asked experts from INRA to show me again the way they check these 3 characteristics, and to precise their relative importance.

Finally my drawing (in my first proposal) was not good for height, that why I thought I was not useful. The height is the whitish part of the base, so it is quite easy to measure, as well as width, and also thickness.

**That's why TODAY I finally propose to KEEP the 3 characteristics (and not only width (34) and thickness(35) ) of the base.**

If necessary I will provide UPOV with a new drawing

May I ask you a short delay to propose example varieties ? I have the measures, but I did not have time to group them into 3 classes.

**characteristic 43 : "maximum order of axilar sprouting with commercial heads" – proposal from Spain -**

At first I proposed *Plant : number of flower head* – I missed the word "commercial".

ISRAEL thought it is too complicate to note and propose to delete.

SPAIN proposed to add the 3 following characteristics :

**number of stem :**

1 : one; 3 : few; 5 : medium; 7 :many

this characteristic is interesting but I am afraid it could be difficult to note – I have no example varieties -

**number of secondary shoots per stem :**

3 : few; 5: medium; 7 : many

**maximum order of axilar sprouting with commercial heads :**

3 : low (3<sup>rd</sup>); 5 : medium (4<sup>th</sup>) ; 7 : strong (5<sup>th</sup>)

I thought that the 2 last proposals are quite similar, and prefer to keep the last one.

ISRAEL should provide you with some example varieties for **characteristics 12 and 13.**

All participants ask me **to delete** characteristic "**weight of 1.000 grain**"

Of course I have no example varieties, because in France I only know 1 variety multiplied by seeds. But I think it could be a good characteristic when F1 hybrids (by seed) will arrive in the market; I will have some application in 1999, I will see, but Israel had varieties multiplied by seed (talpiot, HA 137, etc ...) perhaps it could weight them and we could compare ?

I think it is also necessary to ask, somewhere in the technical questionnaire if the **variety is a hybrid** ? (in chapter 4 of the technical questionnaire ?) – I have in collection clones, clones of hybrid (F1 and 3 ways), hybrid from seeds (F1), population or "pure line" from seeds, and it very important to know in which group a new variety is. It is also important for the **Uniformity level required.**

At the end I want to thank all the participants for their help in wording and grammar for this draft.

*Magalie DELALANDE*  
GEVES CAVAILLON – FRANCE

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