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| Technischer Ausschuss  Achtundfünfzigste Tagung Genf, 24. und 25. Oktober 2022 | TC/58/2  Original: Englisch  Datum: 6. Oktober 2022 |

Prüfungsrichtlinien

Vom Verbandsbüro erstelltes Dokument

*Haftungsausschluss: dieses Dokument gibt nicht die Grundsätze oder eine Anleitung der UPOV wieder*

Zusammenfassung

Zweck dieses Dokumentes ist es, Informationen über Entwicklungen betreffend Prüfungsrichtlinien zu erteilen und Vorschläge zur Teilüberarbeitung der Prüfungsrichtlinien zur Aufnahme von Merkmalen aus der Merkmalstabelle in den Technischen Fragebogen (TQ) für folgende Pflanzen vorzulegen

* Möhre
* Gurke
* Salat
* Mais
* Melone
* Rose
* Spinat
* Kürbis
* Tomaten-Unterlagen
* Wassermelone
* Weizen

Überarbeitung der Technischen Fragebögen der Prüfungsrichtlinien

Der TC wird ersucht, Folgendes zur Kenntnis zu nehmen:

1. Bezüglich einer Überarbeitung von Dokument TGP/7 „Erstellung von Prüfungsrichtlinien“ zur Klarstellung der unterschiedlichen Verwendung von Sternchen in den Prüfungsrichtlinien und den Merkmalen der Technischen Fragebögen sind keine Vorschläge eingegangen;
2. der Vorschlag einer Teilüberarbeitung der Prüfungsrichtlinien für Weizen ist in Dokument TC/58/29 dargelegt;
3. ein Vorschlag zur Teilüberarbeitung der Prüfungsrichtlinien für Mais, der die Überarbeitung des Merkmals 24 und des Technischen Fragebogens beinhaltet, wird auf der einundfünfzigsten Tagung der TWA vorgelegt werden;
4. der Vorschlag einer Teilüberarbeitung der Prüfungsrichtlinien für Rose ist in Dokument TC/58/27 dargelegt; und
5. die Erörterung der Vorschläge zur Teilüberarbeitung der Prüfungsrichtlinien für Gemüsearten wird auf der einundfünfzigsten Tagung der TWV fortgesetzt werden, wie in Absatz 22 dieses Dokuments dargelegt.

Zusätzliche Merkmale und Ausprägungsstufen

Der TC wird ersucht, Folgendes zur Kenntnis zu nehmen:

1. die zusätzlichen Merkmale, die dem Verbandsbüro seit der siebenundfünfzigsten Tagung des TC vorgelegt wurden, wie in Anlage X dieses Dokuments dargelegt; und ‑
2. dass die mitgeteilte ergänzende Ausprägungsstufe und das mitgeteilte zusätzliche Merkmal der TWV auf ihrer siebenundfünfzigsten Tagung vorgelegt werden, damit geprüft wird, ob sie auf der Seite der Verfasser von Prüfungsrichtlinienauf der UPOV-Website veröffentlicht werden sollen und/oder eine Teilüberarbeitung der Prüfungsrichtlinien für Spargel und Salat eingeleitet werden soll.

Zur Annahme ausstehende Prüfungsrichtlinien

Der TC wird ersucht, die Liste der Entwürfe von Prüfungsrichtlinien, die – vorbehaltlich etwaiger Änderungsvorschläge des TC-EDC – vom TC angenommen werden sollen, wie in Anlage XI dieses Dokuments dargelegt, zur Kenntnis zu nehmen;

Korrekturen an Prüfungsrichtlinien

Der TC wird ersucht, die Berichtigungen zur Kenntnis zu nehmen, die an den angenommenen Prüfungsrichtlinien für Schwarznuss (Dokument TG/332/1), Chrysantheme (Dokument TG/26/5 Corr. 2 Rev.) und Purpurglöckchen; Bastardschaumblüte (Dokument TG/280/1), wie in Absatz 53 dieses Dokuments dargelegt, vorgenommen wurden.

Von den Technischen Arbeitsgruppen im Jahr 2022 behandelte Entwürfe von Prüfungsrichtlinien

Der TC wird ersucht, die von den Technischen Arbeitsgruppen auf ihren Tagungen im Jahr 2022 erörterten Entwürfe von Prüfungsrichtlinien, wie in Anlage XII dieses Dokuments dargelegt, zur Kenntnis zu nehmen.

Im Jahr 2022 auf dem Schriftweg angenommene Prüfungsrichtlinien

Der TC wird ersucht, die auf dem Schriftweg angenommenen Entwürfe von Prüfungsrichtlinien, wie in Anlage XIII dieses Dokuments dargelegt, zur Kenntnis zu nehmen.

Von den Technischen Arbeitsgruppen im Jahr 2023 zu behandelnde Entwürfe von Prüfungsrichtlinien

Der TC wird ersucht, das Programm für die Erstellung neuer Prüfungsrichtlinien und für die Überarbeitung von angenommenen Prüfungsrichtlinien, wie in Anlage XIV dieses Dokuments dargelegt, zu prüfen.

Stand der bestehenden Prüfungsrichtlinien oder der Entwürfe von Prüfungsrichtlinien

Der TC wird ersucht, die Liste bereits vorhandener Prüfungsrichtlinien, die auf der Webseite der UPOV (vergleiche: <https://www.upov.int/test_guidelines/de/list.jsp>) veröffentlicht ist, zur Kenntnis zu nehmen.

Ersetzte Prüfungsrichtlinien

Der TC wird ersucht, zur Kenntnis zu nehmen, dass die ersetzten Fassungen von Prüfungsrichtlinien auf der Seite „Ersetzte Prüfungsrichtlinien“ der UPOV-Webseite verfügbar sind (<https://www.upov.int/test_guidelines/de/list_supersede.jsp)>

Dieses Dokument ist folgendermaßen gegliedert:

[Zusammenfassung 1](#_Toc117453867)

[Überarbeitung der Technischen Fragebögen der Prüfungsrichtlinien 3](#_Toc117453868)

[Beziehung zwischen Merkmalen mit Sternchen, Gruppierungsmerkmalen und im Technischen Fragebogen enthaltenen Merkmalen 3](#_Toc117453869)

[Vorschläge zur Teilüberarbeitung der Prüfungsrichtlinien 4](#_Toc117453870)

[Prüfung durch die Technischen Arbeitsgruppen auf ihren Tagungen im Jahr 2022 5](#_Toc117453871)

[Zusätzliche Merkmale / Ausprägungsstufen 6](#_Toc117453872)

[Zusätzliche Ausprägungsstufe: TG/130/4 Spargel 6](#_Toc117453873)

[Zusätzliches Merkmal: TG/13/11 Salat 6](#_Toc117453874)

[Zur Annahme ausstehende Prüfungsrichtlinien 6](#_Toc117453875)

[Korrekturen an Prüfungsrichtlinien 7](#_Toc117453876)

[Von den Technischen Arbeitsgruppen im Jahr 2022 behandelte Entwürfe von Prüfungsrichtlinien 7](#_Toc117453877)

[Von den Technischen Arbeitsgruppen im Jahr 2023 zu behandelnde Entwürfe von Prüfungsrichtlinien 8](#_Toc117453881)

[Vorschläge der Technischen Arbeitsgruppen 8](#_Toc117453882)

[Stand der bestehenden Prüfungsrichtlinien oder der Entwürfe von Prüfungsrichtlinien 9](#_Toc117453883)

[Ersetzte Prüfungsrichtlinien 9](#_Toc117453884)

ANLAGE I Teilüberarbeitung der Prüfungsrichtlinien für Mais

ANLAGE II Teilüberarbeitung der Prüfungsrichtlinien für Salat

ANLAGE III Teilüberarbeitung der Prüfungsrichtlinien für Möhre

ANLAGE IV Teilüberarbeitung der Prüfungsrichtlinien für Spinat

ANLAGE V Teilüberarbeitung der Prüfungsrichtlinien für Salatgurke

ANLAGE VI Teilüberarbeitung der Prüfungsrichtlinien für Melone

ANLAGE VII Teilüberarbeitung der Prüfungsrichtlinien für Kürbis

ANLAGE VIII Teilüberarbeitung der Prüfungsrichtlinien für Wassermelone

ANLAGE IX Teilüberarbeitung der Prüfungsrichtlinien für Tomaten-Unterlage

ANLAGE X Zusätzliche Merkmale und Ausprägungsstufen

ANLAGE XI Prüfungsrichtlinien, die zur Annahme durch den TC auf seiner achtundfünfzigsten Tagung anstehen

ANLAGE XII Von den Technischen Arbeitsgruppen im Jahr 2022 behandelte Entwürfe von Prüfungsrichtlinien

ANLAGE XIII Entwürfe von Prüfungsrichtlinien, die im Jahr 2022 auf dem Schriftweg angenommen wurden

ANLAGE XIV Von den Technischen Arbeitsgruppen im Jahr 2023 zu behandelnde Entwürfe von Prüfungsrichtlinien

In diesem Dokument werden folgende Abkürzungen verwendet:

TC: Technischer Ausschuss

TC-EDC: Erweiterter Redaktionsausschuss

TWA: Technische Arbeitsgruppe für landwirtschaftliche Arten

TWF: Technische Arbeitsgruppe für Obstarten

TWM: Technische Arbeitsgruppe für Prüfmethoden und -techniken

TWO: Technische Arbeitsgruppe für Zierpflanzen und forstliche Baumarten

TWP: Technische Arbeitsgruppen

TWV: Technische Arbeitsgruppe für Gemüsearten

# Überarbeitung der Technischen Fragebögen der Prüfungsrichtlinien

Der Hintergrund zu dieser Angelegenheiten ist in Dokument TC/57/2 „Prüfungsrichtlinien“ dargelegt.

Der TC vereinbarte auf seiner sechsundfünfzigsten Tagung[[1]](#footnote-2), das Verbandsbüro zu ersuchen, beteiligte Verbandsmitglieder zu konsultieren, um zu sondieren, für welche Prüfungsrichtlinien es machbar wäre, Teilüberarbeitungen vorzuschlagen, die es den Verbandsmitgliedern ermöglichen würden, einem überarbeiteten Technischen Fragebogen der UPOV zu folgen (vergleiche Dokument TC/56/23 „Bericht“, Absatz 79).

## Beziehung zwischen Merkmalen mit Sternchen, Gruppierungsmerkmalen und im Technischen Fragebogen enthaltenen Merkmalen

Das Dokument TGP/7 „Erstellung von Prüfungsrichtlinien“, GN13, legt fest, dass die Merkmale im Technischen Fragebogen in der Regel in der Merkmalstabelle ein Sternchen erhalten und als Gruppierungsmerkmale verwendet werden sollten. Die von den UPOV-Mitgliedern über die angeforderten Technischen Fragebögen erteilten Informationen zeigen, dass in den technischen Fragebögen der Behörden mehr Merkmale verwendet werden als derzeit in den Technischen Fragebögen der UPOV-Prüfungsrichtlinien angegeben.

Die TWP vereinbarten auf ihren Tagungen im Jahr 2021, die Hinzufügung von Sternchen dort, wo die vorgeschlagenen neuen TQ-Merkmale derzeit kein Sternchen in der Merkmalstabelle haben, nicht in Betracht zu ziehen und die Hinzufügung von Sternchen bei der nächsten vollständigen Überarbeitung der betreffenden Prüfungsrichtlinien weiter zu prüfen.

Die TWP wurden auf ihren Tagungen im Jahr 2021 ersucht zu prüfen, ob die Anleitung in Dokument TGP/7 „Erstellung von Prüfungsrichtlinien“ betreffend die Beziehung zwischen Sternchen in den Prüfungsrichtlinien und Merkmalen im Technischen Fragebogen auf Grundlage der von Verbandsmitgliedern übermittelten Informationen überarbeitet werden sollte.

Die TWP nahmen auf ihren Tagungen im Jahr 2022 zur Kenntnis, dass bezüglich einer Überarbeitung von Dokument TGP/7 „Erstellung von Prüfungsrichtlinien“ zur Klarstellung der unterschiedlichen Verwendung von Sternchen in den Prüfungsrichtlinien und den Merkmalen der Technischen Fragebögen keine Vorschläge eingegangen sind; (Vergleiche die Dokumente TWA/51/11 „Bericht“, Absatz 64; TWF/53/14, „Bericht“, Absatz 112; TWM/1/26 „Bericht“, Absatz 8, TWO/54/6 „Bericht“, Absatz 23; und TWV/56/22 „Bericht“, Absatz 101).

*Der TC wird ersucht, zur Kenntnis zu nehmen, dass bezüglich einer Überarbeitung von Dokument TGP/7 „Erstellung von Prüfungsrichtlinien“ zur Klarstellung der unterschiedlichen Verwendung von Sternchen in den Prüfungsrichtlinien und den Merkmalen der Technischen Fragebögen keine Vorschläge eingegangen sind.*

## Vorschläge zur Teilüberarbeitung der Prüfungsrichtlinien

Der TC vereinbarte auf seiner siebenundfünfzigsten Tagung[[2]](#footnote-3), dass die folgenden Prüfungsrichtlinien zur Aufnahmen von Merkmalen in die Technischen Fragebögen teilweise zu überarbeiten seien:

* TWV

| **TG-Referenz** | **Prüfungsrichtlinien landesüblicher Name** | **Anlage** |
| --- | --- | --- |
| TG/2/7 | Mais | [Anlage I](#_Test_Guidelines_for) |
| TG/13/11 | Salat | [Anlage II](#_Test_Guidelines_for_1) |
| TG/49/8 Corr. | Möhre | [Anlage III](#_Test_Guidelines_for_2) |
| TG/55/7 Rev. 5 | Spinat | [Anlage IV](#_Test_Guidelines_for_3) |
| TG/61/7 Rev. 2 | Salatgurke, Einlegegurke | [Anlage V](#_Test_Guidelines_for_4) |
| TG/104/5 Rev. | Melone | [Anlage VI](#_Test_Guidelines_for_5) |
| TG/119/4 | Gartenkürbis, Kürbis | [Anlage VII](#_Test_Guidelines_for_6) |
| TG/142/5 | Wassermelone | [Anlage VIII](#_Test_Guidelines_for_7) |
| TG/294/1 Corr. Rev. 2 | Tomaten-Unterlagen | [Anlage IX](#_Test_Guidelines_for_8) |

* TWO:

| **TG-Referenz** | **Prüfungsrichtlinien landesüblicher Name** |  |
| --- | --- | --- |
| TG/11/8 Rev. | Rose | Vergleiche Dokument TC/58/27 |

* TWA:

| **TG-Referenz** | **Prüfungsrichtlinien landesüblicher Name** | **Anlage** |
| --- | --- | --- |
| TG/2/7 | Mais | [Anlage I](#_Test_Guidelines_for) |
| TG/3/12 | Weizen | Vergleiche Dokument TC/58/29 |

Die Vorschläge einer Teilüberarbeitung der Prüfungsrichtlinien zur Aufnahme von Merkmalen aus der Merkmalstabelle in die Technischen Fragebögen sind in den Anlagen I bis IX dieses Dokuments sowie in den Dokumenten TC/58/27 und TC/58/29 im Überarbeitungsmodus angezeigt. Die Merkmale aus der Merkmalstabelle, deren Aufnahme in den Technischen Fragebogen vorgeschlagen wird, sind grau unterlegt und unterstrichen. Neben jedem Vorschlag sind Informationen dazu angegeben, ob Merkmale in der Merkmalstabelle ein Sternchen (\*) aufweisen.

### Prüfung durch die Technischen Arbeitsgruppen auf ihren Tagungen im Jahr 2022

#### Technische Arbeitsgruppe für landwirtschaftliche Arten

65. Auf ihrer einundfünfzigsten Tagung prüfte die TWA die Vorschläge einer Teilüberarbeitung der Prüfungsrichtlinien für Mais und Weizen, wie in Dokument TWP/610, Absatz 23 und den Anlagen I und XI dargelegt (vergleiche Dokument TWA/51/11 „Bericht", Absätze 63 bis 67).

66. Die TWA vereinbarte, eine Teilüberarbeitung der Prüfungsrichtlinien für Weizen, wie in Dokument TWP/6/10, Absatz 23 und Anlage XI dargelegt, vorzuschlagen. Die Teilüberarbeitung der Prüfungsrichtlinien für Weizen ist in Dokument TC/58/29 wiedergegeben.

67. Die TWA vereinbarte, die Gespräche über die Teilüberarbeitung der Prüfungsrichtlinien für Mais auf ihrer zweiundfünfzigsten Tagung fortzusetzen; ferner vereinbarte sie, Frau Bronislava Bátorová (Europäische Union) einzuladen, einen neuen Entwurf zur Klarstellung des Wortlauts der Optionen „nicht zutreffend“ vorzulegen und die Merkmale 24.1 und 24.2 „Pflanze: Länge“ zu überarbeiten.

#### Technische Arbeitsgruppe für Zierpflanzen und forstliche Baumarten

Auf ihrer vierundfünfzigsten Tagung vereinbarte die TWO, die Teilüberarbeitung der Prüfungsrichtlinien für Rose vorzuschlagen, wie in Dokument TWP/6/10, Absatz 23 und Anlage X dargelegt (vergleiche Dokument TWO/54/6 „Bericht", Absatz 81). Die Teilüberarbeitung der Prüfungsrichtlinien für Rose ist in Dokument TC/58/27 wiedergegeben.

#### Technische Arbeitsgruppe für Gemüsearten

Die TWV prüfte die Vorschläge für Teilüberarbeitungen der Prüfungsrichtlinien für Mais, Salat, Möhre, Spinat, Gurke, Melone, Kürbis, Wassermelone und Tomatenunterlagen, wie in Dokument TWP/6/10, Absatz 25 und den Anlagen I bis IX (vergleiche Dokument TWV/56/11 „Bericht“, Absätze 102 und 103) dargelegt.

Die TWV stellte fest, dass zu den Vorschlägen weitere Stellungnahmen eingegangen seien und es nicht möglich sei, während der Tagung zu einem Ergebnis zu kommen. Die TWV vereinbarte, die Erörterung auf ihrer siebenundfünfzigsten Tagung fortzusetzen und ersuchte Frau Bronislava Bátorová (Europäische Union), bezüglich des Technischen Fragebogens für Mais einen neuen Vorschlag vorzulegen, der die Formulierung „nicht zutreffend“ für Ausprägungsstufen bei Gründen für den Ausschluss von der Erfassung klarstellt.

*Der TC wird ersucht, Folgendes zur Kenntnis zu nehmen:*

*a) der Vorschlag einer Teilüberarbeitung der Prüfungsrichtlinien für Weizen ist in Dokument TC/58/29 dargelegt;*

*b) ein Vorschlag zur Teilüberarbeitung der Prüfungsrichtlinien für Mais, der die Überarbeitung des Merkmals 24 und des Technischen Fragebogens beinhaltet, wird auf der einundfünfzigsten Tagung der TWA vorgelegt werden;*

*c) der Vorschlag einer Teilüberarbeitung der Prüfungsrichtlinien für Rose ist in Dokument TC/58/27 dargelegt; und*

*d) die Erörterung der Vorschläge zur Teilüberarbeitung der Prüfungsrichtlinien für Gemüsearten wird auf der einundfünfzigsten Tagung der TWV fortgesetzt werden, wie in Absatz 22 dieses Dokuments dargelegt.*

# Zusätzliche Merkmale / Ausprägungsstufen

Das Dokument TGP/5 Abschnitt 10/3 „Erfahrung und Zusammenarbeit bei der DUS-Prüfung, Abschnitt 10: Mitteilung zusätzlicher Merkmale und Ausprägungsstufen“ legt fest, dass „Vorschläge für zusätzliche Merkmale und Ausprägungsstufen, die dem Verbandsbüro mittels des Dokuments TGP/5 Abschnitt 10 mitgeteilt werden, der (den) entsprechenden Technischen Arbeitsgruppe(n) (TWP)) so bald wie möglich mit Informationen unter Angabe des Umfangs der Verwendung der Merkmale dargelegt werden. Die Merkmale werden dann aufgrund der Bemerkungen der entsprechenden TWP gegebenenfalls in die Webseite für Verfasser von Prüfungsrichtlinien der UPOV-Webseite aufgenommen (<https://www.upov.int/resource/en/tg_drafters.html>) und/oder die TWP leiten eine Überarbeitung oder eine Teilüberarbeitung der betreffenden Prüfungsrichtlinien ein.“

Das Verbandsbüro der UPOV erhielt seit der siebenundfünfzigsten Tagung des Technischen Ausschusses Mitteilungen über die folgenden zusätzlichen Merkmale oder Ausprägungsstufen. Die mitgeteilten zusätzlichen Merkmale oder Ausprägungsstufen werden der TWV auf ihrer siebenundfünfzigsten Tagung vorgelegt werden, damit geprüft wird, ob sie auf der Webseite der Verfasser von Prüfungsrichtliniender UPOV-Webseite veröffentlicht werden sollen und/oder ob eine Überarbeitung oder Teilüberarbeitung der betreffenden Prüfungsrichtlinien eingeleitet werden soll.

Von der Europäischen Union mitgeteilt (vergleiche: Anlage X (nur auf Englisch)):

### Zusätzliche Ausprägungsstufe: TG/130/4 Spargel

### - Merkm. 16: Blühtyp

## 

### Zusätzliches Merkmal: TG/13/11 Salat

- Merkm. „Resistenz gegen *Bremia lactucae* (Bl) Isolat PT2036“

Der TC wird ersucht, Folgendes zur Kenntnis zu nehmen:

a) die zusätzlichen Merkmale, die dem Verbandsbüro seit der siebenundfünfzigsten Tagung des TC vorgelegt wurden, wie in Anlage X dieses Dokuments dargelegt; und

b) dass die mitgeteilte ergänzende Ausprägungsstufe und das mitgeteilte zusätzliche Merkmal der TWV auf ihrer siebenundfünfzigsten Tagung vorgelegt werden, damit geprüft wird, ob sie auf der Seite der Verfasser von Prüfungsrichtlinienauf der UPOV-Website veröffentlicht werden sollen und/oder eine Teilüberarbeitung der Prüfungsrichtlinien für Spargel und Salat eingeleitet werden soll.

Zur Annahme ausstehende Prüfungsrichtlinien

Der TC nahm auf seiner siebenundvierzigsten Tagung vom 4. bis 6. April 2011 in Genf zur Kenntnis, dass der Rat auf seiner dreiundvierzigsten ordentlichen Tagung vom 22. Oktober 2009 in Genf die Praxis gebilligt habe, nach der die Prüfungsrichtlinien vom TC im Auftrag des Rates aufgrund des vom Rat gebilligten Arbeitsprogramms angenommen werden, ohne dass die einzelnen Prüfungsrichtlinien dem Rat zur Prüfung vorgelegt werden (vergleiche Dokument C/43/17 „Bericht“ Absatz 38).

Auf seiner fünfundfünfzigsten ordentlichen Tagung am 29. Oktober 2021 in Genf billigte der Rat die Arbeiten des TC und die dem TC berichteten Arbeitsprogramme der TWP und BMT, wie in Dokument TC/57/25 „Bericht“ (vergleiche Dokument C/55/18 „Bericht“, Absatz 50) dargelegt.

Anlage XI dieses Dokuments enthält die Liste der zur Annahme durch die TWV, TWA, TWO und TWF auf ihren Tagungen im Jahre 2022 vorgeschlagenen Entwürfe von Prüfungsrichtlinien, die vom TC-EDC auf seiner Tagung am 18. und 19. Oktober 2021 geprüft werden.

Der TC wird ersucht, die Liste der Entwürfe von Prüfungsrichtlinien, die – vorbehaltlich etwaiger Änderungsvorschläge des TC-EDC – vom TC angenommen werden sollen, wie in Anlage XI dieses Dokuments dargelegt, zur Kenntnis zu nehmen;

Korrekturen an Prüfungsrichtlinien

Die folgenden Berichtigungen von Prüfungsrichtlinien wurden seit der siebenundfünfzigsten Tagung des TC vorgenommen und auf der UPOV-Website veröffentlicht:

a) TG/332/1 Schwarznuss

Die Berichtigung betrifft die folgenden Punkte:

* Merkmal 19: Berichtigung der Beispielssorten, die in umgekehrter Reihenfolge zwischen Ausprägungsstufe 1 und 3 angegeben sind

b) TG/26/5 Corr. 2 Rev. Chrysantheme

Die Berichtigung betrifft die folgenden Punkte:

* Merkmal 28: Die französische bzw. deutsche Übersetzung soll wie folgt lauten: „*Variétés buissonnantes seulement*“ bzw. „*Nur buschige Sorten*“

c) TG/280/1 Purpurglöckchen; Bastardschaumblüte / Dokument TGP/14 „Glossar der in den UPOV-Dokumenten verwendeten Begriffe“

Die Berichtigung betrifft die folgenden Punkte:

* Abschnitt 8.2 Praktisches Beispiel zwei – Venus (Sorte mit mehreren Blattfarben), 45: Blattspreite: Farbe drei: Verteilung: soll lauten: „Zwischen den Adern im ~~Zwischen~~Mittelbereich (5)“
* Diese Erläuterung ist auch in Dokument TGP/14 „Glossar der in den UPOV-Dokumenten verwendeten Begriffe“ wiedergegeben und würde dementsprechend berichtigt.

Der TC wird ersucht, die Berichtigungen zur Kenntnis zu nehmen, die an den angenommenen Prüfungsrichtlinien für Schwarznuss (Dokument TG/332/1), Chrysantheme (Dokument TG/26/5 Corr. 2 Rev.) und Purpurglöckchen; Bastardschaumblüte (Dokument TG/280/1), wie in Absatz 53 dieses Dokuments dargelegt, vorgenommen wurden.

Von den Technischen Arbeitsgruppen im Jahr 2022 behandelte Entwürfe von Prüfungsrichtlinien

Die von den Technischen Arbeitsgruppen auf ihren Tagungen im Jahr 2022 erörterten Prüfungsrichtlinien sind in Anlage XII dieses Dokuments wiedergegeben.

Der TC wird ersucht, die von den Technischen Arbeitsgruppen auf ihren Tagungen im Jahr 2022 erörterten Entwürfe von Prüfungsrichtlinien, wie in Anlage XII dieses Dokuments dargelegt, zur Kenntnis zu nehmen.

Im Jahr 2022 auf dem Schriftweg angenommene Prüfungsrichtlinien

## Hintergrund

Auf seiner vierunddreißigsten außerordentlichen Tagung am 6. April 2017 in Genf entschied der Rat, eine einzige Tagungsreihe in dem Zeitraum von Oktober bis November 2018 zu organisieren (vergleiche Dokument C(Extr.) /34/6 „Bericht über die Entscheidungen”, Absätze 12 bis 14). Ab 2018 würden die Tagungen des TC im Oktober/November statt im März/April stattfinden.

Der Rat entschied, den Vorschlag des TC auf seiner dreiundfünfzigsten Tagung anzunehmen, dass Prüfungsrichtlinien, die nicht rechtzeitig für die Annahme durch den Technischen Ausschuss auf dessen Tagung erstellt werden können, aufgrund der Empfehlungen des TC-EDC auf dem Schriftweg angenommen werden können.

## Annahmen auf dem Schriftweg

Der TC-EDC prüfte auf seiner Tagung vom 22. März 2022 in Genf die Entwürfe von Prüfungsrichtlinien, die zur Annahme durch die TWP vorgelegt worden waren. Der TC-EDC empfahl - vorbehaltlich etwaiger redaktioneller Änderungen - die Annahme auf dem Schriftweg der in Anlage XII dieses Dokuments dargelegten Prüfungsrichtlinien.

Am 12. August 2022 versandte das Verbandsbüro das Rundschreiben E-22/119 mit dem Vorschlag, die überarbeiteten Prüfungsrichtlinien unter Einarbeitung der vom TC-EDC empfohlenen redaktionellen Änderungen auf dem Schriftweg anzunehmen. Beim Verbandsbüro gingen keine Einwände ein, und die Prüfungsrichtlinien wurden als vom TC auf dem Schriftweg angenommen betrachtet.

*Der TC wird ersucht, die auf dem Schriftweg angenommenen Entwürfe von Prüfungsrichtlinien, wie in Anlage XIII dieses Dokuments dargelegt, zur Kenntnis zu nehmen.*

Von den Technischen Arbeitsgruppen im Jahr 2023 zu behandelnde Entwürfe von Prüfungsrichtlinien

## Vorschläge der Technischen Arbeitsgruppen

Für ihre Tagungen im Jahre 2023 schlugen die TWP vor, die Erstellung neuer Prüfungsrichtlinien oder die Überarbeitung angenommener Prüfungsrichtlinien, wie in Anlage XIV dieses Dokuments aufgeführt, zu erörtern.

Der TC wird ersucht, das Programm für die Erstellung neuer Prüfungsrichtlinien und für die Überarbeitung von angenommenen Prüfungsrichtlinien, wie in Anlage XIV dieses Dokuments dargelegt, zu prüfen.

Stand der bestehenden Prüfungsrichtlinien oder der Entwürfe von Prüfungsrichtlinien

Die Liste bereits vorhandener Prüfungsrichtlinien ist auf der Webseite der UPOV (vergleiche: <https://www.upov.int/test_guidelines/de/list.jsp>) veröffentlicht.

Die Entwürfe von Prüfungsrichtlinien werden als vorläufige Arbeitsdokumente auf den jeweiligen Seiten der Technischen Arbeitsgruppen veröffentlicht und bekommen erst einen Status, wenn sie vom Technischen Ausschuss angenommen werden (verfügbar unter: <https://www.upov.int/meetings/de/topic.jsp>).

Der TC wird ersucht, die Liste bereits vorhandener Prüfungsrichtlinien, die auf der Webseite der UPOV (vergleiche: <https://www.upov.int/test_guidelines/de/list.jsp>) veröffentlicht ist, zur Kenntnis zu nehmen.

Ersetzte Prüfungsrichtlinien

Die ersetzten Fassungen von Prüfungsrichtlinien sind auf der Seite „Ersetzte Prüfungsrichtlinien“ auf der UPOV-Webseite verfügbar. <https://www.upov.int/test_guidelines/de/list_supersede.jsp>).

Der TC wird ersucht, zur Kenntnis zu nehmen, dass die ersetzten Fassungen von Prüfungsrichtlinien auf der Seite „Ersetzte Prüfungsrichtlinien“ der UPOV-Webseite verfügbar sind  *(*[*https://www.upov.int/test\_guidelines/de/list\_supersede.jsp*](https://www.upov.int/test_guidelines/de/list_supersede.jsp)*).*

Abkürzungen

TWA Technische Arbeitsgruppe für landwirtschaftliche Arten

TWF Technische Arbeitsgruppe für Obstarten

TWO Technische Arbeitsgruppe für Zierpflanzen und forstliche Baumarten

TWP Technische Arbeitsgruppen

TWV Technische Arbeitsgruppe für Gemüsearten

A angenommen

\*\* ISO-Code des Landes, das bei der Erstellung der Prüfungsrichtlinien federführend ist

proj.x: jüngstes Dokument, das der(n) entsprechenden TWP/TC vorgelegt wurde

proj.nov: kein bestehendes Dokument

2022\* von der/den entsprechenden TWP im Jahre 2022 behandelter „endgültiger" Entwurf von Prüfungsrichtlinien

2022 von der/den entsprechenden TWP im Jahre 2022 behandelte Prüfungsrichtlinien

TC/58 zur Annahme durch den TC auf seiner achtundfünfzigsten Tagung (2022) zu prüfen

TC-EDC/März23 vom Erweiterten Redaktionsausschuss auf seiner Tagung im März 2023 zur Annahme auf dem Schriftweg durch den TC zu prüfen

2023\* von der/den entsprechenden TWP im Jahre 2023 zu behandelnder „endgültiger" Entwurf von Prüfungsrichtlinien

2023 von der/den entsprechenden TWP im Jahre 2023 zu behandelnde Prüfungsrichtlinien

[Anlage I folgt]

Test Guidelines for Maize (document TG/2/7)

The proposed additions to TQ 5 are presented in highlight and underline.

| TECHNICAL QUESTIONNAIRE | | Page {x} of {y} | Reference Number: | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | |  |  | | | |
| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). | | | | | | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.1 (1)** | **First leaf: anthocyanin coloration of sheath** | | |  |  | |
|  | absent or very weak | | | 0674, Jubilee (SC) | 1[ ] | |
|  | very weak to weak | | |  | 2[ ] | |
|  | weak | | | MO17, Puma (SC) | 3[ ] | |
|  | weak to medium | | |  | 4[ ] | |
|  | medium | | | F252,  Gyöngymazsola (SC) | 5[ ] | |
|  | medium to strong | | |  | 6[ ] | |
|  | strong | | | F244 | 7[ ] | |
|  | strong to very strong | | |  | 8[ ] | |
|  | very strong | | |  | 9[ ] | |
| **5.~~1~~ 2 (8)** | **Tassel: time of anthesis** | | |  |  | |
|  | very early | | |  | 1 [ ] | |
|  | very early to early | | | KW1069, Spirit (SC) | 2 [ ] | |
|  | early | | | Champ (SC), F257 | 3 [ ] | |
|  | early to medium | | | Centurion (SC), F259 | 4 [ ] | |
|  | medium | | | F522, Zenith (SC) | 5 [ ] | |
|  | medium to late | | | A632 | 6 [ ] | |
|  | late | | | B73 | 7 [ ] | |
|  | late to very late | | | AM1513 | 8 [ ] | |
|  | very late | | |  | 9 [ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.~~2~~ 3 (9)** | **Tassel: anthocyanin coloration at base of glume** | | |  |  | |
|  | absent or very weak | | | Royalty (SC), W117 | 1[ ] | |
|  | very weak to weak | | |  | 2[ ] | |
|  | weak | | | Boston (SC), F66 | 3[ ] | |
|  | weak to medium | | |  | 4[ ] | |
|  | medium | | | F107 | 5[ ] | |
|  | medium to strong | | |  | 6[ ] | |
|  | strong | | | EP1 | 7[ ] | |
|  | strong to very strong | | |  | 8[ ] | |
|  | very strong | | |  | 9[ ] | |
| **5.4 (10)** | **Tassel: anthocyanin coloration of glumes excluding base** | | |  |  | |
|  | absent or very weak | | | Empire (SC), F259 | 1[ ] | |
|  | very weak to weak | | |  | 2[ ] | |
|  | weak | | | F2, Royalty (SC) | 3[ ] | |
|  | weak to medium | | |  | 4[ ] | |
|  | medium | | | Centurion (SC), WD36 | 5[ ] | |
|  | medium to strong | | |  | 6[ ] | |
|  | strong | | | W79A | 7[ ] | |
|  | strong to very strong | | |  | 8[ ] | |
|  | very strong | | |  | 9[ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.5 (11)** | **Tassel: anthocyanin coloration of anthers** | | |  |  | |
|  | absent or very weak | | | A654, Empire (SC) | 1[ ] | |
|  | very weak to weak | | |  | 2[ ] | |
|  | weak | | | F2, Royalty (SC) | 3[ ] | |
|  | weak to medium | | |  | 4[ ] | |
|  | medium | | | Centurion (SC), W182E | 5[ ] | |
|  | medium to strong | | |  | 6[ ] | |
|  | strong | | |  | 7[ ] | |
|  | strong to very strong | | |  | 8[ ] | |
|  | very strong | | |  | 9[ ] | |
| **5.6 (14)** | **Tassel: number of primary lateral branches** | | |  |  | |
|  | absent or very few | | | F7 | 1[ ] | |
|  | very few to few | | |  | 2[ ] | |
|  | few | | | F252, Mv. Aranyos (SC) | 3[ ] | |
|  | few to medium | | |  | 4[ ] | |
|  | medium | | | F244, Kokanee (SC) | 5[ ] | |
|  | medium to many | | |  | 6[ ] | |
|  | many | | | A188, Zenith (SC) | 7[ ] | |
|  | many to very many | | |  | 8[ ] | |
|  | very many | | | Suregold (SC) | 9[ ] | |
| **5.7 (15)** | **Ear: time of silk emergence** | | |  |  | |
|  | very early | | | Mv. Aranyos (SC) | 1[ ] | |
|  | very early to early | | | KW1069, Spirit (SC) | 2[ ] | |
|  | early | | | Champ (SC), F257 | 3[ ] | |
|  | early to medium | | | F259, Royalty (SC) | 4[ ] | |
|  | medium | | | Bonus (SC), F522 | 5[ ] | |
|  | medium to late | | | A632 | 6[ ] | |
|  | late | | | B73 | 7[ ] | |
|  | late to very late | | | AM1513 | 8[ ] | |
|  | very late | | |  | 9[ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.~~3~~ 8 (16)** | **Ear: anthocyanin coloration of silks** | | |  |  | |
|  | absent or very weak | | | Bonus (SC), F7, F195 | 1[ ] | |
|  | very weak to weak | | |  | 2[ ] | |
|  | weak | | | El Toro (SC), F257 | 3[ ] | |
|  | weak to medium | | |  | 4[ ] | |
|  | medium | | | F244, Gyöngymazsola (SC) | 5[ ] | |
|  | medium to strong | | |  | 6[ ] | |
|  | strong | | | W401 | 7[ ] | |
|  | strong to very strong | | |  | 8[ ] | |
|  | very strong | | |  | 9[ ] | |
| **5.~~4~~ 9 i (24.1)** | **Only inbred lines and varieties with ear type of grain: sweet or pop: Plant: length** | | |  |  | |
|  | very short | | | F7 | 1[ ] | |
|  | very short to short | | |  | 2[ ] | |
|  | short | | | W117, Spirit (SC) | 3[ ] | |
|  | short to medium | | |  | 4[ ] | |
|  | medium | | | F244, Puma (SC) | 5[ ] | |
|  | medium to long | | |  | 6[ ] | |
|  | long | | | Royalty (SC), WD36 | 7[ ] | |
|  | long to very long | | |  | 8[ ] | |
|  | very long | | | Enterprise (SC) | 9[ ] | |
|  | not applicable | | |  | [ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.~~4~~ 9 ii (24.2)** | **Only hybrids and open-pollinated varieties, excluding varieties with ear type of grain: sweet or pop: Plant: length** | | |  |  | |
|  | very short | | |  | 1[ ] | |
|  | very short to short | | |  | 2[ ] | |
|  | short | | | PR39D23 | 3[ ] | |
|  | short to medium | | |  | 4[ ] | |
|  | medium | | | PR37Y12 | 5[ ] | |
|  | medium to long | | |  | 6[ ] | |
|  | long | | | DKC5166 | 7[ ] | |
|  | long to very long | | |  | 8[ ] | |
|  | very long | | |  | 9[ ] | |
|  | not applicable | | |  | [ ] | |
| **5.10 (28)** | **Ear: length** | | |  |  | |
|  | very short | | |  | 1[ ] | |
|  | very short to short | | |  | 2[ ] | |
|  | short | | | F2 | 3[ ] | |
|  | short to medium | | |  | 4[ ] | |
|  | medium | | | A654, Spirit (SC) | 5[ ] | |
|  | medium to long | | |  | 6[ ] | |
|  | long | | | Empire (SC), MO17 | 7[ ] | |
|  | long to very long | | |  | 8[ ] | |
|  | very long | | |  | 9[ ] | |
| **5.11 (29)** | **Ear: diameter (in middle)** | | |  |  | |
|  | very small | | |  | 1[ ] | |
|  | very small to small | | |  | 2[ ] | |
|  | small | | | F7 | 3[ ] | |
|  | small to medium | | |  | 4[ ] | |
|  | medium | | | W117 | 5[ ] | |
|  | medium to large | | |  | 6[ ] | |
|  | large | | | Centurion (SC), F481 | 7[ ] | |
|  | large to very large | | |  | 8[ ] | |
|  | very large | | | Empire (SC) | 9[ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.12 (30)** | **Ear: shape** | | |  |  | |
|  | conical | | | F16, Wombat (SC) | 1[ ] | |
|  | conico-cylindrical | | | Centurion (SC), F816 | 2[ ] | |
|  | cylindrical | | | F66, GH2547 (SC) | 3[ ] | |
| **5.13 (31)** | **Ear: number of rows of grain** | | |  |  | |
|  | very few | | |  | 1[ ] | |
|  | very few to few | | |  | 2[ ] | |
|  | few | | | F257 | 3[ ] | |
|  | few to medium | | |  | 4[ ] | |
|  | medium | | | Dessert 73 (SC), F16 | 5[ ] | |
|  | medium to many | | |  | 6[ ] | |
|  | many | | | B73, Bonus (SC) | 7[ ] | |
|  | many to very many | | |  | 8[ ] | |
|  | very many | | |  | 9[ ] | |
| **5.14 (32)** | **Only varieties with ear type of grain: sweet or waxy: Ear: number of colors of grains** | | |  |  | |
|  | one | | | Jubilee (SC) | 1[ ] | |
|  | two | | | Eolrukchal-ilho, Serendipity (SC) | 2[ ] | |
|  | not applicable | | |  | [ ] | |
| **5.15 (33)** | **Only varieties with ear type of grain: sweet: Grain: intensity of yellow color** | | |  |  | |
|  | very light | | |  | 1[ ] | |
|  | very light to light | | |  | 2[ ] | |
|  | light | | | Gyöngymazsola (SC) | 3[ ] | |
|  | light to medium | | |  | 4[ ] | |
|  | medium | | | Royalty (SC) | 5[ ] | |
|  | medium to dark | | |  | 6[ ] | |
|  | dark | | | Kokanee (SC) | 7[ ] | |
|  | dark to very dark | | |  | 8[ ] | |
|  | very dark | | |  | 9[ ] | |
|  | not applicable | | |  | [ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.16 (35)** | **Only varieties with ear type of grain: sweet: Grain: width** | | |  |  | |
|  | very narrow | | |  | 1[ ] | |
|  | very narrow to narrow | | |  | 2[ ] | |
|  | narrow | | | Bonus (SC) | 3[ ] | |
|  | narrow to medium | | |  | 4[ ] | |
|  | medium | | | Jubilee (SC) | 5[ ] | |
|  | medium to broad | | |  | 6[ ] | |
|  | broad | | | Mv. Aranyos (SC) | 7[ ] | |
|  | broad to very broad | | |  | 8[ ] | |
|  | very broad | | |  | 9[ ] | |
|  | not applicable | | |  | [ ] | |
| **5.~~5~~ 17 (36)** | **Ear: type of grain** | | |  |  | |
|  | flint | | | F2 | 1 [ ] | |
|  | flint-like | | | F252 | 2 [ ] | |
|  | intermediate | | | F107 | 3 [ ] | |
|  | dent-like | | | A654 | 4 [ ] | |
|  | dent | | | W182E | 5 [ ] | |
|  | sweet | | | Jubilee (SC) | 6 [ ] | |
|  | pop | | | Iowa Pop (PC) | 7 [ ] | |
|  | waxy | | |  | 8 [ ] | |
|  | flour | | |  | 9 [ ] | |
| **5.18 (37)** | **Only varieties with ear type of grain: sweet: Ear: shrinkage of top of grain** | | |  | |  |
|  | weak | | | Zarja (SC) | | 1[ ] |
|  | weak to medium | | |  | | 2[ ] |
|  | medium | | | Merkur (SC) | | 3[ ] |
|  | medium to strong | | |  | | 4[ ] |
|  | strong | | | Dessert 73 (SC) | | 5[ ] |
|  | not applicable | | |  | | [ ] |
|  | Characteristics | | | Example Varieties | | Note |
| **5.19 (38)** | **Ear: color of top of grain** | | |  | |  |
|  | white | | | A188, Pure white (SC), Snowbelle (SC) | | 1 [ ] |
|  | yellowish white | | |  | | 2 [ ] |
|  | yellow | | | F259 | | 3 [ ] |
|  | yellow orange | | | F2, Gyöngymazsola (SC) | | 4 [ ] |
|  | orange | | | F257, GH 2547 (SC) | | 5 [ ] |
|  | red orange | | | Dynasty (SC) | | 6 [ ] |
|  | red | | |  | | 7 [ ] |
|  | purple | | |  | | 8 [ ] |
|  | brownish | | | Zenith (SC) | | 9 [ ] |
|  | blue black | | | Miheukchal | | 10 [ ] |
| **5.~~6~~ 20 (39)** | **Excluding varieties with ear type of grain: sweet: Ear: color of dorsal side of grain** | | |  | |  |
|  | white | | | F481 | 1 [ ] | |
|  | yellowish white | | | A188 | 2 [ ] | |
|  | yellow | | |  | 3 [ ] | |
|  | yellow orange | | | F66 | 4 [ ] | |
|  | orange | | | EP1 | 5 [ ] | |
|  | red orange | | |  | 6 [ ] | |
|  | red | | |  | 7 [ ] | |
|  | purple | | |  | 8 [ ] | |
|  | brownish | | |  | 9 [ ] | |
|  | blue black | | |  | 10 [ ] | |
|  | not applicable | | |  | [ ] | |
|  | Characteristics | | | Example Varieties | Note | |
| **5.~~7~~ 21 (41)** | **Ear: anthocyanin coloration of glumes of cob** | | |  |  | |
|  | absent or very weak | | | F2, F257 | 1 [ ] | |
|  | very weak to weak | | |  | 2 [ ] | |
|  | weak | | | F252 | 3 [ ] | |
|  | weak to medium | | |  | 4 [ ] | |
|  | medium | | | W117 | 5 [ ] | |
|  | medium to strong | | |  | 6 [ ] | |
|  | strong | | | A632 | 7 [ ] | |
|  | strong to very strong | | |  | 8 [ ] | |
|  | very strong | | |  | 9 [ ] | |

[Anlage II folgt]

Test Guidelines for Lettuce (document TG/13/11 Rev.)

The proposed additions to TQ 5 are presented in highlight and underline.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | TECHNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: | | | | | |
|  | | | | |
| |  |  |  |  | | --- | --- | --- | --- | | 5. | Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). | | | |  |  |  |  | | | | | |
|  | | Characteristics | Example Varieties | Note |
| |  | | --- | | **5.1** |  |  | | --- | | **(1)** | | | |  | | --- | | **Seed: color** | |  |  |
|  | | |  | | --- | | white | | |  | | --- | | Verpia | | |  | | --- | | 1 [   ] | |
|  | | |  | | --- | | yellow | | |  | | --- | | Durango | | |  | | --- | | 2 [   ] | |
|  | | |  | | --- | | brown | | |  | | --- | | Oaklin | | |  | | --- | | 3 [   ] | |
|  | | |  | | --- | | black | | |  | | --- | | Kagraner Sommer 2 | | |  | | --- | | 4 [   ] | |
| **5.2 (2)** | | |  | | --- | | **Plant: diameter** | |  |  |
|  | | very small | Tom Thumb | |  | | --- | | 1 [   ] | |
|  | | very small to small |  | |  | | --- | | 2 [   ] | |
|  | | small | Gotte à graine blanche | |  | | --- | | 3 [   ] | |
|  | | small to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Clarion, Verpia | |  | | --- | | 5 [   ] | |
|  | | medium to large |  | |  | | --- | | 6 [   ] | |
|  | | large | Great Lakes 659 | |  | | --- | | 7 [   ] | |
|  | | large to very large |  | |  | | --- | | 8 [   ] | |
|  | | very large | El Toro | |  | | --- | | 9 [   ] | |
| **5.3 (3)** | | |  | | --- | | **Plant: degree of overlapping of upper part of leaves** | |  |  |
|  | | absent or weak | Actarus, Aquarel,  Blonde à couper améliorée, Curtis, Lollo rossa | |  | | --- | | 1 [   ] | |
|  | | medium | Augusta, Clarion, Fiorella | |  | | --- | | 2 [   ] | |
|  | | strong | Roxette, Vanguard 75 | |  | | --- | | 3 [   ] | |
|  | | Characteristics | Example Varieties | Note |
| **5.4 (6)** | | |  | | --- | | **Leaf: number of divisions** | |  |  |
|  | | absent or very few | Fiorella, Lollo rossa | |  | | --- | | 1 [   ] | |
|  | | very few to few |  | |  | | --- | | 2 [   ] | |
|  | | few | Curletta, Rodagio | |  | | --- | | 3 [   ] | |
|  | | few to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Ezabel, Jadigon | |  | | --- | | 5 [   ] | |
|  | | medium to many |  | |  | | --- | | 6 [   ] | |
|  | | many | Expedition, Multired 54 | |  | | --- | | 7 [   ] | |
|  | | many to very many |  | |  | | --- | | 8 [   ] | |
|  | | very many | Excite, Ezfrill, Telex | |  | | --- | | 9 [   ] | |
| **5.5 (7)** | | |  | | --- | | **Only varieties with Leaf: number of divisions: absent or very few: Leaf: shape** | |  |  |
|  | | triangular |  | |  | | --- | | 1 [   ] | |
|  | | lanceolate | Qingyuanyewoju | |  | | --- | | 2 [   ] | |
|  | | medium oblate | Stylist | |  | | --- | | 3 [   ] | |
|  | | narrow oblate | Commodore, Fiorella | |  | | --- | | 4 [   ] | |
|  | | circular | Verpia | |  | | --- | | 5 [   ] | |
|  | | broad elliptic | Amadeus | |  | | --- | | 6 [   ] | |
|  | | medium elliptic | Xanadu | |  | | --- | | 7 [   ] | |
|  | | narrow elliptic | Verte maraîchère | |  | | --- | | 8 [   ] | |
|  | | linear | Hongwoju | |  | | --- | | 9 [   ] | |
|  | | broad obtrullate |  | 10 [   ] |
|  | | obovate | Raisa | 11 [   ] |
|  | | oblanceolate | Xiangshengcai | 12 [   ] |
|  | | not applicable |  | [   ] |
| |  | | --- | | **5.~~2~~ 6** |  |  | | --- | | **(11)** | | | |  | | --- | | **Leaf: anthocyanin coloration** | |  |  |
|  | | |  | | --- | | absent or very weak | | |  | | --- | | Clarion | | |  | | --- | | 1 [   ] | |
|  | | |  | | --- | | very weak to weak | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | | |  | | --- | | weak | | |  | | --- | | Du bon jardinier | | |  | | --- | | 3 [   ] | |
|  | | |  | | --- | | weak to medium | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | | |  | | --- | | medium | | |  | | --- | | Lollo rossa, Luana | | |  | | --- | | 5 [   ] | |
|  | | |  | | --- | | medium to strong | | |  | | --- | |  | | |  | | --- | | 6 [   ] | |
|  | | |  | | --- | | strong | | |  | | --- | | Merveille des quatre saisons | | |  | | --- | | 7 [   ] | |
|  | | |  | | --- | | strong to very strong | | |  | | --- | |  | | |  | | --- | | 8 [   ] | |
|  | | |  | | --- | | very strong | | |  | | --- | | Iride, Revolution | | |  | | --- | | 9 [   ] | |
|  | | Characteristics | Example Varieties | Note |
| **5.7 (12)** | | |  | | --- | | **Leaf: hue of anthocyanin coloration** | |  |  |
|  | | reddish | Lollo rossa | |  | | --- | | 1 [   ] | |
|  | | purplish | Iride | |  | | --- | | 2 [   ] | |
|  | | brownish | Luana, Maravilla de Verano | |  | | --- | | 3 [   ] | |
|  | | not applicable |  | [   ] |
| **5.8 (13)** | | **Leaf: area covered by anthocyanin coloration** |  |  |
|  | | very small | Steirer Krauthauptel | |  | | --- | | 1 [   ] | |
|  | | very small to small |  | |  | | --- | | 2 [   ] | |
|  | | small | Diablo | |  | | --- | | 3 [   ] | |
|  | | small to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Luana | |  | | --- | | 5 [   ] | |
|  | | medium to large |  | |  | | --- | | 6 [   ] | |
|  | | large | Merveille des quatre saisons | |  | | --- | | 7 [   ] | |
|  | | large to very large |  | |  | | --- | | 8 [   ] | |
|  | | very large | Bijou, Revolution | |  | | --- | | 9 [   ] | |
|  | | not applicable |  | [   ] |
| **5.9 (14)** | | **Leaf: color** |  |  |
|  | | green | Verpia | |  | | --- | | 1 [   ] | |
|  | | yellowish green | Dorée de printemps | |  | | --- | | 2 [   ] | |
|  | | greyish green | Celtuce, Du bon jardinier | |  | | --- | | 3 [   ] | |
| |  | | --- | | **5.~~3~~ 10** |  |  | | --- | | **(15)** | | | |  | | --- | | **Leaf: intensity of green color** | |  |  |
|  | | |  | | --- | | very light | | |  | | --- | |  | | |  | | --- | | 1 [   ] | |
|  | | |  | | --- | | very light to light | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | | |  | | --- | | light | | |  | | --- | | Blonde maraîchère, Lollo Bionda | | |  | | --- | | 3 [   ] | |
|  | | |  | | --- | | light to medium | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | | |  | | --- | | medium | | |  | | --- | | Aquarel, Clarion | | |  | | --- | | 5 [   ] | |
|  | | |  | | --- | | medium to dark | | |  | | --- | |  | | |  | | --- | | 6 [   ] | |
|  | | |  | | --- | | dark | | |  | | --- | | Expedition, Verpia | | |  | | --- | | 7 [   ] | |
|  | | |  | | --- | | dark to very dark | | |  | | --- | |  | | |  | | --- | | 8 [   ] | |
|  | | |  | | --- | | very dark | | |  | | --- | | Pascal, Verdetrix | | |  | | --- | | 9 [   ] | |
|  | | Characteristics | Example Varieties | Note |
| **5.11 (18)** | | |  | | --- | | **Leaf: blistering** | |  |  |
|  | | absent or very weak | Duplex, Sartre | |  | | --- | | 1 [   ] | |
|  | | very weak to weak |  | |  | | --- | | 2 [   ] | |
|  | | weak | Fiorella | |  | | --- | | 3 [   ] | |
|  | | weak to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Commodore | |  | | --- | | 5 [   ] | |
|  | | medium to strong |  | |  | | --- | | 6 [   ] | |
|  | | strong | Blonde de Paris, Xanadu | |  | | --- | | 7 [   ] | |
|  | | strong to very strong |  | |  | | --- | | 8 [   ] | |
|  | | very strong | Blonde de Doulon, Iride, Karioka | |  | | --- | | 9 [   ] | |
| **5.12 (20)** | | |  | | --- | | **Leaf: undulation of margin** | |  |  |
|  | | absent or very weak | Tiago | |  | | --- | | 1 [   ] | |
|  | | very weak to weak |  | |  | | --- | | 2 [   ] | |
|  | | weak | Commodore | |  | | --- | | 3 [   ] | |
|  | | weak to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Noisette, Pentared | |  | | --- | | 5 [   ] | |
|  | | medium to strong |  | |  | | --- | | 6 [   ] | |
|  | | strong | Calmar, Invicta | |  | | --- | | 7 [   ] | |
|  | | strong to very strong |  | |  | | --- | | 8 [   ] | |
|  | | very strong | Lollo rossa | |  | | --- | | 9 [   ] | |
| **5.13 (22)** | | |  | | --- | | **Leaf: depth of incisions of margin** | |  |  |
|  | | absent or very shallow | Actarus, Clarion, Tiago | |  | | --- | | 1 [   ] | |
|  | | very shallow to shallow |  | |  | | --- | | 2 [   ] | |
|  | | shallow | Pentared, Unicum | |  | | --- | | 3 [   ] | |
|  | | shallow to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Santarinas | |  | | --- | | 5 [   ] | |
|  | | medium to deep |  | |  | | --- | | 6 [   ] | |
|  | | deep | Expedition | |  | | --- | | 7 [   ] | |
|  | | deep to very deep |  | |  | | --- | | 8 [   ] | |
|  | | very deep |  | 9 [   ] |
| **5.14 (25)** | | |  | | --- | | **Leaf: venation** | |  |  |
|  | | not flabellate | Verpia, Xanadu | |  | | --- | | 1 [   ] | |
|  | | semi-flabellate | Kibrille, Muraï | |  | | --- | | 2 [   ] | |
|  | | flabellate | Locarno, Roxette | |  | | --- | | 3 [   ] | |
|  | | Characteristics | Example Varieties | Note |
| **5.15 (26)** | | |  | | --- | | **Only varieties with Plant: degree of overlapping of upper part of leaves: medium or strong: Head: size** | |  |  |
|  | | very small | Tom Thumb | |  | | --- | | 1 [   ] | |
|  | | very small to small |  | |  | | --- | | 2 [   ] | |
|  | | small | Xanadu | |  | | --- | | 3 [   ] | |
|  | | small to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Fiorella, Soraya | |  | | --- | | 5 [   ] | |
|  | | medium to large |  | |  | | --- | | 6 [   ] | |
|  | | large | Great Lakes 659 | |  | | --- | | 7 [   ] | |
|  | | large to very large |  | |  | | --- | | 8 [   ] | |
|  | | very large | Blonde maraîchère, El Toro | 9 [   ] |
|  | | not applicable |  | [   ] |
| **5.16 (27)** | | |  | | --- | | **Only varieties with Plant: degree of overlapping of upper part of leaves: medium or strong: Head: shape in longitudinal section** | |  |  |
|  | | narrow elliptic | Verte maraîchère | |  | | --- | | 1 [   ] | |
|  | | broad elliptic | Amadeus, Sucrine | |  | | --- | | 2 [   ] | |
|  | | circular | Verpia | |  | | --- | | 3 [   ] | |
|  | | narrow oblate | Ametist | |  | | --- | | 4 [   ] | |
|  | | not applicable |  | [   ] |
| **5.17 (34)** | | **Only varieties with Plant: degree of overlapping of upper part of leaves: medium or strong: Time of harvest maturity** |  |  |
|  | | very early | Gotte jaune d'or | |  | | --- | | 1 [   ] | |
|  | | very early to early |  | |  | | --- | | 2 [   ] | |
|  | | early | Pantlika, Sucrine | |  | | --- | | 3 [   ] | |
|  | | early to medium |  | |  | | --- | | 4 [   ] | |
|  | | medium | Clarion | |  | | --- | | 5 [   ] | |
|  | | medium to late |  | |  | | --- | | 6 [   ] | |
|  | | late | Blonde maraîchère, Calmar | |  | | --- | | 7 [   ] | |
|  | | late to very late |  | |  | | --- | | 8 [   ] | |
|  | | very late | El Toro, Pinokkio | 9 [   ] |
|  | | not applicable |  | [   ] |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | TECHNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: | | | | | |
|  | | | | |
|  | Characteristics | Example Varieties | Note |
| |  | | --- | | **5.~~4~~ 18** | | **(35)** | | |  | | --- | | **Time of beginning of bolting** | |  |  |
|  | |  | | --- | | very early | | |  | | --- | | Blonde à couper améliorée | | |  | | --- | | 1 [   ] | |
|  | |  | | --- | | very early to early | | |  | | --- | |  | | |  | | --- | | 2 [   ] | |
|  | |  | | --- | | early | | |  | | --- | | Gotte à graine blanche | | |  | | --- | | 3 [   ] | |
|  | |  | | --- | | early to medium | | |  | | --- | |  | | |  | | --- | | 4 [   ] | |
|  | |  | | --- | | medium | | |  | | --- | | Pantlika | | |  | | --- | | 5 [   ] | |
|  | |  | | --- | | medium to late | | |  | | --- | |  | | |  | | --- | | 6 [   ] | |
|  | |  | | --- | | late | | |  | | --- | | Hilde II | | |  | | --- | | 7 [   ] | |
|  | |  | | --- | | late to very late | | |  | | --- | |  | | |  | | --- | | 8 [   ] | |
|  | |  | | --- | | very late | | |  | | --- | | Erika, Roxette | | |  | | --- | | 9 [   ] | |
| **5.19 (38)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 16EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | Argelès | 9 [   ] |
|  | not tested |  | [   ] |
| **5.20 (39)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 17EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | Argelès | 9 [   ] |
|  | not tested |  | [   ] |
| **5.21 (40)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 20EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | FrRsal-1 | 9 [   ] |
|  | not tested |  | [   ] |
| **5.22 (41)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 21EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | Argelès, Colorado | 9 [   ] |
|  | not tested |  | [   ] |
| **5.23 (42)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 22EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | FrRsal-1 | 9 [   ] |
|  | not tested |  | [   ] |
| **5.24 (43)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 23EU** | |  |  |
|  | absent | Green Towers | 1 [   ] |
|  | present | Colorado | 9 [   ] |
|  | not tested |  | [   ] |
| |  |  |  | | --- | --- | --- | | TECHNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: | | | | | |
|  | | | | |
|  | Characteristics | Example Varieties | Note |
| **5.25 (44)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 24EU** | |  |  |
|  | absent | Argelès, Colorado | 1 [   ] |
|  | present | Dandie, NunDm15, UCDm14 | 9 [   ] |
|  | not tested |  | [   ] |
| **5.26 (45)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 25EU** | |  |  |
|  | absent | Colorado | 1 [   ] |
|  | present | Argelès | 9 [   ] |
|  | not tested |  | [   ] |
| **5.27 (46)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 26EU** | |  |  |
|  | absent | Colorado | 1 [   ] |
|  | present | Balesta, Bedford | 9 [   ] |
|  | not tested |  | [   ] |
| **5.28 (47)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 27EU** | |  |  |
|  | absent | Balesta, Colorado | 1 [   ] |
|  | present | FrRsal-1 | 9 [   ] |
|  | not tested |  | [   ] |
| **5.29 (48)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 29EU** | |  |  |
|  | absent | Argelès | 1 [   ] |
|  | present | Balesta | 9 [   ] |
|  | not tested |  | [   ] |
| **5.30 (49)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 30EU** | |  |  |
|  | absent | Argelès, Colorado | 1 [   ] |
|  | present | Balesta | 9 [   ] |
|  | not tested |  | [   ] |
| **5.31 (50)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 31EU** | |  |  |
|  | absent | Colorado, RYZ910457 | 1 [   ] |
|  | present | Argelès, Balesta | 9 [   ] |
|  | not tested |  | [   ] |
| **5.32 (51)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 33EU** | |  |  |
|  | absent | Kibrille, RYZ2164 | 1 [   ] |
|  | present | RYZ910457 | 9 [   ] |
|  | not tested |  | [   ] |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | TECHNICAL QUESTIONNAIRE | Page {x} of {y} | Reference Number: | | | | | |
|  | | | | |
|  | Characteristics | Example Varieties | Note |
| **5.33 (52)** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl) Isolate Bl: 35EU** | |  |  |
|  | absent | Design, Kibrille | 1 [   ] |
|  | present | Bartoli | 9 [   ] |
|  | not tested |  | [   ] |
| **5.34 (53)** | **Resistance to *Lettuce mosaic virus* (LMV) Pathotype II** |  |  |
|  | absent | Bijou, Hilde II, Sprinter, Sucrine | 1 [   ] |
|  | present | Capitan, Corsica | 9 [   ] |
|  | not tested |  | [   ] |
| **5.35 (54)** | |  | | --- | | **Resistance to *Nasonovia ribisnigri* (Nr) Biotype Nr: 0** | |  |  |
|  | absent | Abel, Green Towers, Nadine | 1 [   ] |
|  | present | Barcelona, Bedford, Dynamite, Silvinas | 9 [   ] |
|  | not tested |  | [   ] |
| **5.36 (55)** | **Resistance to Fusarium oxysporum f.sp. lactucae (Fol) Race 1** |  |  |
|  | susceptible | Cobham Green, Patriot | 1 [   ] |
|  | moderately resistant | Affic, Fuzila, Natexis | 2 [   ] |
|  | highly resistant | Costa Rica No. 4, Romasol | 3 [   ] |
|  | not tested |  | [   ] |

[Anlage III folgt]

Test Guidelines for Carrot (document TG/49/8 Corr.)

The proposed additions to TQ 5 are presented in highlight and underline.

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|  | |  | | | |  | |
| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). | | | | | | | |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.1 (3)** | **Leaf: length (including petiole)** | | | |  | |  |
|  | very short | | | | Mokum, Mignon | | 1[ ] |
|  | very short to short | | | |  | | 2[ ] |
|  | short | | | | Amsterdam 2, Amsterdam 3 | | 3[ ] |
|  | short to medium | | | |  | | 4[ ] |
|  | medium | | | | Juwarot, Nantaise améliorée 2 | | 5[ ] |
|  | medium to long | | | |  | | 6[ ] |
|  | long | | | | Chantenay,  Chantenay à cœur rouge 2 | | 7[ ] |
|  | long to very long | | | |  | | 8[ ] |
|  | very long | | | | De Colmar à cœur rouge 2, Rothild | | 9[ ] |
| **5.2 (5)** | **Leaf: intensity of green color** | | | |  | |  |
|  | very light | | | |  | | 1[ ] |
|  | very light to light | | | |  | | 2[ ] |
|  | light | | | | Adelaide, Leonor | | 3[ ] |
|  | light to medium | | | |  | | 4[ ] |
|  | medium | | | | Amsterdam 2, Amsterdam 3 | | 5[ ] |
|  | medium to dark | | | |  | | 6[ ] |
|  | dark | | | | Rothild | | 7[ ] |
|  | dark to very dark | | | |  | | 8[ ] |
|  | very dark | | | |  | | 9[ ] |
| **5.3 (6)** | **Leaf: anthocyanin coloration of petiole** | | | |  | |  |
|  | absent | | | | Amsterdam 2 | | 1[ ] |
|  | present | | | | Tarenco | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.~~3~~ 4 (7)** | **Root: length** | | | |  | |  |
|  | very short | | | | Parijse Markt 2, Parijse Markt 3 | | 1[ ] |
|  | very short to short | | | |  | | 2[ ] |
|  | short | | | | Chantenay | | 3[ ] |
|  | short to medium | | | |  | | 4[ ] |
|  | medium | | | | Nantaise améliorée 2, Nantaise améliorée 3 | | 5[ ] |
|  | medium to long | | | |  | | 6[ ] |
|  | long | | | | Berlikumer 2, Berlikumer 3 | | 7[ ] |
|  | long to very long | | | |  | | 8[ ] |
|  | very long | | | | Lange Stompe Winter | | 9[ ] |
| **5.~~4~~ 5 (8)** | **Root: width** | | | |  | |  |
|  | very narrow | | | |  | | 1[ ] |
|  | very narrow to narrow | | | |  | | 2[ ] |
|  | narrow | | | | Amsterdam 2, Amsterdam 3 | | 3[ ] |
|  | narrow to medium | | | |  | | 4[ ] |
|  | medium | | | | Nantaise améliorée 2,  Nantaise améliorée 3 | | 5[ ] |
|  | medium to broad | | | |  | | 6[ ] |
|  | broad | | | | De Colmar à cœur rouge 2, Parijse Markt 2, Parijse Markt 3 | | 7[ ] |
|  | broad to very broad | | | |  | | 8[ ] |
|  | very broad | | | |  | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.6 (9)** | **Root: ratio length/ width** | | | |  | |  |
|  | very small | | | | Parijse Markt 2,  Parijse Markt 3, Parmex | | 1[ ] |
|  | very small to small | | | |  | | 2[ ] |
|  | small | | | | Courte améliorée à forcer | | 3[ ] |
|  | small to medium | | | |  | | 4[ ] |
|  | medium | | | | Chantenay | | 5[ ] |
|  | medium to large | | | |  | | 6[ ] |
|  | large | | | | Nantaise améliorée 2, Nantaise améliorée 3 | | 7[ ] |
|  | large to very large | | | |  | | 8[ ] |
|  | very large | | | | Amsterdam 2 | | 9[ ] |
| **5.~~5~~ 7 (10)** | **Root: shape in longitudinal section** | | | |  | |  |
|  | circular | | | | Parijse Markt 2, Parijse Markt 3 | | 1[ ] |
|  | obovate | | | |  | | 2[ ] |
|  | medium obtriangular | | | | Chantenay,  De Colmar à cœur rouge 2 | | 3[ ] |
|  | narrow obtriangular | | | | Imperator,  De Colmar à cœur rouge 3 | | 4[ ] |
|  | narrow obtriangular to narrow oblong | | | | Maestro | | 5[ ] |
|  | narrow oblong | | | | Amsterdam 2, Berlikumer 2, Berlikumer 3,  Nantaise améliorée 5, Touchon | | 6[ ] |
| **5.~~6~~ 8 (12)** | **Root: shape of shoulder** | | | |  | |  |
|  | flat | | | | De Colmar à cœur rouge 2 | | 1[ ] |
|  | flat to rounded | | | | Parijse Markt 2 | | 2[ ] |
|  | rounded | | | |  | | 3[ ] |
|  | rounded to conical | | | |  | | 4[ ] |
|  | conical | | | | Touchon | | 5[ ] |
| **5.~~7~~ 9 (13)** | **Root: tip (when fully developed)** | | | |  | |  |
|  | blunt | | | | Berlikumer 3 | | 1[ ] |
|  | slightly pointed | | | | Mello Yello | | 2[ ] |
|  | strongly pointed | | | | Allred, Orbit | | 3[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.~~8~~ 10 (14)** | **Root: external color** | | | |  | |  |
|  | white | | | | White Satin | | 1[ ] |
|  | yellow | | | | Mello Yello | | 2[ ] |
|  | orange | | | | Bingo, Goliath, Karotan, Pinocchio, Tancar | | 3[ ] |
|  | pinkish red | | | | Nutri-red | | 4[ ] |
|  | red | | | | Pulsor | | 5[ ] |
|  | purple | | | | Purple Haze | | 6[ ] |
| **5.~~9~~ 11 (15)** | **Excluding varieties with white external root color: Root: intensity of external color** | | | |  | |  |
|  | very light | | | |  | | 1[ ] |
|  | very light to light | | | |  | | 2[ ] |
|  | light | | | | Bingo, Mello Yello, Tancar | | 3[ ] |
|  | light to medium | | | |  | | 4[ ] |
|  | medium | | | | Goliath, Nutri-red | | 5[ ] |
|  | medium to dark | | | |  | | 6[ ] |
|  | dark | | | | Karotan, Pinocchio, Purple Haze | | 7[ ] |
|  | dark to very dark | | | |  | | 8[ ] |
|  | very dark | | | |  | | 9[ ] |
|  | not applicable | | | |  | | [   ] |
| **5.12 (16)** | **Root: anthocyanin coloration of skin of shoulder** | | | |  | |  |
|  | absent | | | | Trevor | | 1[ ] |
|  | present | | | | Touchon | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.13 (19)** | **Root: diameter of core relative to total diameter** | | | |  | |  |
|  | very small | | | | Amsterdam 2, Amsterdam 3, Tourino | | 1[ ] |
|  | very small to small | | | |  | | 2[ ] |
|  | small | | | | Nantaise améliorée 2, Nantaise améliorée 3 | | 3[ ] |
|  | small to medium | | | |  | | 4[ ] |
|  | medium | | | | Berlikumer 2, Berlikumer 3 | | 5[ ] |
|  | medium to large | | | |  | | 6[ ] |
|  | large | | | | De Colmar à cœur rouge 2 | | 7[ ] |
|  | large to very large | | | |  | | 8[ ] |
|  | very large | | | | Giganta | | 9[ ] |
| **5.~~10~~ 14 (20)** | **Root: color of core** | | | |  | |  |
|  | white | | | | White Satin | | 1[ ] |
|  | yellow | | | | Jaune de Lobberich,  Pariser Markt | | 2[ ] |
|  | orange | | | | Nantaise améliorée 2,  Nantaise améliorée 3 | | 3[ ] |
|  | pinkish red | | | |  | | 4[ ] |
|  | red | | | | Nutri-red | | 5[ ] |
|  | purple | | | | Afghan purple, Black Deshi | | 6[ ] |
| **5.15 (22)** | **Root: color of cortex** | | | |  | |  |
|  | white | | | | White Satin | | 1[ ] |
|  | yellow | | | | Mellow Yello | | 2[ ] |
|  | orange | | | | Allred, Carlo | | 3[ ] |
|  | pinkish red | | | |  | | 4[ ] |
|  | red | | | | Nutri-red | | 5[ ] |
|  | purple | | | | Afghan purple, Black Deshi | | 6[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.16 (27)** | **Varieties with blunt tip only: Root: time of development of rounded tip** | | | |  | |  |
|  | very early | | | |  | | 1[ ] |
|  | very early to early | | | |  | | 2[ ] |
|  | early | | | | Touchon | | 3[ ] |
|  | early to medium | | | |  | | 4[ ] |
|  | medium | | | | Nantaise améliorée 2, Nantaise améliorée 3, Tiana | | 5[ ] |
|  | medium to late | | | |  | | 6[ ] |
|  | late | | | | Bureau, Nantaise améliorée 7, Tancar | | 7[ ] |
|  | late to very late | | | |  | | 8[ ] |
|  | very late | | | |  | | 9[ ] |
|  | not applicable | | | |  | | [   ] |
| **5.17 (28)** | **Root: time of coloration of tip in longitudinal section** | | | |  | |  |
|  | very early | | | | Parijse Markt 3 | | 1[ ] |
|  | very early to early | | | |  | | 2[ ] |
|  | early | | | | Amsterdam 2, Amsterdam 3 | | 3[ ] |
|  | early to medium | | | |  | | 4[ ] |
|  | medium | | | | Nantaise améliorée 2, Nantaise améliorée 3 | | 5[ ] |
|  | medium to late | | | |  | | 6[ ] |
|  | late | | | | De Colmar à cœur rouge 2, Touchon | | 7[ ] |
|  | late to very late | | | |  | | 8[ ] |
|  | very late | | | | Goliath | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.18 (29)** | **Plant: tendency to bolting** | | | |  | |  |
|  | very weak | | | |  | | 1[ ] |
|  | very weak to weak | | | |  | | 2[ ] |
|  | weak | | | | Molene, Tancar | | 3[ ] |
|  | weak to medium | | | |  | | 4[ ] |
|  | medium | | | | Nantaise améliorée 2, Nantaise améliorée 3 | | 5[ ] |
|  | medium to strong | | | |  | | 6[ ] |
|  | strong | | | | Muscade, Touchon | | 7[ ] |
|  | strong to very strong | | | |  | | 8[ ] |
|  | very strong | | | |  | | 9[ ] |
| **5.~~11~~ 19 (31)** | **Plants: proportion of male sterile plants** | | | |  | |  |
|  | absent or very low | | | | Nantaise améliorée 2, Touchon | | 1[ ] |
|  | intermediate | | | |  | | 2[ ] |
|  | high | | | | Nanco, Tino | | 3[ ] |
| **5.~~12~~ 20 (32)** | **Plant: type of male sterility** | | | |  | |  |
|  | brown anther | | | | Nanco | | 1[ ] |
|  | petaloid anther | | | | Tino | | 2[ ] |

[Anlage IV folgt]

Test Guidelines for Spinach (document TG/55/7 Rev. 6)

The proposed additions to TQ 5 are presented in highlight and underline.

| TECHNICAL QUESTIONNAIRE | | | Page {x} of {y} | Reference Number: | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | | |  | |
| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). | | | | | | | |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.1 (1)** | **Seedling: length of cotyledon** | | | |  | |  |
|  | very short | | | |  | | 1[ ] |
|  | very short to short | | | |  | | 2[ ] |
|  | short | | | | Nores | | 3[ ] |
|  | short to medium | | | |  | | 4[ ] |
|  | medium | | | |  | | 5[ ] |
|  | medium to long | | | |  | | 6[ ] |
|  | long | | | | Breedblad Scherpzaad, Resistoflay | | 7[ ] |
|  | long to very long | | | |  | | 8[ ] |
|  | very long | | | |  | | 9[ ] |
| **5.2 (2)** | **Leaf: anthocyanin coloration of petioles and veins** | | | |  | |  |
|  | absent | | | | Resistoflay, Nores | | 1[ ] |
|  | present | | | | Red Cardinal, Reddy | | 2[ ] |
| **5.~~1~~ 3 (3)** | **Leaf blade: intensity of green color** | | | |  | |  |
|  | very light | | | |  | | 1[ ] |
|  | very light to light | | | |  | | 2[ ] |
|  | light | | | | Monet, Viroflay, Winterreuzen | | 3[ ] |
|  | light to medium | | | |  | | 4[ ] |
|  | medium | | | | Butterflay, Monnopa | | 5[ ] |
|  | medium to dark | | | |  | | 6[ ] |
|  | dark | | | | Imola, Lavewa, Nores | | 7[ ] |
|  | dark to very dark | | | |  | | 8[ ] |
|  | very dark | | | | Lorelay, Mystic | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.~~2~~ 4 (4)** | **Leaf blade: blistering** | | | |  | |  |
|  | absent or very weak | | | | Matador | | 1[ ] |
|  | very weak to weak | | | |  | | 2[ ] |
|  | weak | | | | Polka, Tarpy | | 3[ ] |
|  | weak to medium | | | |  | | 4[ ] |
|  | medium | | | | Butterflay, Koala, Mystic | | 5[ ] |
|  | medium to strong | | | |  | | 6[ ] |
|  | strong | | | | Giraffe, Rhythm | | 7[ ] |
|  | strong to very strong | | | |  | | 8[ ] |
|  | very strong | | | | Menorca, Revolver | | 9[ ] |
| **5.5 (7)** | **Petiole: length** | | | |  | |  |
|  | very short | | | |  | | 1[ ] |
|  | very short to short | | | |  | | 2[ ] |
|  | short | | | | Imola, Mystic | | 3[ ] |
|  | short to medium | | | |  | | 4[ ] |
|  | medium | | | | Butterflay, Giraffe | | 5[ ] |
|  | medium to long | | | |  | | 6[ ] |
|  | long | | | | Grappa, Resistoflay | | 7[ ] |
|  | long to very long | | | |  | | 8[ ] |
|  | very long | | | |  | | 9[ ] |
| **5.6 (9)** | **Leaf blade: shape (excluding basal lobes)** | | | |  | |  |
|  | triangular | | | | Grappa, Maracas | | 1[ ] |
|  | medium ovate | | | | Lavewa, Resistoflay | | 2[ ] |
|  | broad ovate | | | | Butterflay | | 3[ ] |
|  | medium elliptic | | | |  | | 4[ ] |
|  | broad elliptic | | | | Nores | | 5[ ] |
|  | circular | | | | Giraffe | | 6[ ] |
| **5.~~3~~ 7 (11)** | **Leaf blade: shape of apex** | | | |  | |  |
|  | acute | | | | Grappa, Rhythm | | 1[ ] |
|  | obtuse | | | | Resistoflay | | 2[ ] |
|  | rounded | | | | Imola, Nores | | 3[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.~~4~~ 8 (13)** | **Proportion of monoecious plants** | | | |  | |  |
|  | absent or very low | | | | Medania | | 1[ ] |
|  | very low to low | | | |  | | 2[ ] |
|  | low | | | | Matador | | 3[ ] |
|  | low to medium | | | |  | | 4[ ] |
|  | medium | | | | Figo | | 5[ ] |
|  | medium to high | | | |  | | 6[ ] |
|  | high | | | | Giraffe, Lazio | | 7[ ] |
|  | high to very high | | | |  | | 8[ ] |
|  | very high | | | | Monnopa | | 9[ ] |
| **5.~~5~~ 9 (14)** | **Proportion of female plants** | | | |  | |  |
|  | absent or very low | | | | Monnopa | | 1[ ] |
|  | very low to low | | | |  | | 2[ ] |
|  | low | | | | Giraffe | | 3[ ] |
|  | low to medium | | | |  | | 4[ ] |
|  | medium | | | | Figo, Medania | | 5[ ] |
|  | medium to high | | | |  | | 6[ ] |
|  | high | | | | Parrot | | 7[ ] |
|  | high to very high | | | |  | | 8[ ] |
|  | very high | | | |  | | 9[ ] |
| **5.~~6~~ 10 (15)** | **Proportion of male plants** | | | |  | |  |
|  | absent or very low | | | | Monnopa, Parrot | | 1[ ] |
|  | very low to low | | | |  | | 2[ ] |
|  | low | | | |  | | 3[ ] |
|  | low to medium | | | |  | | 4[ ] |
|  | medium | | | | Medania | | 5[ ] |
|  | medium to high | | | |  | | 6[ ] |
|  | high | | | |  | | 7[ ] |
|  | high to very high | | | |  | | 8[ ] |
|  | very high | | | |  | | 9[ ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.~~7~~ 11 (16)** | **Time of start of bolting (for spring sown crops, 15% of plants)** | | | |  | |  |
|  | very early | | | | Figo, Maracas | | 1[ ] |
|  | very early to early | | | |  | | 2[ ] |
|  | early | | | | Bandola, Viroflay | | 3[ ] |
|  | early to medium | | | |  | | 4[ ] |
|  | medium | | | | Matador, Monnopa | | 5[ ] |
|  | medium to late | | | |  | | 6[ ] |
|  | late | | | | Grappa, Medania, Revolver | | 7[ ] |
|  | late to very late | | | |  | | 8[ ] |
|  | very late | | | | Chica, Lavewa | | 9[ ] |
| **5.12 (18.1)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 1** | | | |  | |  |
|  | absent | | | | Viroflay, Winterreuzen | | 1 [   ] |
|  | present | | | | Califlay, Resistoflay | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.13 (18.2)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 2** | | | |  | |  |
|  | absent | | | | Califlay | | 1 [   ] |
|  | present | | | | Resistoflay | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.14 (18.3)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 3** | | | |  | |  |
|  | absent | | | | Resistoflay | | 1 [   ] |
|  | present | | | | Califlay, Clermont | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.15 (18.4)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 4** | | | |  | |  |
|  | absent | | | | Califlay | | 1 [   ] |
|  | present | | | | Clermont | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.16 (18.5)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 5** | | | |  | |  |
|  | absent | | | | Clermont | | 1 [   ] |
|  | present | | | | Califlay, Campania | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.17 (18.6)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 6** | | | |  | |  |
|  | absent | | | | Califlay, Campania | | 1 [   ] |
|  | present | | | | Boeing | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.18 (18.7)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 7** | | | |  | |  |
|  | absent | | | | Califlay | | 1 [   ] |
|  | present | | | | Campania | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.19 (18.8)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 8** | | | |  | |  |
|  | absent | | | | Boeing, Campania | | 1 [   ] |
|  | present | | | | Lazio, Lion | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.20 (18.9)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 10** | | | |  | |  |
|  | absent | | | | Boeing, Campania, Lion | | 1 [   ] |
|  | present | | | | Lazio | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.21 (18.10)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 11** | | | |  | |  |
|  | absent | | | | Lazio | | 1 [   ] |
|  | present | | | | Boeing, Califlay, Campania, Lion | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
|  | Characteristics | | | | Example Varieties | | Note |
| **5.22 (18.11)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 12** | | | |  | |  |
|  | absent | | | | Boeing, Campania | | 1 [   ] |
|  | present | | | | Finch, Pigeon, Red Kitten, Zebu | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.23 (18.12)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 13** | | | |  | |  |
|  | absent | | | | Campania | | 1 [   ] |
|  | present | | | | Boeing, Lion | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.24 (18.13)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 14** | | | |  | |  |
|  | absent | | | | Campania, Pigeon | | 1 [   ] |
|  | present | | | | Califlay, Lion | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.25 (18.14)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 15** | | | |  | |  |
|  | absent | | | | Caladonia | | 1 [   ] |
|  | present | | | | Pigeon | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.26 (18.15)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 16** | | | |  | |  |
|  | absent | | | | Meerkat | | 1 [   ] |
|  | present | | | | Caladonia | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.27 (18.16)** | **Resistance to *Peronospora farinosa* f. sp. *spinaciae* (Pfs) Race Pfs: 17** | | | |  | |  |
|  | absent | | | | Pigeon | | 1 [   ] |
|  | present | | | | Hydrus | | 9 [   ] |
|  | not tested | | | |  | | [   ] |
| **5.28 (19)** | **Resistance to Cucumber mosaic virus (CMV)** | | | |  | |  |
|  | absent | | | | Polka | | 1 [   ] |
|  | present | | | | Symphony | | 9 [   ] |
|  | not tested | | | |  | | [   ] |

[Anlage V folgt]

Test Guidelines for Cucumber, Gherkin (document TG/61/7 Rev. 2 Corr. 2)

The proposed additions to TQ 5 are presented in highlight and underline.

| TECHNICAL QUESTIONNAIRE | | Page {x} of {y} | Reference Number: | | |
| --- | --- | --- | --- | --- | --- |
|  | |  |  | | |
| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). | | | | | |
|  | Characteristics | | | Example Varieties | Note |
| **5.1 (1)** | **Cotyledon: bitterness** | | |  |  |
|  | absent | | | Rocket GS, Sandra | 1 [ ] |
|  | present | | | Farbio | 9 [ ] |
| **5.2 (2)** | **Plant: growth type** | | |  |  |
|  | determinate | | | Bush Crop, Shachal | 1 [ ] |
|  | indeterminate | | | Corona, Levina | 2 [ ] |
| **5.3 (5)** | **Leaf blade: length** | | |  |  |
|  | very short | | |  | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Adam | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Briljant | 5[ ] |
|  | medium to long | | |  | 6[ ] |
|  | long | | | Corona | 7[ ] |
|  | long to very long | | |  | 8[ ] |
|  | very long | | |  | 9[ ] |
| **5.4 (8)** | **Leaf blade: intensity of green color** | | |  |  |
|  | very light | | |  | 1[ ] |
|  | very light to light | | |  | 2[ ] |
|  | light | | | De Russie | 3[ ] |
|  | light to medium | | |  | 4[ ] |
|  | medium | | | Rocket GS, Stereo | 5[ ] |
|  | medium to dark | | |  | 6[ ] |
|  | dark | | | Marketmore, Sandra,  Tokyo Slicer | 7[ ] |
|  | dark to very dark | | |  | 8[ ] |
|  | very dark | | | Akito | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~2~~ 5 (13)** | **Plant: sex expression** | | |  |  |
|  | monoecoius | | | Hokus | 1 [ ] |
|  | subgynoecious | | | Toska 70 | 2 [ ] |
|  | gynoecious | | | Farbio, Sandra, Wilma | 3 [ ] |
|  | hermaphrodytic | | | Sunsweet | 4 [ ] |
| **5.6 (14)** | **Plant: number of female flowers per node** | | |  |  |
|  | predominantly one | | | Dasher, Faraón | 1[ ] |
|  | predominantly one or two | | | Brunex, Marumba | 2[ ] |
|  | predominantly two | | | Corona | 3[ ] |
|  | predominantly two or three | | | Tempo | 4[ ] |
|  | predominantly three or four | | | Tornac | 5[ ] |
|  | predominantly four or five | | | Melody | 6[ ] |
|  | predominantly more than five | | | Olympos | 7[ ] |
| **5.~~3~~ 7 (15)** | **Ovary: color of vestiture** | | |  |  |
|  | white | | | Jazzer | 1 [ ] |
|  | black | | | Vert petit de Paris | 2 [ ] |
| **5.~~4~~ 8 (16)** | **Parthenocarpy** | | |  |  |
|  | absent | | | Toska 70 | 1 [ ] |
|  | present | | | Farbio, Rocket GS, Sandra, Wilma | 9 [ ] |
| **5.4 9 (17)** | **Fruit: length** | | |  |  |
|  | very short | | | De Russie, Sunsweet | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | |  | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Gemini, Jazzer | 5[ ] |
|  | medium to long | | |  | 6[ ] |
|  | long | | | Corona | 7[ ] |
|  | long to very long | | |  | 8[ ] |
|  | very long | | |  | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.10 (18)** | **Fruit: diameter** | | |  |  |
|  | very small | | |  | 1[ ] |
|  | very small to small | | |  | 2[ ] |
|  | small | | | Picobello, Wilma | 3[ ] |
|  | small to medium | | |  | 4[ ] |
|  | medium | | | Corona, Diamant | 5[ ] |
|  | medium to large | | |  | 6[ ] |
|  | large | | | Delikatess, Riesenschäl | 7[ ] |
|  | large to very large | | |  | 8[ ] |
|  | very large | | |  | 9[ ] |
| **5.~~6~~ 11 (22)** | **Fruit: shape of stem end** | | |  |  |
|  | necked | | | Sandra, Tasty Green | 1 [ ] |
|  | acute | | | De Massy | 2 [ ] |
|  | obtuse | | | Maram, Score | 3 [ ] |
| **5.12 (23)** | **Only necked varieties: Fruit: length of neck** | | |  |  |
|  | very short | | |  | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Saskia | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Corona, Telepathy | 5[ ] |
|  | medium to long | | |  | 6[ ] |
|  | long | | | Kamaron | 7[ ] |
|  | long to very long | | |  | 8[ ] |
|  | very long | | | Tasty Green | 9[ ] |
|  | not applicable | | |  | [ ] |
| **5.~~7~~ 13 (25)** | **Fruit: ground color of skin at market stage** | | |  |  |
|  | white | | | Bonneuil | 1 [ ] |
|  | yellow | | | Gele Tros | 2 [ ] |
|  | green | | | Corona | 3 [ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.14 (26)** | **Excluding white varieties: Fruit: intensity of ground color of skin (as for 25)** | | |  |  |
|  | very light | | |  | 1[ ] |
|  | very light to light | | |  | 2[ ] |
|  | light | | |  | 3[ ] |
|  | light to medium | | |  | 4[ ] |
|  | medium | | |  | 5[ ] |
|  | medium to dark | | |  | 6[ ] |
|  | dark | | |  | 7[ ] |
|  | dark to very dark | | |  | 8[ ] |
|  | very dark | | |  | 9[ ] |
|  | not applicable | | |  | [ ] |
| **5.15 (27)** | **Fruit: ribs** | | |  |  |
|  | absent or weak | | | Darius, Diana | 1[ ] |
|  | medium | | | Sprint | 2[ ] |
|  | strong | | | Vert petit de Paris | 3[ ] |
| **5.16 (29)** | **Fruit: creasing** | | |  |  |
|  | absent | | | Jazzer | 1[ ] |
|  | present | | | Corona, Nabil | 9[ ] |
| **5.17 (30)** | **Fruit: degree of creasing** | | |  |  |
|  | very weak | | | Silor | 1[ ] |
|  | very weak to weak | | |  | 2[ ] |
|  | weak | | | Nabil | 3[ ] |
|  | weak to medium | | |  | 4[ ] |
|  | medium | | | Corona, Galileo | 5[ ] |
|  | medium to strong | | |  | 6[ ] |
|  | strong | | | Grizzly | 7[ ] |
|  | strong to very strong | | |  | 8[ ] |
|  | very strong | | | Suyo Long | 9[ ] |
|  | not applicable | | |  | [ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~8~~ 18 (31)** | **Fruit: type of vestiture** | | |  |  |
|  | hairs only | | | Silor | 1 [ ] |
|  | hairs and prickles | | | De Bourbonne, De Massy | 2 [ ] |
|  | prickles only | | | Corona, Jazzer | 3 [ ] |
| **5.19 (32)** | **Fruit: density of vestiture** | | |  |  |
|  | very sparse | | | Vert petit de Paris | 1[ ] |
|  | very sparse to sparse | | |  | 2[ ] |
|  | sparse | | |  | 3[ ] |
|  | sparse to medium | | |  | 4[ ] |
|  | medium | | | Tasty Green | 5[ ] |
|  | medium to dense | | |  | 6[ ] |
|  | dense | | | Silor, Suyo Long | 7[ ] |
|  | dense to very dense | | |  | 8[ ] |
|  | very dense | | | Moneta, Parmel | 9[ ] |
| **5.20 (35)** | **Fruit: size of warts** | | |  |  |
|  | very small | | | Parmel | 1[ ] |
|  | very small to small | | |  | 2[ ] |
|  | small | | | Jazzer | 3[ ] |
|  | small to medium | | |  | 4[ ] |
|  | medium | | | Regal | 5[ ] |
|  | medium to large | | |  | 6[ ] |
|  | large | | | Chinese Slangen | 7[ ] |
|  | large to very large | | |  | 8[ ] |
|  | very large | | | Tasty Green | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.21 (36)** | **Fruit: length of stripes** | | |  |  |
|  | absent or very short | | |  | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Astrea | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Breso | 5[ ] |
|  | medium to long | | |  | 6[ ] |
|  | long | | | Pioneer, Tokyo Slicer | 7[ ] |
|  | long to very long | | |  | 8[ ] |
|  | very long | | | Suyo Long | 9[ ] |
| **5.22 (37)** | **Fruit: dots** | | |  |  |
|  | absent | | | Sensation | 1[ ] |
|  | present | | | Delicatesse, Hanpaku‑Fushinari, Sagami‑Fanpaku,  White Sun | 9[ ] |
| **5.~~9~~ 23 (44)** | **Resistance to *Cladosporium cucumerinum* (Ccu)** | | |  |  |
|  | absent | | | Cherubino, Frontera, Pepinex 69 | 1[ ] |
|  | present | | | Corona, Marketmore 76, Sheila | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.~~10~~ 24 (45)** | **Resistance to *Cucumber mosaic virus* (CMV)** | | |  |  |
|  | susceptible | | | Bosporus, Corona, Ventura | 1[ ] |
|  | moderately resistant | | | Capra, Gardon, Verdon | 2[ ] |
|  | highly resistant | | | Naf, Picolino | 3[ ] |
|  | not tested | | |  | [ ] |
| **5.~~11~~ 25 (46)** | **Resistance to Powdery mildew (*Podosphaera xanthii*) (Px)** | | |  |  |
|  | susceptible | | | Corona, Ventura | 1[ ] |
|  | moderately resistant | | | Flamingo | 2[ ] |
|  | highly resistant | | | Aramon, Bella, Cordoba | 3[ ] |
|  | not tested | | |  | [ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.26 (47)** | **Resistance to Downy mildew (*Pseudoperonospora cubensis*) (Pcu)** | | |  |  |
|  | absent | | | Pepinex 69, Wisconsin | 1[ ] |
|  | present | | | Poinsett 76 | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.~~12~~ 27 (48)** | **Resistance to Corynespora blight and target leaf pot  (*Corynespora cassiicola*) (Cca)** | | |  |  |
|  | absent | | | Bodega, Pepinova | 1 [ ] |
|  | present | | | Corona, Cumlaude | 9 [ ] |
|  | not tested | | |  | [ ] |
| **5.~~13~~ 28 (49)** | **Resistance to *Cucumber vein yellowing virus* (CVYV)** | | |  |  |
|  | absent | | | Corinda, Corona, Ventura | 1 [ ] |
|  | present | | | Dina, Summerstar, Tornac | 9 [ ] |
|  | not tested | | |  | [ ] |
| **5.29 (50)** | **Resistance to *Zucchini yellow mosaic virus* (ZYMV)** | | |  |  |
|  | absent | | | Corona, Hilton, Ventura | 1 [ ] |
|  | present | | | Dina, Summerstar, Thunder | 9 [ ] |
|  | not tested | | |  | [ ] |
| **5.30 (51)** | **Resistance to *Cucurbit yellow stunting disorder virus* (CYSDV)** | | |  |  |
|  | absent | | | Burgos, Castro, Corona | 1 [ ] |
|  | present | | | Atalaya, Fortyca | 9 [ ] |
|  | not tested | | |  | [ ] |

[Anlage VI folgt]

Test Guidelines for Melon (document TG/104/5 Rev. 2)

The proposed additions to TQ 5 are presented in highlight and underline.

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| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). | | | |
|  | Characteristics | Example Varieties | Note |
| **5.1 (12)** | **Inflorescence: sex expression (at full flowering)** |  |  |
|  | monoecious | Alpha, Categoría | 1[ ] |
|  | andromonoecious | Piel de Sapo | 2[ ] |
| **5.2 (13)** | **Young fruit: hue of green color of skin** |  |  |
|  | whitish green | Geasol | 1[ ] |
|  | yellowish green | Fimel | 2[ ] |
|  | green | Lucas | 3[ ] |
|  | greyish green | Spanglia | 4[ ] |
| **5.3 (14)** | **Young fruit: intensity of green color of skin** |  |  |
|  | very light | Solarking | 1[ ] |
|  | very light to light |  | 2[ ] |
|  | light | Fimel | 3[ ] |
|  | light to medium |  | 4[ ] |
|  | medium | Eros | 5[ ] |
|  | medium to dark |  | 6[ ] |
|  | dark | Galia | 7[ ] |
|  | dark to very dark |  | 8[ ] |
|  | very dark | Edén | 9[ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.4 (24)** | **Fruit: length** |  |  |
|  | very short | Doublon, Golden Crispy | 1[ ] |
|  | very short to short |  | 2[ ] |
|  | short | Topper, Védrantais | 3[ ] |
|  | short to medium |  | 4[ ] |
|  | medium | Marina, Spanglia | 5[ ] |
|  | medium to long |  | 6[ ] |
|  | long | Categoría, Toledo | 7[ ] |
|  | long to very long |  | 8[ ] |
|  | very long | Katsura Giant, Valdivia | 9[ ] |
| **5.5 (25)** | **Fruit: diameter** |  |  |
|  | very narrow | Banana, Golden Crispy | 1[ ] |
|  | very narrow to narrow |  | 2[ ] |
|  | narrow | Alpha, Maestro | 3[ ] |
|  | narrow to medium |  | 4[ ] |
|  | medium | Categoría, Galia | 5[ ] |
|  | medium to broad |  | 6[ ] |
|  | broad | Albino, Kinka | 7[ ] |
|  | broad to very broad |  | 8[ ] |
|  | very broad | Noir des Carmes | 9[ ] |

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|  | Characteristics | Example Varieties | Note |
| --- | --- | --- | --- |
| **5.~~2~~ 6 (28)** | **Fruit: shape in longitudinal section** |  |  |
|  | ovate | De Cavaillon, Piolín | 1[ ] |
|  | medium elliptic | Piel de Sapo | 2[ ] |
|  | broad elliptic | Corin, Sardo | 3[ ] |
|  | circular | Alpha, Galia | 4[ ] |
|  | quadrangular | Zatta | 5[ ] |
|  | oblate | Jívaro, Noir de Carmes | 6[ ] |
|  | obovate | Cganchi | 7[ ] |
|  | elongated | Alficoz, Banana | 8[ ] |
| **5.~~3~~ 7 (29)** | **Fruit: ground color of skin** |  |  |
|  | white | Albino, Honey Dew | 1[ ] |
|  | yellow | Amarillo-Canario, Edén, Galia, Passport, Solarking | 2[ ] |
|  | green | Gohyang, Piel de Sapo | 3[ ] |
|  | grey | Geaprince, Geamar, Romeo, Sirio, Supporter, Védrantais | 4[ ] |
| **5.8 (31)** | **Fruit: hue of ground color of skin** |  |  |
|  | absent or very weak | Amarillo-Canario, Albino, Piel de Sapo, Sirio | 1[ ] |
|  | whitish | Romeo | 2[ ] |
|  | yellowish | Geaprince, Supporter | 3[ ] |
|  | orange | Edén | 4[ ] |
|  | ochre | Passport | 5[ ] |
|  | greenish | Geamar, Honey Dew, Solarking | 6[ ] |
|  | greyish | Gohyang | 7[ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.9 (32)** | **Fruit: density of dots** |  |  |
|  | absent or very sparse | Charentais | 1[ ] |
|  | very sparse |  | 2[ ] |
|  | sparse |  | 3[ ] |
|  | sparse to medium |  | 4[ ] |
|  | medium | Petit Gris de Rennes | 5[ ] |
|  | medium to dense |  | 6[ ] |
|  | dense | Piel de Sapo | 7[ ] |
|  | dense to very dense |  | 8[ ] |
|  | very dense | Albino | 9[ ] |
| **5.~~4~~ 10 (36)** | **Fruit: density of patches** |  |  |
|  | absent or very sparse | Rochet | 1[ ] |
|  | very sparse to sparse |  | 2[ ] |
|  | sparse |  | 3[ ] |
|  | sparse to medium |  | 4[ ] |
|  | medium | Braco | 5[ ] |
|  | medium to dense |  | 6[ ] |
|  | dense | Piel de Sapo | 7[ ] |
|  | dense to very dense |  | 8[ ] |
|  | very dense | Oranje Ananas | 9[ ] |
| **5.~~5~~ 11 (38)** | **Fruit: warts** |  |  |
|  | absent | Piel de Sapo | 1[ ] |
|  | present | Zatta | 9[ ] |

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|  | Characteristics | Example Varieties | Note |
| --- | --- | --- | --- |
| **5.~~6~~ 12 (43)** | **Fruit: grooves** |  |  |
|  | absent or very weakly expressed | Piel de Sapo, Arava | 1[ ] |
|  | weakly expressed | Total, Hobby | 2[ ] |
|  | strongly expressed | Védrantais, Galia | 3[ ] |
| **5.13 (45)** | **Fruit: depth of grooves** |  |  |
|  | very shallow | Amber | 1[ ] |
|  | very shallow to shallow |  | 2[ ] |
|  | shallow | Galia | 3[ ] |
|  | shallow to medium |  | 4[ ] |
|  | medium | Alpha | 5[ ] |
|  | medium to deep |  | 6[ ] |
|  | deep | Panamá, Supermarket | 7[ ] |
|  | deep to very deep |  | 8[ ] |
|  | very deep | Noir des Carmes,  Sucrin de Tours | 9[ ] |
| **5.14 (47)** | **Fruit: creasing of surface** |  |  |
|  | absent or very weak | Védrantais | 1[ ] |
|  | very weak to weak |  | 2[ ] |
|  | weak | Melchor, Sirocco | 3[ ] |
|  | weak to medium |  | 4[ ] |
|  | medium | Costa, Piolín | 5[ ] |
|  | medium to strong |  | 6[ ] |
|  | strong | Tendral Negro | 7[ ] |
|  | strong to very strong |  | 8[ ] |
|  | very strong | Balbey, Kirkagac | 9[ ] |
| **5.~~7~~ 15 (48)** | **Fruit: cork formation** |  |  |
|  | absent | Alpha | 1[ ] |
|  | present | Dalton | 9[ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.16 (49)** | **Fruit: thickness of cork layer** |  |  |
|  | very thin | Amarillo Oro | 1[ ] |
|  | very thin to thin |  | 2[ ] |
|  | thin | Riosol, Védrantais | 3[ ] |
|  | thin to medium |  | 4[ ] |
|  | medium | Marina | 5[ ] |
|  | medium to thick |  | 6[ ] |
|  | thick | Geamar, PMR 45 | 7[ ] |
|  | thick to very thick |  | 8[ ] |
|  | very thick | Honey Rock, Perlita | 9[ ] |
| **5.~~8~~ 17 (50)** | **Fruit: pattern of cork formation** |  |  |
|  | dots only | Hermes, Védrantais | 1[ ] |
|  | dots and linear | Jivaro, Topper | 2[ ] |
|  | linear only | Futuro, Riosol | 3[ ] |
|  | linear and netted | Anatol, Chantal | 4[ ] |
|  | netted only | Galia, Perlita | 5[ ] |
| **5.~~9~~ 18 (51)** | **Fruit: density of pattern of cork formation** |  |  |
|  | very sparse | Alpha, Amarillo Oro | 1[ ] |
|  | very sparse to sparse |  | 2[ ] |
|  | sparse | Védrantais | 3[ ] |
|  | sparse to medium |  | 4[ ] |
|  | medium | Regal, Vital | 5[ ] |
|  | medium to dense |  | 6[ ] |
|  | dense | Galia, Geamar | 7[ ] |
|  | dense to very dense |  | 8[ ] |
|  | very dense | Honey Rock, Perlita | 9[ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.~~10~~ 19 (54)** | **Fruit: main color of flesh** |  |  |
|  | white | Piel de Sapo | 1[ ] |
|  | greenish white | Galia | 2[ ] |
|  | green | Radical | 3[ ] |
|  | yellowish white | Guaraní | 4[ ] |
|  | orange | Védrantais | 5[ ] |
|  | reddish orange | Magenta | 6[ ] |
| **5.~~11~~ 20 (60)** | **Seed: length** |  |  |
|  | very short | Geumssaraki, Golden Crispi | 1[ ] |
|  | very short to short |  | 2[ ] |
|  | short | Elario, Katsura Giant | 3[ ] |
|  | short to medium |  | 4[ ] |
|  | medium | Arava, Sancho | 5[ ] |
|  | medium to long |  | 6[ ] |
|  | long | Amarillo Oro, Toledo | 7[ ] |
|  | long to very long |  | 8[ ] |
|  | very long | Albino | 9[ ] |
| **5.21 (62)** | **Seed: shape** |  |  |
|  | not pine-nut shape | Toledo | 1[ ] |
|  | pine-nut shape | Piel de Sapo | 2[ ] |
| **5.~~12~~ 22 (63)** | **Seed: color** |  |  |
|  | whitish | Amarillo Oro s.b. | 1[ ] |
|  | cream yellow | Galia, Piel de Sapo | 2[ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.23 (65)** | **Time of male flowering** |  |  |
|  | very early |  | 1[ ] |
|  | very early to early |  | 2[ ] |
|  | early | Clipper, Vital | 3[ ] |
|  | early to medium |  | 4[ ] |
|  | medium | Categoría | 5[ ] |
|  | medium to late |  | 6[ ] |
|  | late | Nicolás, Rocín | 7[ ] |
|  | late to very late |  | 8[ ] |
|  | very late |  | 9[ ] |
| **5.24 (66)** | **Time of female flowering** |  |  |
|  | very early |  | 1[ ] |
|  | very early to early |  | 2[ ] |
|  | early | Clipper | 3[ ] |
|  | early to medium |  | 4[ ] |
|  | medium | Braco, Categoría, Vital | 5[ ] |
|  | medium to late |  | 6[ ] |
|  | late | Nicolás | 7[ ] |
|  | late to very late |  | 8[ ] |
|  | very late |  | 9[ ] |
| **5.25 (67)** | **Time of ripening** |  |  |
|  | very early | Goldstar, Sun | 1[ ] |
|  | very early to early |  | 2[ ] |
|  | early | Galia | 3[ ] |
|  | early to medium |  | 4[ ] |
|  | medium | Védrantais | 5[ ] |
|  | medium to late |  | 6[ ] |
|  | late | Pinonet Piel de Sapo, Rochet | 7[ ] |
|  | late to very late |  | 8[ ] |
|  | very late | Clipper, Supporter, Tendral | 9[ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.~~13~~ 26 (68)** | **Shelf life of fruit** |  |  |
|  | very short | Charentais | 1[ ] |
|  | very short to short |  | 2[ ] |
|  | short | Galia | 3[ ] |
|  | short to medium |  | 4[ ] |
|  | medium | Clipper | 5[ ] |
|  | medium to long |  | 6[ ] |
|  | long | Piel de Sapo | 7[ ] |
|  | long to very long |  | 8[ ] |
|  | very long | Tendral Negro | 9[ ] |
| **5.~~14~~ 27 (69.1)** | **Resistance to *Fusarium oxysporum* f. sp. *melonis –* Race 0** |  |  |
|  | absent | Jaune Canari 2 | 1[ ] |
|  | present | Jador, Védrantais | 9[ ] |
| **5.~~15~~ 28 (69.2)** | **Resistance to *Fusarium oxysporum* f. sp. *melonis -* Race 1** |  |  |
|  | absent | Jaune Canari 2, Védrantais | 1[ ] |
|  | present | Arapaho, Jador, Rubbens | 9[ ] |
| **5.~~16~~ 29 (69.3)** | **Resistance to *Fusarium oxysporum* f. sp. *melonis -* Race 2** |  |  |
|  | absent | Arapaho,  Jaune Canari 2, Rubbens | 1[ ] |
|  | present | Anasta, Cléo, Jador, Védrantais, | 9[ ] |
| **5.30 (69.4)** | **Resistance to *Fusarium oxysporum* f. sp. *melonis -* Race 1.2** |  |  |
|  | susceptible | Jaune Canari 2,  Védrantais, Virgos | 1[ ] |
|  | moderately resistant | Lunasol | 2[ ] |
|  | highly resistant | Dinero, Isabelle | 3[ ] |
|  | not tested |  | [ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.31 (70.1)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 1** |  |  |
|  | susceptible | Jaune Canari 2, Védrantais | 1[ ] |
|  | moderately resistant | Escrito | 2[ ] |
|  | highly resistant | Anasta,Cézanne, | 3[ ] |
|  | not tested |  | [ ] |
| **5.32 (70.2)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 2** |  |  |
|  | susceptible | Galoubet, Védrantais | 1[ ] |
|  | moderately resistant | Escrito, Pendragon | 2[ ] |
|  | highly resistant | Anasta, Cézanne | 3[ ] |
|  | not tested |  | [ ] |
| **5.33 (70.3)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 3** |  |  |
|  | susceptible | Védrantais | 1[ ] |
|  | moderately resistant | Nettuno | 2[ ] |
|  | highly resistant | Batista, Godiva | 3[ ] |
|  | not tested |  | [ ] |
| **5.34 (70.4)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 5** |  |  |
|  | susceptible | Védrantais | 1[ ] |
|  | moderately resistant | Hugo, Pendragon | 2[ ] |
|  | highly resistant | Arapaho | 3[ ] |
|  | not tested |  | [ ] |
| **5.35 (70.5)** | **Resistance to *Podosphaera xanthii* (*Sphaerotheca fuliginea*) (Powdery mildew) - Race 3-5** |  |  |
|  | susceptible | Védrantais | 1[ ] |
|  | moderately resistant | Cisco | 2[ ] |
|  | highly resistant | 90625 | 3[ ] |
|  | not tested |  | [ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.36 (71)** | **Resistance to *Golovinomyces cichoracearum* (*Erysiphe cichoracearum*) Race 1 (Powdery mildew)** |  |  |
|  | susceptible | Escrito, Score, Védrantais | 1[ ] |
|  | moderately resistant | Flores, Anasta | 2[ ] |
|  | highly resistant | Cézanne, Heliobel, Théo | 3[ ] |
|  | not tested |  | [ ] |
| **5.37 (72)** | **Resistance to colonization by *Aphis gossypii*** |  |  |
|  | absent | Védrantais | 1[ ] |
|  | present | AR Hale’s Best Jumbo,  AR Top Mark, Godiva, Heliobel, Virgos | 9[ ] |
|  | not tested |  | [ ] |
| **5.38 (73)** | **Resistance to *Zucchini yellow mosaic virus* (ZYMV)** |  |  |
|  | absent | Cardillo, Généris, Jador, Védrantais | 1[ ] |
|  | present | Hannah’s Choice, Lunaduke | 9[ ] |
|  | not tested |  | [ ] |
| **5.39 (74.1)** | **Resistance to *Papaya ringspot virus* (PRSV) - Guadeloupe strain** |  |  |
|  | absent | Védrantais | 1[ ] |
|  | present | Hannah’s Choice | 9[ ] |
|  | not tested |  | [ ] |
| **5.40 (74.2)** | **Resistance to *Papaya ringspot virus* (PRSV) - E2 strain** |  |  |
|  | absent | Hannah’s Choice, Védrantais | 1[ ] |
|  | present | WMR29 | 9[ ] |
|  | not tested |  | [ ] |
| **5.41 (75)** | **Resistance to *Melon necrotic spot virus* (MNSV) Strain 0 (MNSV: 0)** |  |  |
|  | absent | Védrantais | 1[ ] |
|  | present | Cyro, Primal, Virgos, Yellow Fun | 9[ ] |
|  | not tested |  | [ ] |

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|  | Characteristics | Example Varieties | Note |
| **5.42 (76)** | **Resistance to *Cucumber mosaic virus* (CMV)** |  |  |
|  | absent | Cézanne, Dalton | 1[ ] |
|  | present | Lunaduke, Virgos | 9[ ] |
|  | not tested |  | [ ] |

[Anlage VII folgt]

Test Guidelines for Squash, Vegetable Marrow (document TG/119/4 Corr. 2)

The proposed additions to TQ 5 are presented in highlight and underline.

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| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in the Test Guidelines; please mark the state of expression which best corresponds). | | | | | | | | | |
|  | | Characteristics | | | Example Varieties | | | Note | |
| **5.1** | | **Types of edible varieties: Fruit: type** | | |  | | |  | |
|  | | Pumpkin | | | Halloween, Little Boo, Small Sugar | | | 1[ ] | |
|  | | Miniature Pumpkin | | | Jack Be Little | | | 2[ ] | |
|  | | Scallop | | | Patty Pan, Scallopini | | | 3[ ] | |
|  | | Acorn | | | Table Queen | | | 4[ ] | |
|  | | Neck | | | Early Prolific Straightneck, Yellow Summer Crookneck | | | 5[ ] | |
|  | | Zucchini | | | Ambassador, Beiruti, Clarita, Elite, Ibis, Romano | | | 6[ ] | |
|  | | Rounded Zucchini | | | De Nice à fruit rond, Redondo | | | 7[ ] | |
|  | | Delicata | | | Delicata | | | 8[ ] | |
|  | | Spaghetti Squash | | | Pasta, Vegetable Spaghetti | | | 9[ ] | |
|  | | Rondini | | | Little Gem | | | 10[ ] | |
|  | | Ölkürbis | | | Markant | | | 11[ ] | |
|  | | Other | | |  | | | 12[ ] | |
| **5.2 (4)** | | | **Plant: growth habit** | | |  | | |  |
|  | | | bush | | | Greyzini | | | 1[ ] |
|  | | | semi-trailing | | | Cinderella, Everest, Twickers | | | 2[ ] |
|  | | | trailing | | | Becky, Long Green Trailing | | | 3[ ] |
| **5.3 (5)** | | | **Plant: branching** | | |  | | |  |
|  | | | absent | | | Goldi | | | 1[ ] |
|  | | | present | | | Patty Green Tint | | | 9[ ] |
|  | | | Characteristics | | | Example Varieties | | | Note |
| **5.4 (8)** | | | **Stem: color** | | |  | | |  |
|  | | | completely green | | | Becky | | | 1[ ] |
|  | | | partly green and partly yellow | | | Autumn Gold | | | 2[ ] |
| **5.5 (9)** | | | **Stem: intensity of green color** | | |  | | |  |
|  | | | very light | | | Maayan | | | 1[ ] |
|  | | | very light to light | | |  | | | 2[ ] |
|  | | | light | | | Bianchini | | | 3[ ] |
|  | | | light to medium | | |  | | | 4[ ] |
|  | | | medium | | | Cinderella | | | 5[ ] |
|  | | | medium to dark | | |  | | | 6[ ] |
|  | | | dark | | | Greyzini | | | 7[ ] |
|  | | | dark to very dark | | |  | | | 8[ ] |
|  | | | very dark | | | Goldrush | | | 9[ ] |
| **5.6 (13)** | | | **Leaf blade: incisions** | | |  | | |  |
|  | | | absent or very shallow | | | Scallopini | | | 1[ ] |
|  | | | very shallow to shallow | | |  | | | 2[ ] |
|  | | | shallow | | | Everest | | | 3[ ] |
|  | | | shallow to medium | | |  | | | 4[ ] |
|  | | | medium | | | Jackpot | | | 5[ ] |
|  | | | medium to deep | | |  | | | 6[ ] |
|  | | | deep | | | Civac | | | 7[ ] |
|  | | | deep to very deep | | |  | | | 8[ ] |
|  | | | very deep | | | Isotta | | | 9[ ] |
| **5.~~4~~ 7  (15)** | | | **Leaf blade: silvery patches** | | |  | | |  |
|  | | | absent | | | Black Forest, Scallopini | | | 1[ ] |
|  | | | present | | | Civac | | | 9[ ] |
|  | | | Characteristics | | | Example Varieties | | | Note |
| **5.8 (16)** | | | **Leaf blade: relative area covered by silvery patches** | | |  | | |  |
|  | | | very small | | | Albo | | | 1[ ] |
|  | | | very small to small | | |  | | | 2[ ] |
|  | | | small | | | Aziz | | | 3[ ] |
|  | | | small to medium | | |  | | | 4[ ] |
|  | | | medium | | | Ambassador | | | 5[ ] |
|  | | | medium to large | | |  | | | 6[ ] |
|  | | | large | | | Cora | | | 7[ ] |
|  | | | large to very large | | |  | | | 8[ ] |
|  | | | very large | | | Summerstar | | | 9[ ] |
| **5.9 (17)** | | | **Petiole: length** | | |  | | |  |
|  | | | very short | | |  | | | 1[ ] |
|  | | | very short to short | | |  | | | 2[ ] |
|  | | | short | | | Jack be Little, Karioka | | | 3[ ] |
|  | | | short to medium | | |  | | | 4[ ] |
|  | | | medium | | | Goldi | | | 5[ ] |
|  | | | medium to long | | |  | | | 6[ ] |
|  | | | long | | | Autumn Gold, Baikal | | | 7[ ] |
|  | | | long to very long | | |  | | | 8[ ] |
|  | | | very long | | |  | | | 9[ ] |
| **5.10 (26)** | | | **Only Zucchini and Rounded Zucchini type varieties: Young fruit: general shape** | | |  | | |  |
|  | | | globular | | | De Nice à Fruit Rond | | | 1[ ] |
|  | | | pear shaped | | | Clarita | | | 2[ ] |
|  | | | tapered elliptical | | | Top Kapi | | | 3[ ] |
|  | | | elliptical | | | Table Dainty | | | 4[ ] |
|  | | | cylindrical | | | Ambassador, Ibis | | | 5[ ] |
|  | | | tapered cylindrical | | |  | | | 6[ ] |
|  | | | not applicable | | |  | | | [   ] |
|  | | | Characteristics | | | Example Varieties | | | Note |
| **5.11 (27)** | | | **Young fruit: main color of skin (excluding color of ribs or grooves)** | | |  | | |  |
|  | | | white | | | White Bush Scallop | | | 1[ ] |
|  | | | cream | | | Tivoli | | | 2[ ] |
|  | | | yellow | | | Goldi | | | 3[ ] |
|  | | | green | | | Elite, Opal, Romano | | | 4[ ] |
|  | | | partly white and partly yellow | | |  | | | 5[ ] |
|  | | | partly white and partly green | | |  | | | 6[ ] |
|  | | | partly yellow and partly green | | | Sunburst, Zephyr | | | 7[ ] |
| **5.12 (12)** | | | **Only varieties with green color of skin: Young fruit: intensity of green color of skin (as for 27)** | | |  | | |  |
|  | | | very light | | | Clarita, Goya, Patty Green Tint | | | 1[ ] |
|  | | | very light to light | | |  | | | 2[ ] |
|  | | | light | | | Arlika | | | 3[ ] |
|  | | | light to very light | | |  | | | 4[ ] |
|  | | | medium | | | Baccara | | | 5[ ] |
|  | | | medium to dark | | |  | | | 6[ ] |
|  | | | dark | | | Arlesa, Sandra, Zefira | | | 7[ ] |
|  | | | dark to very dark | | |  | | | 8[ ] |
|  | | | very dark | | | Carnaval, Corsair | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
| **5.13 (30)** | | | **Fruit: general shape** | | |  | | |  |
|  | | | disc shaped | | |  | | | 1[ ] |
|  | | | transverse elliptical | | |  | | | 2[ ] |
|  | | | transverse broad elliptical | | |  | | | 3[ ] |
|  | | | globular | | |  | | | 4[ ] |
|  | | | top shaped | | |  | | | 5[ ] |
|  | | | broad elliptical | | |  | | | 6[ ] |
|  | | | ovate | | |  | | | 7[ ] |
|  | | | elliptical | | |  | | | 8[ ] |
|  | | | cylindrical | | |  | | | 9[ ] |
|  | | | pear shaped | | |  | | | 10[ ] |
|  | | | bottle shaped | | |  | | | 11[ ] |
|  | | | club shaped | | |  | | | 12[ ] |
|  | | | Characteristics | | | Example Varieties | | | Note |
| **5.14 (31.1)** | | | **Only Scallop type varieties: Fruit: length** | | |  | | |  |
|  | | | very short | | |  | | | 1[ ] |
|  | | | very short to short | | |  | | | 2[ ] |
|  | | | short | | | Bennings Green Tint | | | 3[ ] |
|  | | | short to medium | | |  | | | 4[ ] |
|  | | | medium | | | Sunburst | | | 5[ ] |
|  | | | medium to long | | |  | | | 6[ ] |
|  | | | long | | | Yellow Bush Scallop | | | 7[ ] |
|  | | | long to very long | | |  | | | 8[ ] |
|  | | | very long | | |  | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
| **5.15 (31.2)** | | | **Only Acorn type varieties: Fruit: length** | | |  | | |  |
|  | | | very short | | |  | | | 1[ ] |
|  | | | very short to short | | |  | | | 2[ ] |
|  | | | short | | | Table Gold | | | 3[ ] |
|  | | | short to medium | | |  | | | 4[ ] |
|  | | | medium | | | Swan White Acorn | | | 5[ ] |
|  | | | medium to long | | |  | | | 6[ ] |
|  | | | long | | | Ebony Table Queen | | | 7[ ] |
|  | | | long to very long | | |  | | | 8[ ] |
|  | | | very long | | |  | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
| **5.16 (31.3)** | | | **Only Neck type varieties: Fruit: length** | | |  | | |  |
|  | | | very short | | |  | | | 1[ ] |
|  | | | very short to short | | |  | | | 2[ ] |
|  | | | short | | | Wryneck | | | 3[ ] |
|  | | | short to medium | | |  | | | 4[ ] |
|  | | | medium | | | Yellow Summer Crookneck | | | 5[ ] |
|  | | | medium to long | | |  | | | 6[ ] |
|  | | | long | | | Sunbar | | | 7[ ] |
|  | | | long to very long | | |  | | | 8[ ] |
|  | | | very long | | |  | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
|  | | | Characteristics | | | Example Varieties | | | Note |
| **5.17 (31.4)** | | | **Only Zucchini type varieties: Fruit: length** | | |  | | |  |
|  | | | very short | | | Jericho | | | 1[ ] |
|  | | | very short to short | | |  | | | 2[ ] |
|  | | | short | | | Jedida | | | 3[ ] |
|  | | | short to medium | | |  | | | 4[ ] |
|  | | | medium | | | Cora | | | 5[ ] |
|  | | | medium to long | | |  | | | 6[ ] |
|  | | | long | | | Carlotta | | | 7[ ] |
|  | | | long to very long | | |  | | | 8[ ] |
|  | | | very long | | | Altea | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
| **5.18 (32.1)** | | | **Only Scallop type varieties: Fruit: maximum diameter** | | |  | | |  |
|  | | | very small | | |  | | | 1[ ] |
|  | | | very small to small | | |  | | | 2[ ] |
|  | | | small | | | Scallopini | | | 3[ ] |
|  | | | small to medium | | |  | | | 4[ ] |
|  | | | medium | | | Yellow Bush Scallop | | | 5[ ] |
|  | | | medium to large | | |  | | | 6[ ] |
|  | | | large | | | White Bush Scallop | | | 7[ ] |
|  | | | large to very large | | |  | | | 8[ ] |
|  | | | very large | | |  | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
| **5.19 (32.2)** | | | **Only Acorn type varieties: Fruit: maximum diameter** | | |  | | |  |
|  | | | very small | | |  | | | 1[ ] |
|  | | | very small to small | | |  | | | 2[ ] |
|  | | | small | | | Table Gold | | | 3[ ] |
|  | | | small to medium | | |  | | | 4[ ] |
|  | | | medium | | | Table King | | | 5[ ] |
|  | | | medium to large | | |  | | | 6[ ] |
|  | | | large | | | Swan White Acorn | | | 7[ ] |
|  | | | large to very large | | |  | | | 8[ ] |
|  | | | very large | | |  | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
|  | | | Characteristics | | | Example Varieties | | | Note |
| **5.20 (32.3)** | | | **Only Zucchini type varieties: Fruit: maximum diameter** | | |  | | |  |
|  | | | very small | | |  | | | 1[ ] |
|  | | | very small to small | | |  | | | 2[ ] |
|  | | | small | | | Goldi | | | 3[ ] |
|  | | | small to medium | | |  | | | 4[ ] |
|  | | | medium | | | Opal | | | 5[ ] |
|  | | | medium to large | | |  | | | 6[ ] |
|  | | | large | | | Jericho, Spidi | | | 7[ ] |
|  | | | large to very large | | |  | | | 8[ ] |
|  | | | very large | | |  | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
| **5.21 (34.1)** | | | **Only Pumpkin type varieties: Fruit: size** | | |  | | |  |
|  | | | very small | | | Wee-B-Little | | | 1[ ] |
|  | | | very small to small | | |  | | | 2[ ] |
|  | | | small | | | Peek-a-Boo | | | 3[ ] |
|  | | | small to medium | | |  | | | 4[ ] |
|  | | | medium | | | Spirit | | | 5[ ] |
|  | | | medium to large | | |  | | | 6[ ] |
|  | | | large | | | Ghost Rider | | | 7[ ] |
|  | | | large to very large | | |  | | | 8[ ] |
|  | | | very large | | | Howden | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
| **5.22 (34.2)** | | | **Only Rondini type varieties: Fruit: size** | | |  | | |  |
|  | | | very small | | |  | | | 1[ ] |
|  | | | very small to small | | |  | | | 2[ ] |
|  | | | small | | | Pomme d’Or | | | 3[ ] |
|  | | | small to medium | | |  | | | 4[ ] |
|  | | | medium | | | Rolet | | | 5[ ] |
|  | | | medium to large | | |  | | | 6[ ] |
|  | | | large | | | Little Gem | | | 7[ ] |
|  | | | large to very large | | |  | | | 8[ ] |
|  | | | very large | | |  | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
|  | | | Characteristics | | | Example Varieties | | | Note |
| **5.23 (46)** | | | **Fruit: grooves** | | |  | | |  |
|  | | | absent | | |  | | | 1[ ] |
|  | | | present | | |  | | | 9[ ] |
| **5.~~5~~ 24 (50)** | | | **Fruit: main color of skin (excluding color of dots, patches, stripes and bands)** | | |  | | |  |
|  | | | white | | | Pâtisson blanc panaché de vert | | | 1[ ] |
|  | | | cream | | | Early White Bush Scallop, Little Boo | | | 2[ ] |
|  | | | yellow | | | Autumn Gold | | | 3[ ] |
|  | | | green | | | Ambassador, Baby Bear | | | 4[ ] |
|  | | | partly white and partly yellow | | |  | | | 5[ ] |
|  | | | partly white and partly green | | |  | | | 6[ ] |
|  | | | partly yellow and partly green | | | Sunburst, Zephyr | | | 7[ ] |
| **5.25 (51)** | | | **Only varieties with yellow color of skin: Fruit: intensity of yellow color of skin (as for 50)** | | |  | | |  |
|  | | | very light | | |  | | | 1[ ] |
|  | | | very light to light | | |  | | | 2[ ] |
|  | | | light | | |  | | | 3[ ] |
|  | | | light to medium | | |  | | | 4[ ] |
|  | | | medium | | |  | | | 5[ ] |
|  | | | medium to dark | | |  | | | 6[ ] |
|  | | | dark | | |  | | | 7[ ] |
|  | | | dark to very dark | | |  | | | 8[ ] |
|  | | | very dark | | |  | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
|  | | | Characteristics | | | Example Varieties | | | Note |
| **5.26 (52)** | | | **Only varieties with yellow color of skin: Fruit: intensity of yellow color of skin (as for 50)** | | |  | | |  |
|  | | | very light | | |  | | | 1[ ] |
|  | | | very light to light | | |  | | | 2[ ] |
|  | | | light | | |  | | | 3[ ] |
|  | | | light to medium | | |  | | | 4[ ] |
|  | | | medium | | |  | | | 5[ ] |
|  | | | medium to dark | | |  | | | 6[ ] |
|  | | | dark | | | Cora | | | 7[ ] |
|  | | | dark to very dark | | |  | | | 8[ ] |
|  | | | very dark | | | Baby Bear, Sardane | | | 9[ ] |
|  | | | not applicable | | |  | | | [   ] |
| **5.27 (54)** | | | **Fruit: stripes in grooves** | | |  | | |  |
|  | | | absent | | | Baby Bear, Jack Be Little | | | 1[ ] |
|  | | | present | | | Delicata, Heart of Gold,  Pâtisson jaune panaché de vert | | | 9[ ] |
| **5.28 (57)** | | | **Fruit: dots** | | |  | | |  |
|  | | | absent | | | Sunburst | | | 1[ ] |
|  | | | present | | | Gold Rush, Table Queen | | | 9[ ] |
| **5.29 (59)** | | | **Fruit: secondary green color between ribs (excluding dots)** | | |  | | |  |
|  | | | absent | | | Grey Zucchini, Small Sugar | | | 1[ ] |
|  | | | present | | | Beatrice, Greyzini, Heart of Gold, Steierischer Ölkürbis, Tonda Padana, Zubi | | | 9[ ] |
| **5.30 (61)** | | | **Fruit: distribution of secondary green color between ribs** | | |  | | |  |
|  | | | sparse patches | | | Greyzini, Elite | | | 1[ ] |
|  | | | dense patches | | | Steierischer Ölkürbis | | | 2[ ] |
|  | | | one colored stripes | | | Altea | | | 3[ ] |
|  | | | two colored stripes | | |  | | | 4[ ] |
|  | | | one colored bands covering the whole surface | | | Badger Cross, Twickers, Zubi | | | 5[ ] |
|  | | | two colored bands covering the whole surface | | | Beatrice | | | 6[ ] |
|  | | | Characteristics | | | Example Varieties | | | Note |
| **5.31 (69)** | | | **Ripe fruit: main color of skin (excluding color of mottles, patches, stripes and bands)** | | |  | | |  |
|  | | | white | | | Pâtisson blanc panaché de vert | | | 1[ ] |
|  | | | whitish | | | White Bush Scallop | | | 2[ ] |
|  | | | cream | | | Bianchini, Opal | | | 3[ ] |
|  | | | yellow | | | Gold Rush | | | 4[ ] |
|  | | | orange | | | Autumn Gold | | | 5[ ] |
| **5.32 (71)** | | | **Ripe fruit: secondary color of skin (as for 69)** | | |  | | |  |
|  | | | whitish | | |  | | | 1[ ] |
|  | | | cream | | |  | | | 2[ ] |
|  | | | yellow | | |  | | | 3[ ] |
|  | | | orange | | |  | | | 4[ ] |
|  | | | green | | |  | | | 5[ ] |
| **5.33 (74)** | | | **Ripe fruit: color of flesh** | | |  | | |  |
|  | | | cream | | | Elite | | | 1[ ] |
|  | | | yellow | | | Sunburst, Vegetable Spaghetti | | | 2[ ] |
|  | | | orange | | | Autumn Gold | | | 3[ ] |

[Anlage VIII follows]

Test Guidelines for Watermelon (document TG/142/5 Rev.)

The proposed additions to TQ 5 are presented in highlight and underline.

| TECHNICAL QUESTIONNAIRE | | Page {x} of {y} | Reference Number: | | |
| --- | --- | --- | --- | --- | --- |
|  | |  |  | | |
| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). | | | | | |
|  | Characteristics | | | Example Varieties | Note |
| **5.1 (1)** | **Ploidy** | | |  |  |
|  | diploid | | | SP 4, Sugar Baby, Yamato 3 | 2[ ] |
|  | triploid | | | Boston, TRIX 313 | 3[ ] |
|  | tetraploid | | |  | 4[ ] |
| **5.2 (8)** | **Leaf blade: degree of lobing** | | |  |  |
|  | absent or very weak | | | Sunshade | 1[ ] |
|  | very weak to weak | | |  | 2[ ] |
|  | weak | | | Estrella, Karistan | 3[ ] |
|  | weak to medium | | |  | 4[ ] |
|  | medium | | | Crimson Sweet, Crisby | 5[ ] |
|  | medium to strong | | |  | 6[ ] |
|  | strong | | | Cadanz | 7[ ] |
|  | strong to very strong | | |  | 8[ ] |
|  | very strong | | | SP 1 | 9[ ] |
| **5.~~2~~ 3 (11)** | **Fruit: weight** | | |  |  |
|  | very low | | | Monaco*,* New Hampshire Midget | 1[ ] |
|  | very low to low | | | Mini*,* Petite Perfection | 2[ ] |
|  | low | | | Angela | 3[ ] |
|  | low to medium | | | Pasion, Sugar Baby | 4[ ] |
|  | medium | | | Boston | 5[ ] |
|  | medium to high | | | Crimson Sweet, Panonnia | 6[ ] |
|  | high | | | Fabiola | 7[ ] |
|  | high to very high | | | Jubilee | 8[ ] |
|  | very high | | | Carolina Cross*,* Cobb’s Gem, Florida Giant | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~3~~ 4 (12)** | **Fruit: shape in longitudinal section** | | |  |  |
|  | circular | | | Camilla, Kanro | 1[ ] |
|  | broad elliptic | | | Fumin, Gray Belle, Yellow Baby, Zorba | 2[ ] |
|  | medium elliptic | | | Congo, Kurobe, Picnic | 3[ ] |
|  | narrow elliptic | | | All Sweet, Charleston Gray | 4[ ] |
| **5.~~4~~ 5 (16)** | **Fruit: ground color of skin** | | |  |  |
|  | yellow | | | Taiyô | 1[ ] |
|  | very light green | | | Ipanema | 2[ ] |
|  | very light green to light green | | | Napsugar | 3[ ] |
|  | light green | | | Tigre | 4[ ] |
|  | light green to medium green | | | Pepsin | 5[ ] |
|  | medium green | | | Ovation, Talete | 6[ ] |
|  | medium green to dark green | | | Odem, Resistant, Sweet Marvel | 7[ ] |
|  | dark green | | | Sugar Baby | 8[ ] |
|  | dark green to very dark green | | | Augusta, Rocio | 9[ ] |
|  | very dark green | | |  | 10[ ] |
| **5.6 (18)** | **Fruit: pattern of stripes** | | |  |  |
|  | only one colored | | | Congo | 1[ ] |
|  | one colored and veins | | | Trix Palomar | 2[ ] |
|  | one colored, veins and marbled | | | Boston | 3[ ] |
|  | one colored and marbled | | | Jenny | 4[ ] |
|  | two colored, veins and marbled | | | Crisby | 5[ ] |
|  | only veins | | |  | 6[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~5~~ 7 (19)** | **Fruit: width of stripes** | | |  |  |
|  | very narrow | | | SP 4, Tiny Orchid | 1[ ] |
|  | very narrow to narrow | | |  | 2[ ] |
|  | narrow | | | Boston | 3[ ] |
|  | narrow to medium | | |  | 4[ ] |
|  | medium | | | Crimson Sweet | 5[ ] |
|  | medium to broad | | |  | 6[ ] |
|  | broad | | | Sangria | 7[ ] |
|  | broad to very broad | | |  | 8[ ] |
|  | very broad | | | All Sweet | 9[ ] |
| **5.8 (20)** | **Fruit: main color of stripes** | | |  |  |
|  | yellow | | |  | 1[ ] |
|  | very light green | | |  | 2[ ] |
|  | light green | | |  | 3[ ] |
|  | medium green | | |  | 4[ ] |
|  | dark green | | |  | 5[ ] |
|  | very dark green | | |  | 6[ ] |
| **5.9 (21)** | **Fruit: conspicuousness of stripes** | | |  |  |
|  | inconspicuous or very weakly conspicuous | | | Augusta | 1[ ] |
|  | weak | | | Odem | 2[ ] |
|  | medium | | | Trix Palomar | 3[ ] |
|  | strong | | | Jenny | 4[ ] |
|  | very strong | | | A graine rouge à confire à chair verte | 5[ ] |
| **5.~~6~~ 10 (22)** | **Fruit: margin of stripes** | | |  |  |
|  | diffuse | | | Crimson Glory, Crisby | 1[ ] |
|  | medium | | | Crimson Sweet | 2[ ] |
|  | sharp | | | Jenny, Jubilee | 3[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.11 (27)** | **Fruit: thickness of pericarp** | | |  |  |
|  | very thin | | | Bibo, Tiny Orchid, Luciano | 1[ ] |
|  | very thin to thin | | |  | 2[ ] |
|  | thin | | | À graine rouge à confire à chair verte, Beni-kodama, Jenny, Kahô, Kassai | 3[ ] |
|  | thin to medium | | |  | 4[ ] |
|  | medium | | | Panonnia, Sugar Baby, Sugar Belle, Yamato 3 | 5[ ] |
|  | medium to thick | | |  | 6[ ] |
|  | thick | | | Charleston Gray, Crimson Sweet, Kurobe, Triple Sweet, Sunrise | 7[ ] |
|  | thick to very thick | | |  | 8[ ] |
|  | very thick | | | Coles Early, Kholodok | 9[ ] |
| **5.~~7~~ 12 (28)** | **Fruit: main color of flesh** | | |  |  |
|  | white | | | SP 4, SP 1,Yamato Cream 3 | 1[ ] |
|  | yellow | | | Napsugár, Yamato Cream 1 | 2[ ] |
|  | orange | | | Kahô, Tendersweet | 3[ ] |
|  | pink | | | Sadul | 4[ ] |
|  | pinkish red | | | Bingo, Crimson Sweet | 5[ ] |
|  | red | | | Asahi Miyako Hybrid, Sugar Baby, Topgun | 6[ ] |
|  | dark red | | | Dixie Lee | 7[ ] |
| **5.13 (29)** | **Only triploid varieties: Seed coat: size** | | |  |  |
|  | small | | | Petite Perfection | 2[ ] |
|  | medium | | | Boston, Valdoria,  Sweet Sun | 3[ ] |
|  | large | | | Ortal, Tigre, Pasion | 4[ ] |
|  | not applicable | | |  | [ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.~~8~~ 14 (31)** | **Only diploid and tetraploid varieties: Seed: length** | | |  |  |
|  | very short | | | Kudam | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Panonnia, Tabata | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Sugar Baby | 5[ ] |
|  | medium to long | | |  | 6[ ] |
|  | long | | | Charleston Gray, Kurobe | 7[ ] |
|  | long to very long | | |  | 8[ ] |
|  | very long | | | Malali, Wanli | 9[ ] |
|  | not applicable | | |  | [   ] |
| **5.~~9~~ 15 (33)** | **Only diploid and tetraploid varieties: Seed: ground color of testa** | | |  |  |
|  | white | | | Sanpaku | 1[ ] |
|  | cream | | | Kurobe | 2[ ] |
|  | green | | | A confire allongée à graine verte, Green Citron | 3[ ] |
|  | red | | | A graine rouge à confire à chair verte, Red Citron | 4[ ] |
|  | red brown | | | Kahô | 5[ ] |
|  | brown | | | Otome, Sugar Baby | 6[ ] |
|  | black | | | Yamato Cream | 7[ ] |
|  | not applicable | | |  | [   ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.16 (36)** | **Time of female flowering** | | |  |  |
|  | very early | | |  | 1[ ] |
|  | very early to early | | |  | 2[ ] |
|  | early | | | Tiny Orchid | 3[ ] |
|  | early to medium | | |  | 4[ ] |
|  | medium | | | Sugar Baby, Yamato 3 | 5[ ] |
|  | medium to late | | |  | 6[ ] |
|  | late | | | Kurobe | 7[ ] |
|  | late to very late | | |  | 8[ ] |
|  | very late | | |  | 9[ ] |
| **5.17 (37.1)** | **Resistance to *Fusarium oxysporum* f.sp. *niveum –* Race 0** | | |  |  |
|  | absent | | | Kahô, Sugar Baby | 1[ ] |
|  | present | | | Calhoun Gray, Charleston Gray | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.18 (37.2)** | **Resistance to *Fusarium oxysporum* f.sp. *niveum –* Race 1** | | |  |  |
|  | absent | | | Charleston Gray, Kahô, Sugar Baby | 1[ ] |
|  | present | | | Calhoun Gray | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.19 (37.3)** | **Resistance to *Fusarium oxysporum* f.sp. *niveum –* Race 2** | | |  |  |
|  | absent | | | Calhoun Gray, Kahô | 1[ ] |
|  | present | | | PI 296341-FR | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.20 (38.1)** | **Resistance to *Colletotrichum orbiculare* – Race 1** | | |  |  |
|  | absent | | | Black Diamond, Calhoun Gray, Kahô | 1[ ] |
|  | present | | | Charleston Gray, Congo, Jubilee | 9[ ] |
|  | not tested | | |  | [ ] |

[Anlage IX folgt]

Test Guidelines for Tomato Rootstocks (document TG/294/1 Corr. Rev. 3)

The proposed additions to TQ 5 are presented in highlight and underline.

| TECHNICAL QUESTIONNAIRE | | Page {x} of {y} | Reference Number: | | |
| --- | --- | --- | --- | --- | --- |
|  | |  |  | | |
| 5. Characteristics of the variety to be indicated (the number in brackets refers to the corresponding characteristic in Test Guidelines; please mark the note which best corresponds). | | | | | |
|  | Characteristics | | | Example Varieties | Note |
| **5.1 (2)** | **Plant: height** | | |  |  |
|  | very short | | |  | 1[ ] |
|  | very short to short | | |  | 2[ ] |
|  | short | | | Big Power | 3[ ] |
|  | short to medium | | |  | 4[ ] |
|  | medium | | | Maxifort | 5[ ] |
|  | medium to tall | | |  | 6[ ] |
|  | tall | | | Beaufort | 7[ ] |
|  | tall to very tall | | |  | 8[ ] |
|  | very tall | | |  | 9[ ] |
| **5.2 (8)** | **Leaf: intensity of green color** | | |  |  |
|  | very light | | |  | 1[ ] |
|  | very light to light | | |  | 2[ ] |
|  | light | | |  | 3[ ] |
|  | light to medium | | |  | 4[ ] |
|  | medium | | |  | 5[ ] |
|  | medium to dark | | |  | 6[ ] |
|  | dark | | | Maxifort | 7[ ] |
|  | dark to very dark | | |  | 8[ ] |
|  | very dark | | |  | 9[ ] |
| **5.~~1~~ 3 (11)** | **Fruit: green shoulder** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Big Force, Maxifort | 9[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.4 (14)** | **Fruit: conspicuousness of meridian stripes** | | |  |  |
|  | very weak | | | He Wolf | 1[ ] |
|  | weak | | | Popeye | 2[ ] |
|  | medium | | | Body | 3[ ] |
|  | strong | | | Vigomax | 4[ ] |
|  | very strong | | |  | 5[ ] |
| **5.5 (16)** | **Fruit: size** | | |  |  |
|  | not developed or very small | | | RT303 | 1[ ] |
|  | very small to small | | |  | 2[ ] |
|  | small | | | Body, Optifort | 3[ ] |
|  | small to medium | | |  | 4[ ] |
|  | medium | | | Emperador | 5[ ] |
|  | medium to large | | |  | 6[ ] |
|  | large | | | Titron | 7[ ] |
|  | large to very large | | |  | 8[ ] |
|  | very large | | |  | 9[ ] |
| **5.~~2~~ 6 (17)** | **Fruit: shape in longitudinal section** | | |  |  |
|  | broad oblate | | | He-Wolf | 1[ ] |
|  | narrow oblate | | | Gladiator | 2[ ] |
|  | circular | | | Maxifort | 3[ ] |
|  | obovate | | |  | 4[ ] |
| **5.~~3~~ 7 (18)** | **Fruit: number of locules** | | |  |  |
|  | only two | | | Maxifort | 1[ ] |
|  | two and three | | |  | 2[ ] |
| **5.~~4~~ 8 (19)** | **Fruit: color at maturity** | | |  |  |
|  | green | | | Big Force | 1[ ] |
|  | yellowish | | | Vigomax | 2[ ] |
|  | orangish | | | Titron | 3[ ] |
|  | reddish | | | Brigeor | 4[ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.9 (21)** | **Autonecrosis** | | |  |  |
|  | absent | | | Maxifort | 1[ ] |
|  | present | | | Body | 9[ ] |
| **5.~~5~~ 10 (22)** | **Resistance to *Meloidogyne incognita* (Mi)** | | |  |  |
|  | susceptible | | | Bruce | 1[ ] |
|  | moderately resistant | | |  | 2[ ] |
|  | highly resistant | | | Emperador | 3[ ] |
| **5.~~6~~ 11 (23)** | **Resistance to *Verticillium* sp*.* (Va and Vd) *-* Race 0** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Big Power | 9[ ] |
| **5.~~8~~ 12 (24)** | **Resistance to *Fusarium oxysporum* f. sp*. lycopersici* (Fol) - Race 0EU/1US** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Emperador | 9[ ] |
| **5.~~9~~ 13 (24.2)** | **Resistance to *Fusarium oxysporum* f. sp*. lycopersici* (Fol) - Race 1EU/2US** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Emperador | 9[ ] |
| **5.~~10~~ 14 (24.3)** | **Resistance to *Fusarium oxysporum* f. sp*. lycopersici* (Fol) - Race 2EU/3US** | | |  |  |
|  | absent | | | Emperador | 1[ ] |
|  | present | | | Colosus | 9[ ] |
| **5.~~11~~ 15 (25)** | **Resistance to** ***Fusarium oxysporum* f. sp*. radicis-lycopersici* (Forl)** | | |  |  |
|  | absent | | | Kemerit | 1[ ] |
|  | present | | | Emperador | 9[ ] |
| **5.16 (26.1)** | **Resistance to *Fulvia fulva* (Ff) (ex *Cladosporium fulvum*) – Race 0** | | |  |  |
|  | absent | | | King Kong | 1[ ] |
|  | present | | | Bruce | 9[ ] |
|  | not tested | | |  | [ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.17 (26.2)** | **Resistance to *Fulvia fulva* (Ff) (ex *Cladosporium fulvum*) – Group A** | | |  |  |
|  | absent | | | King Kong | 1[ ] |
|  | present | | | Big Power | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.18 (26.3)** | **Resistance to *Fulvia fulva* (Ff) (ex *Cladosporium fulvum*) – Group B** | | |  |  |
|  | absent | | | King Kong | 1[ ] |
|  | present | | | Bruce | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.19 (26.4)** | **Resistance to *Fulvia fulva* (Ff) (ex *Cladosporium fulvum*) – Group C** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Big Power | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.20 (26.5)** | **Resistance to *Fulvia fulva* (Ff) (ex *Cladosporium fulvum*) – Group D** | | |  |  |
|  | absent | | | King Kong | 1[ ] |
|  | present | | | Bruce | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.21 (26.6)** | **Resistance to *Fulvia fulva* (Ff) (ex *Cladosporium fulvum*) – Group E** | | |  |  |
|  | absent | | | Bruce, King Kong | 1[ ] |
|  | present | | | Big Power | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.22 (27.1)** | **Resistance to Tomato mosaic virus (ToMV) – Strain 0** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Emperador | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.23 (27.2)** | **Resistance to Tomato mosaic virus (ToMV) – Strain 1** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Emperador | 9[ ] |
|  | not tested | | |  | [ ] |
|  | Characteristics | | | Example Varieties | Note |
| **5.24 (27.3)** | **Resistance to Tomato mosaic virus (ToMV) – Strain 2** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Emperador | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.25 (28)** | **Resistance to *Pyrenochaeta lycopersici* (Pl)** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Emperador | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.26 (29)** | **Resistance to *Stemphylium* spp. (Ss)** | | |  |  |
|  | absent | | | Big Power | 1[ ] |
|  | present | | | Body | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.27 (30)** | **Resistance to Tomato yellow leaf curl virus (TYLCV)** | | |  |  |
|  | absent | | | Big Power | 1[ ] |
|  | present | | |  | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.28 (31)** | **Resistance to Tomato spotted wilt virus (TSWV)** | | |  |  |
|  | absent | | | Emperador | 1[ ] |
|  | present | | | Enpower | 9[ ] |
|  | not tested | | |  | [ ] |
| **5.29 (32)** | **Resistance to *Oidium neolycopersici* (On)** | | |  |  |
|  | absent | | |  | 1[ ] |
|  | present | | | Multifort | 9[ ] |
|  | not tested | | |  | [ ] |

[Anlage X folgt]

Mitteilung zusätzlicher Ausprägungsstufen

**Für Spargel ausstehende Prüfungsrichtlinien: TG/130/4**

**Zusätzliche Ausprägungsstufe(n)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Einreichende Behörde: | | | CPVO (QZ) | | | Kontakt-Sachverständiger: | | Name: | Morineau Céline | | | | |
|  | | |  | | |  | |  |  | | | | |
| Datum: | | | 28. Juli 2022 | | | Organisation: | | | CPVO | | | | |
|  | | |  | | |  | |  |  | | | | |
|  | | |  | | |  | | Tel.: | +33 (0) 2 41 25 64 00 | | | | |
|  | | |  | | |  | |  |  | | | | |
|  | | |  | | |  | | E-Mail: | morineau@cpvo.europa.eu | | | | |
|  |  | Englisch | | français | deutsch | | español | | | Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo | Note/ Nota | |
| [Bestehendes Merkmal: vollständig wiederzugeben entsprechend UPOV-Prüfungsrichtlinie (einschließlich Merkmalsnummer, Ausprägungstyp, Erfassungsmethode, Stufen, Beispielssorten und Noten)] | | | | | | | | | | | | |
| **16** | VG | Type of flowering | | Type de floraison | Blühtyp | | Tipo de floración | | |  |  | |
| **(+)** |  | plants with male flowers and plants with female flowers | | plantes avec des fleurs mâles et plantes avec des fleurs femelles | Pflanzen mit männlichen Blüten und Pflanzen mit weiblichen Blüten | | plantas con flores masculinas y plantas con flores femeninas | | | Andreas | 1 | |
| **(\*)** |  | plants with male and female flowers | | plantes avec des fleurs mâles et des fleurs femelles | Pflanzen mit männlichen und weiblichen Blüten | | plantas con flores masculinas y femeninas | | | Argenteuil, Desto | 2 | |
| **QL** |  | plants with androhermaphrodite flowers and plants with male flowers with style rudiments | | plantes avec des fleurs androhermaphrodites et plantes avec des fleurs mâles avec rudiments de style | Pflanzen mit männlich-zwittrigen Blüten und Pflanzen mit männlichen Blüten mit Griffelrudimenten | | plantas con flores hermafroditas masculinas y plantas con flores masculinas con estilo | | | Backlim, Gijnlim | 3 | |
| [Merkmal mit neuer/n Ausprägungsstufe(n) (einschließlich aller obiger Informationen)] | | | | | | | | | | | | |
| 16 | VG | Type of flowering | | Type de floraison | Blühtyp | | Tipo de floración | | |  |  | |
| (+) |  | plants with male flowers and plants with female flowers | | plantes avec des fleurs mâles et plantes avec des fleurs femelles | Pflanzen mit männlichen Blüten und Pflanzen mit weiblichen Blüten | | plantas con flores masculinas y plantas con flores femeninas | | | Andreas | 1 | |
| (\*) |  | plants with male and female flowers | | plantes avec des fleurs mâles et des fleurs femelles | Pflanzen mit männlichen und weiblichen Blüten | | plantas con flores masculinas y femeninas | | | Argenteuil, Desto | 2 | |
| QL |  | plants with androhermaphrodite flowers and plants with male flowers with style rudiments | | plantes avec des fleurs androhermaphrodites et plantes avec des fleurs mâles avec rudiments de style | Pflanzen mit männlich-zwittrigen Blüten und Pflanzen mit männlichen Blüten mit Griffelrudimenten | | plantas con flores hermafroditas masculinas y plantas con flores masculinas con estilo | | | Backlim, Gijnlim | 3 | |
|  |  | weiblich | |  |  | |  | | |  | X | |
| Erläuterung / Abbildung (unter Angabe des Umfangs der Verwendung des/der Merkmals/Merkmale): / | | | | | | | | | | | |

Mitteilung zusätzlicher Merkmale

**Prüfungsrichtlinien für Salat: TG/13/11 Rev.2**

**Zusätzliche/s Merkmal/e**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Einreichende Behörde: | CPVO (QZ) | Kontakt-Sachverständiger: | Name: | Morineau Céline |
|  |  |  |  |  |
| Datum: | 28. Juli 2022 | Organisation: | | CPVO |
|  |  |  |  |  |
|  |  |  | Tel.: | +33 (0) 2 41 25 64 00 |
|  |  |  |  |  |
|  |  |  | E-Mail: | morineau@cpvo.europa.eu |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Englisch | français | deutsch | español | Example Varieties/ **[iii]** Exemples/ Beispielssorten/ Variedades ejemplo | Note/ Nota |
| **New 1.** | **VG** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl)  Isolate PT2036** | | |  | | --- | | **Résistance à *Bremia lactucae* (Bl)  Isolat PT2036** | | |  | | --- | | **Resistenz gegen *Bremia lactucae* (Bl) Isolat PT2036** | | |  | | --- | | **Resistencia a *Bremia lactucae* (Bl) Aislado PT2036** | |  |  |
| **QL** |  | absent | absente | fehlend | ausente | Green Towers, Odra | 1 |
|  |  | present | présente | vorhanden | presente | Templin | 9 |

**[i]** Ausprägungstyp des Merkmals angeben (QL, PQ, QN)

**[ii]** Art der Erfassung angeben (VG, VS, MG, MS)

**[iii]** Beispielssorten für mindestens 2 Stufen angeben

**Erläuterung / Abbildung (unter Angabe des Umfangs der Verwendung des/der Merkmals/Merkmale):**

Resistenz gegen Bremia lactucae (Bl)   
Isolat PT2036

1. Pathogen *Bremia lactucae*

2. Quarantänestatus keiner

3. Wirtsart lettuce - Lactuca sativa L.

4. Quelle des Inokulums Naktuinbouw ([resistentie@naktuinbouw.nl](mailto:resistentie@naktuinbouw.nl))

5. Isolat PT2036

6. Feststellung der Isolatidentität Prüfung auf Differentialsorten (siehe nachstehende Tabelle)

7. Feststellung der Pathogenität Prüfung an anfälligen Sorten

8. Vermehrung des Inokulums

8.1 Vermehrungsmedium Salatpflänzchen

8.2 Vermehrungssorte anfällige Sorte, z. B. Green Towers.

8.3 Pflanzenstadium bei der Inokulation Keimblatt bis erstes Blatt

8.4 Inokulationsmedium Leitungswasser

8.5 Inokulationsmethode Aufsprühen einer Sporensuspension

8.6 Ernte des Inokulums von Blättern abwaschen

8.7 Prüfung des geernteten Inokulums Sporen zählen

8.8 Haltbarkeit/Lebensfähigkeit des

Inokulums 2 Stunden bei Raumtemperatur; 2 Tage im Kühlschrank 9. Prüfungsanlage

9.1 Anzahl der Pflanzen pro Genotyp mindestens 20

9.2 Anzahl der Wiederholungen -

9.3 Kontrollsorten (Informative) Differenzialsorten (siehe nachstehende Tabelle)

9.4 Gestaltung der Prüfung -

9.5 Prüfungseinrichtung Klimatisierter Raum

9.6 Temperatur 15°C-18°C

9.7 Licht Ausreichend für ein gutes Pflanzenwachstum; Sämlinge sollten nicht etioliert sein.

Option: Reduziertes Licht 24 Stunden nach Inokulation

9.8 Jahreszeit -

9.9 Besondere Maßnahmen Pflanzen können auf feuchtem Filterpapier mit oder ohne Nährlösung, auf Sand oder auf Topferde wachsen (siehe Punkt 13).

Hohe Luftfeuchtigkeit (>90%) ist wesentlich für Infektion und Sporulation.

10. Inokulation

10.1 Vorbereitung des

Inokulums Von den Blättern abwaschen durch kräftiges Schütteln in geschlossenem Behälter

10.2 Quantifizierung des

Inokulums Sporenzählung; die Sporendichte sollte 3.104-1.105 betragen

10.3 Pflanzenstadium bei

der Inokulation Keimblattstadium

10.4 Inokulationsmethode Aufsprühen bis Inokulum abtropft

Option: Reduziertes Licht 24 Stunden nach Inokulation

10.5 Erste Erfassung Beginn der Sporulation an anfälligen Sorten (etwa 7 Tage nach Inokulation)

10.6 Zweite Erfassung 3-4 Tage nach der ersten Erfassung (etwa 10 Tage nach Inokulation)

10.7 Abschließende

Erfassungen 14 Tage nach der Inokulation

zwei dieser drei Erfassungen können ausreichend sein, der dritte Eintrag ist optional für die Erfassung der Entwicklung von Symptomen im Zweifelsfall. Der Tag der maximalen Sporulation sollte in diesen Zeitraum fallen.

11. Erfassungen

11.1 Methode Visuelle Erfassung der Sporulation und der nekrotischen Reaktion auf die Infektion

* 1. Erfassungsskala resistent

0 keine Sporulation, keine Nekrose

1 keine Sporulation, Nekrose vorhanden

2 schwache Sporulation (viel weniger als anfällige Kontrollsorte) mit Nekrose

3 schwache Sporulation (weniger als anfällige Kontrollsorte und keine Entwicklung zwischen zweiter und dritter Erfassung) mit Nekrose

4 sehr schwache Sporulation (keine Entwicklung zwischen zweiter und dritter Erfassung) ohne Nekrose anfällig

5 reduzierte Sporulation (im Vergleich zu anfälliger Kontrollsorte) ohne Nekrose

6 normale Sporulation ohne Nekrose

11.3 Validierung der Prüfung an Standardsorten.

Im Fall normaler Sporulation (gleicher Grad wie anfällige Kontrollgruppe) mit Nekrose muss eine weitere Prüfung an größeren Pflanzen oder anderem Substrat durchgeführt werden.

12. Auswertung der Daten

hinsichtlich der UPOV-

Ausprägungsstufen Klasse 0, 1, 2, 3 und 4: resistent

Klasse 5 und 6: anfällig

13. Kritische Kontrollpunkte Reaktion von Standardsorten (der Infektionsdruck kann von Versuch zu Versuch unterschiedlich hoch sein, was zu geringen Unterschieden bei der Intensität der Sporenbildung führen kann); wenn die Reaktionen nicht eindeutig sind, sollte der Versuch wiederholt werden.

Es kann auf Erde ausgesät werden, um Nekrose zu beobachten, aber schwache Sporulation (viel weniger als anfällige Kontrollsorte) kann auftreten; bei der Prüfung auf Sand können Sporen mit Sandkörnern verwechselt werden.

im Falle der Verwendung von Nährlösung auf Filterpapier kann ein Fungizid hinzugefügt werden, um eine Kontamination durch Saprophyten zu vermeiden.

Afbeelding met tafel

Automatisch gegenereerde beschrijving

[Anlage XI folgt]

TEST GUIDELINES FOR ADOPTION / PRINCIPES DIRECTEURS D’EXAMEN POUR ADOPTION /  
PRÜFUNGSRICHTLINIEN ZUR ANNAHME / DIRECTRICES DE EXAMEN PARA ADOPCIÓN

| \*\* | TWP | Document No.  No. du document  Dokument-Nr.  No del documento | English | | Français | Deutsch | Español | Botanical name |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| REVISIONS OF TEST GUIDELINES / RÉVISIONS DE PRINCIPES DIRECTEURS D’EXAMEN ADOPTÉS / REVISIONEN ANGENOMMENER PRÜFUNGSRICHTLINIEN / REVISIONES DE DIRECTRICES DE EXAMEN ADOPTADAS | | | | | | | | |
| DE | TWF | TG/14/10(proj.6) | | Apple | Pommier (variétés fruitières) | Apfel (Fruchtsorten) | Manzano (variedades frutales) | *Malus domestica* (Suckow) Borkh. |
| DE | TWF/TWO | TG/22/11(proj.5) | | Strawberry | Fraisier | Erdbeere | Fresa, Frutilla | *Fragaria* L. |
| DE | TWA | TG/23/7(proj.4) | | Potato | Pomme de terre/ | Kartoffel | Papa, Patata | *Solanum tuberosum* L. |
| FR | TWA | TG/31/9(proj.3) | | Cocksfoot | Dactyle | Knaulgras | Dactilo | *Dactylis glomerata* L. |
| AR | TWA | TG/80/7(proj.9) | | Soya Bean | Soja | Sojabohne | Soya, Soja | *Glycine max* (L.) Merr. |
| HU | TWA | TG/81/7(proj.5) | | |  | | --- | | Common Sunflower | | |  | | --- | | Tournesol | | |  | | --- | | Sonnenblume | | |  | | --- | | Girasol | | |  | | --- | | Helianthus annuus L. | |
| JP | TWO | TG/86/6(proj.4) | | Anthurium | Anthurium | Flamingoblume | Anthurium | *Anthurium* Schott |
| DE | TWO | TG/94/7(proj.3) | | Ling, Scots Heather | Callune | Besenheide | Brezo | *Calluna vulgaris* (L.) Hull |
| NL |  | TG/168/4(proj.4) | | Statice | Limonium, Statice | Statice | Limonium | *Goniolimon* Boiss., *Limonium* Mill., *Psylliostachys* (Jaub. & Spach) Nevski |
| PARTIAL REVISIONS OF TEST GUIDELINES / RÉVISIONS PARTIELLES DE PRINCIPES DIRECTEURS D’EXAMEN ADOPTÉS / TEILREVISIONEN ANGENOMMENER PRÜFUNGSRICHTLINIEN / REVISIONES PARCIALES DE DIRECTRICES DE EXAMEN ADOPTADAS | | | | | | | | |
| GB | TWA | TG/3/12, TC/58/29 | | Wheat | Blé | Weizen | Trigo | *Triticum aestivum* L. emend. Fiori et Paol. |
| FR | TWV | TG/7/10 Rev. 2, TC/58/23 | | Pea | Pois | Erbse | Guisante, Arveja | *Pisum sativum* L. |
| QZ | TWO | TG/11/8 Rev., TC/58/27 | | Rose | Rosier | Rose | Rosal | *Rosa* L. |
| NL | TWV | TG/55/7 Rev. 6, TC/58/24 | | Spinach | Épinard | Spinat | Espinaca | *Spinacia oleracea* L. |
| DE | TWA | TG/58/7, TC/58/28 | | Rye | Seigle | Roggen | Centeno | *Secale cereale* L. |
| NL | TWV | TG/65/4 Rev., TC/58/21 | | Kohlrabi | Chou-rave | Kohlrabi | Col rábano | *Brassica oleracea* L. var. *gongylodes* L. |
| CZ | TWF | TG/125/7, TC/58/16 | | Walnut | Noyer | Walnuss | Nogal | *Juglans regia* L. |
| AU | TWF | TG/137/5, TC/58/30 | | Blueberry | Myrtille | Heidelbeere | Arándano americano | *Vaccinium angustifolium* Aiton, *V. corymbosum* L., *V. formosum* Andrews, *V. myrtilloides* Michx., *V. myrtillus* L., *V. virgatum* Aiton, *V. simulatum* Small |
| FR | TWV | TG/154/4, TC/58/22 | | Leaf Chicory | Chicorée à feuille (sauvage) | Blattzichorie | Achicoria de hoja | *Cichorium intybus* L. var. *foliosum* Hegi |
| NL | TWV | TG/162/4, TC/58/20 | | Garlic | Ail | Knoblauch | Ajo | *Allium sativum* L. |
| NL | TWV | TG/244/1 Rev., TC/58/26 | | Lincoln’s-weed, Sand mustard, Sand rocket, Wall rocket, Wild rocket | Roquette sauvage | Wilde Rauke | Roqueta silvestre | *Diplotaxis tenuifolia* (L.) DC. |
| NL | TWV | TG/245/1 Rev., TC/58/19 | | Arugula, Cultivated Rocket, Garden Rocket, Rocket-salad, Rugula, Salad Rocket | Roquette cultivée | Ölrauke, Rauke, Ruke, Rukola, Senfrauke | Oruga común, Roqueta | *Eruca sativa* Mill. |
| NL | TWV | TG/294/1 Corr. Rev. 3, TC/58/25 | | Tomato Rootstocks | Porte-greffe de tomate | Tomaten- unterlagen | Portainjertos de tomate | *Solanum habrochaites* S. Knapp *&* D.M. Spooner*; S. lycopersicum* L. x *S. habrochaites* S. Knapp & D.M. Spooner; *S. lycopersicum* L. x *S. peruvianum* (L.) Mill*.; S. lycopersicum* L. x  *S. cheesmaniae* (L. Ridley) Fosberg; *S. pimpinellifolium* L. *x S.habrochaites* S. Knapp & D.M. Spooner |

Summary / Résumé / Zusammenfassung / Resumen

0 New Test Guidelines / Nouveaux principes directeurs d’examen / Neue Prüfungsrichtlinien / Nuevas directrices de examen

9 Revisions of adopted Test Guidelines / Révisions de principes directeurs d’examen adoptés / Revisionen angenommener Prüfungsrichtlinien / Revisiones de directrices de examen adoptadas.

13 Partial revisions of adopted Test Guidelines / Révisions partielles de principes directeurs d’examen adoptés / Teilrevisionen angenommener Prüfungsrichtlinien / Revisiones parciales de directrices de examen adoptadas

[Annex XII follows /  
L’annexe XII suit /  
Anlage XII folgt /  
Sigue el Anexo XII]

DRAFT TEST GUIDELINES DISCUSSED BY THE TWPS IN 2022 /  
PROJETS DE PRINCIPES DIRECTEURS D’EXAMEN EXAMINÉS PAR LES TWP EN 2022 /  
VON DEN TWP IN 2022 BERARBEITETE PRÜFUNGSRICHTLINIEN /  
PROYECTOS DE DIRECTRICES DE EXAMEN EXAMINADOS POR LOS TWP EN 2022

| \*\* | TWP | Document No.  No. du document  Dokument-Nr.  No del documento | English | Français | Deutsch | Español | Botanical name Nom botanique Botanischer Name Nombre botánico |
| --- | --- | --- | --- | --- | --- | --- | --- |
| CN | TWF | TG/LYCIUM\_BAR (proj.2) | Goji |  |  |  | *Lycium barbarum* L., *L. chinense* Mill., *L. cylindricum* Kuang & A. M. Lu, *L. dasystemum* Pojark., *L. ruthenicum* Murray, *L. truncatum* Y. C. Wang, *L. yunnanense* Kuang & A. M. Lu |
| JP | TWF | TG/MORUS (proj.4) | Mulberry |  |  |  | *Morus* L. |
| CN | TWO | TG/MAGNO (proj.3) | Magnolia |  |  |  | Magnolia L. |
| JP | TWO | TG/OXYPE\_CAE (proj.1) | Oxypetalum |  |  |  | *Oxypetalum coeruleum* (D. Don) Decne. |
| JP | TWA | TG/ZOYSI(proj.3) | Zoysia grasses |  |  |  | *Zoysia* Willd. |
| FR | TWA | TG/31/9(proj.2) | Cocksfoot |  |  |  | *Dactylis glomerata* L. |
| NL | TWA | TG/276/2(proj.1) | Hemp, Cannabis |  |  |  | *Cannabis sativa* L. |
| DE | TWA | TG/23/7(proj.3) | Potato |  |  |  | *Solanum tuberosum* L. |
| GB | TWA | TG/36/7(proj.3) | Oilseed Rape |  |  |  | *Brassica napus* L. *oleifera* |
| AR | TWA | TG/80/7(proj.8) | Soya Bean |  |  |  | *Glycine max* (L.) Merrill |
| AU | TWA | TG/186/2(proj.3) | Sugarcane |  |  |  | *Saccharum* L. |
| HU | TWA | TG/81/7(proj.4) | Sunflower |  |  |  | *Helianthus annuus* L. |
| DE | TWF | TG/14/10(proj.5) | Apple |  |  |  | *Malus domestica* Borkh. |
| IT | TWF | TG/50/10(proj.5) | Grapevine |  |  |  | *Vitis* L. |
| CN | TWF | TG/110/4(proj.2) | Guava |  |  |  | *Psidium guajava* L.; *Psidium cattleyanum* Sabine var. *littorale* (Raddi) Fosberg |
| IT | TWF | TG/71/4(proj.3) | Hazelnut |  |  |  | *Corylus avellana* L.; *Corylus colurna* L. |
| ES | TWF | TG/203/2(proj.1) | Lemon |  |  |  | *Citrus* L. - Group 3 |
| ES | TWF | TG/201/2(proj.1) | Mandarin |  |  |  | *Citrus* L. – Group 1 |
| DE | TWF | TG/43/8(proj.2) | Raspberry |  |  |  | *Rubus idaeus* L. |
| HU | TWF | TG/230/2(proj.2) | Sour Cherry |  |  |  | *Prunus cerasus* L. |
| DE | TWF | TG/22/11(proj.4) | Strawberry |  |  |  | *Fragaria* L. |
| FR | TWF | TG/35/8(proj.3) | Sweet Cherry |  |  |  | *Prunus avium* (L.) L. |
| ES | TWF | TG/83/5(proj.1) | Trifoliate Orange |  |  |  | *Citrus* L. - Group 5) |
| NL | TWO | TG/181/4(proj.2) | Amaryllis |  |  |  | *Hippeastrum Herb.* |
| JP | TWO | TG/86/6(proj.3) | Anthurium |  |  |  | *Anthurium Schott* |
| QZ | TWO | TG/194/2(proj.2) | Lavender |  |  |  | *Lavandula L.* |
| DE | TWO | TG/94/7(proj.2) | Ling, Scots Heather |  |  |  | *Calluna vulgaris (L.) Hull* |
| QZ | TWO | TG/24/7(proj.1) | Poinsettia |  |  |  | *Euphorbia pulcherrima* Willd. ex Klotzsch |
| NL | TWO | TG/168/4(proj.3) | Statice |  |  |  | *Limonium Mill., Goniolimon Boiss. and Psylliostachys (Jaub. & Spach) Nevski* |
| FR | TWO | TG/148/3(proj.2) | Weigela |  |  |  | *Weigela Thunb.* |
| KR | TWV | TG/105/5(proj.2) | Chinese cabbage |  |  |  | Brassica rapa L. subsp. pekinensis (Lour.) Kitam., hybrids between B. rapa L. Emend. Metzg. ssp. pekinensis (Lour.) Hanelt and B. rapa L. Emend. Metzg. ssp. chinensis (L.) Hanelt, hybrids between B. rapa L. Emend. Metzg. ssp. pekinensis (Lour.) Hanelt and B. rapa L. var. rapa (L.) Thell., B. ×turicensis O. E. Schulz & Thell. |
| QZ | TWV | TG/117/5(proj.3) | Egg plant |  |  |  | *Solanum melongena* L. |
| JP | TWV | TG/90/7(proj.4) | Kale |  |  |  | *Brassica oleracea* L. var. *costata* DC.; *B. oleracea* L. var. *medullosa* Thell.; *B. oleracea* L. var. *sabellica* L.; *B. oleracea* L. var. *viridis* L.; *B. oleracea* L. var. *palmifolia* DC. |
| NL | TWV | TG/76/9(proj.4) | Pepper |  |  |  | *Capsicum annuum* L. |
| NL | TWV | TG/44/12(proj.2) | Tomato |  |  |  | *Solanum lycopersicum* L. |
| QZ | TWO | TG/11/8 Rev.  Partial Revision | Rose |  |  |  | *Rosa* L. |
| NL | TWV | TG/245/1 Rev.  Partial Revision | Garden Rocket |  |  |  | *Eruca sativa* Mill. |
| NL | TWV | TG/162/4  Partial Revision | Garlic |  |  |  | *Allium sativum* L. |
| NL | TWV | TG/65/4 Rev.  Partial Revision | Kohlrabi |  |  |  | *Brassica oleracea* L. convar. *acephala* (DC.) Alef. var. *gongylodes* L.; *Brassica oleracea* L. *Gongylodes* Group |
| FR | TWV | TG/154/4  Partial Revision | Leaf Chicory |  |  |  | *Cichorium intybus* L. var. *foliosum* Hegi |
| FR | TWV | TG/7/10 Rev. 2  Partial Revision | Pea |  |  |  | *Pisum sativum* L. |
| DE | TWA | TG/58/7 Partial Revision | Rye |  |  |  | *Secale cereale* L. |
| GB | TWA | TG/3/12  Partial Revision | Wheat |  |  |  | *Triticum aestivum* L. emend. Fiori et Paol. |
| AU | TWF | TG/137/5 Partial Revision | Blueberry |  |  |  | *Vaccinium angustifolium* Aiton*, V. corymbosum L., V. formosum* Andrews*, V. myrtilloides* Michx*., V. myrtillus* L*., V. virgatum* Aiton*, V. simulatum* Small |
| CZ | TWF | TG/125/7  Partial Revision | Walnut |  |  |  | *Juglans regia* L. |
| NL | TWV | TG/244/1 Rev.  Partial Revision | Wild Rocket |  |  |  | *Diplotaxis tenuifolia* (L.) DC. |

Summary/Résumé/Zusammenfassung/Resumen

5 New Test Guidelines / Nouveaux principes directeurs d’examen / Neue Prüfungsrichtlinien / Nuevas directrices de examen.

30 Revisions of adopted Test Guidelines / Révisions de principes directeurs d’examen adoptés / Revisionen angenommener Prüfungsrichtlinien / Revisiones de directrices de examen adoptadas.

11 Partial revisions of adopted Test Guidelines / Révisions partielles de principes directeurs d’examen adoptés / Teilrevisionen angenommener Prüfungsrichtilinien / Revisiones parciales de directrices de examen adoptadas.

Total/Insgesamt: 46

of which / dont / davon / de las cuales:

20 \* — “Final” draft Test Guidelines (1 New, 8 Revisions, 11 Partial Revision) / Versions “finales” de projets de principes directeurs d’examen (1 nouveaux, 8 révisions, 11 révision partielle) / „Endgültige“ Entwürfe von Prüfungsrichtlinien (1 Neue, 8 Revisionen, 11 Teilrevisionen) / Proyectos “finales” de directrices de examen (1 nuevas, 8 revisiones, 11 revisión parcial).

[Annex XIII follows /  
L’annexe XIII suit /  
Anlage XIII folgt /  
Sigue el Anexo XIII]

TEST GUIDELINES ADOPTED BY CORRESPONDENCE / PRINCIPES DIRECTEURS D’EXAMEN ADOPTÉS PAR CORRESPONDENCE / AUF DEM SCHRIFTWEG ANGENOMMENE PRÜFUNGSRICHTLINIEN / DIRECTRICES DE EXAMEN ADOPTADAS POR CORRESPONDENCIA

| \*\* | TWP | Document No.  No. du document  Dokument-Nr.  No del documento | English | | Français | Deutsch | Español | Botanical name |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NEW TEST GUIDELINES / NOUVEAUX PRINCIPES DIRECTEURS D’EXAMEN / NEUE PRÜFUNGSRICHTILINIEN / NUEVAS DIRECTRICES DE EXAMEN | | | | | | | | |
| MX | TWO | TG/339/1 | Zinnia | | Zinnia | Zinnie | Zinnia | Zinnia (*Zinnia* ×*marylandica* D. M. Spooner et al.; *Zinnia angustifolia* Kunth; *Zinnia elegans* Jacq.; *Zinnia haageana* Regel; *Zinnia peruviana* (L.) L.) |
| REVISIONS OF TEST GUIDELINES / RÉVISIONS DE PRINCIPES DIRECTEURS D’EXAMEN ADOPTÉS / REVISIONEN ANGENOMMENER PRÜFUNGSRICHTLINIEN / REVISIONES DE DIRECTRICES DE EXAMEN ADOPTADAS | | | | | | | | |
| FR | TWV | [TG/37/11(proj.9)](https://www.upov.int/meetings/fr/doc_details.jsp?meeting_id=67786&doc_id=580653) | | |  | | --- | | Turnip | | |  | | --- | | Navet | | |  | | --- | | Mairübe | | |  | | --- | | Nabo | | |  | | --- | | *Brassica rapa* L. var. *rapa* L. | |
| FR | TWO | [TG/68/4(proj.6)](https://www.upov.int/meetings/fr/doc_details.jsp?meeting_id=67786&doc_id=580654) | | |  | | --- | | Berberis | | |  | | --- | | Berberis | | |  | | --- | | Berberitze | | |  | | --- | | Berberis | | |  | | --- | | Berberis L. | |
| KE | TWA | [TG/238/2(proj.6)](https://www.upov.int/meetings/fr/doc_details.jsp?meeting_id=67786&doc_id=580671) | | |  |  | | --- | --- | | |  | | --- | | Tea | | | |  | | --- | | Théier | | |  | | --- | | Tee | | Té | Camellia sinensis (L.) Kuntze |

Summary / Résumé / Zusammenfassung / Resumen

1 New Test Guidelines / Nouveaux principes directeurs d’examen / Neue Prüfungsrichtlinien / Nuevas directrices de examen

3 Revision of adopted Test Guidelines / Révision de principes directeurs d’examen adoptés / Revision angenommener Prüfungsrichtlinien / Revision de directrices de examen adoptadas.

0 Partial revisions of adopted Test Guidelines / Révisions partielles de principes directeurs d’examen adoptés / Teilrevisionen angenommener Prüfungsrichtlinien / Revisiones parciales de directrices de examen adoptadas

[Annex II follows /  
L’annexe II suit /  
Anlage II folgt /  
Sigue el Anexo II]

DRAFT TEST GUIDELINES TO BE DISCUSSED BY THE TWPS IN 2023 /  
PROJETS DE PRINCIPES DIRECTEURS D’EXAMEN DEVANT ÊTRE EXAMINÉS PAR LES TWP EN 2023  
VON DEN TWP IN 2023 ZU BEARBEITENDE PRÜFUNGSRICHTLINIEN /  
PROYECTOS DE DIRECTRICES DE EXAMEN QUE HAN DE EXAMINARSE POR LOS TWP EN 2023

| \*\* | TWP | Document No.  No. du document  Dokument-Nr.  No del documento | English | Français | Deutsch | Español | Botanical name Nom botanique Botanischer Name Nombre botánico |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AU | TWA/TWO | TG/CYNOD(proj.1) | Couch Grass, Bermuda Grass |  |  |  | *Cynodon* Rich. |
| GB | TWO | TG/LEUCA(proj.1) | Leucanthemum |  |  |  | *Leucanthemum* Mill. |
| CN | TWO/TWV | TG/LYCIUM\_BAR(proj.3) | Goji |  |  |  | *Lycium chinense* Mill.; *Lycium barbarum* L. |
| CN | TWO | TG/GINKG\_BIL(proj.1) | Ginkgo |  |  |  | *Ginkgo biloba* L. |
| CN | TWO | TG/MAGNO(proj.4) | Magnolia |  |  |  | *Magnolia* L. |
| JP | TWF/TWO | TG/MORUS(proj.5) | Mulberry |  |  |  | *Morus* L. |
| CN | TWO | TG/NELUM(proj.1) | Lotus |  |  |  | *Nelumbo* Adans. |
| JP | TWO | TG/OXYPE\_CAE(proj.2) | Oxypetalum |  |  |  | *Oxypetalum coeruleum* (D. Don) Decne. |
| CN | TWA/TWV | TG/VIGNA\_RAD(proj.1) | Mung Bean |  |  |  | *Vigna radiata* (L.) R. Wilczek |
| JP | TWA/TWO | TG/ZOYSI(proj.4) | Zoysia Grasses |  |  |  | *Zoysia* Willd. |
| QZ | TWO | TG/24/7(proj.2) | Poinsettia | Poinsettia | Poinsettie, Weihnachtsstern | Flor de Pascua | *Euphorbia pulcherrima* Willd. ex Klotzsch |
| FR | TWF | TG/35/8(proj.4) | Sweet Cherry | Cerisier doux | Süsskirsche | Cerezo dulce | *Prunus avium* (L.) L. |
| GB | TWA | TG/36/7(proj.4) | Oilseed Rape | Colza | Raps | Colza | *Brassica napus* L. *oleifera* |
| DE | TWF | TG/43/8(proj.3) | Raspberry | Framboisier | Himbeere | Frambueso | *Rubus idaeus* L. |
| NL | TWV | TG/44/12(proj.3) | Tomato | Tomate | Tomate | Tomate | *Solanum lycopersicum* L. x *Solanum cheesmaniae* (L. Ridley) Fosberg; *Solanum lycopersicum* L.; *Solanum lycopersicum* L.x *Solanum pimpinellifolium* L. |
| IT | TWF/TWO | TG/50/10(proj.6) | Grapevine | Vigne | Rebe | Vid | *Vitis* L. |
| IT | TWF | TG/71/4(proj.4) | Hazelnut | Noisetier | Haselnuss | Avellano | *Corylus avellana* L.; *Corylus colurna* L. |
| NL | TWV | TG/76/9(proj.5) | Sweet Pepper, Hot Pepper, Paprika, Chili | Poivron, Piment | Paprika | Ají, Chile, Pimiento | *Capsicum annuum* L. |
| ES | TWF | TG/83/5(proj.1) | Trifoliate Orange | Oranger trifolié | Dreiblättrige Orange | Naranjo trifoliado | Poncirus (Citrus L. - Gr. 5) |
| JP | TWV | TG/90/7(proj.5) | Kale | Chou frisé | Grünkohl | Col rizada | *Brassica oleracea* L. var. *medullosa* Thell.; *Brassica oleracea* L. var. *viridis* L.; *Brassica oleracea* L. var. *costata* DC.; *Brassica oleracea* L. var. *sabellica* L.; *Brassica oleracea* L. var. *palmifolia* DC. |
| KR | TWV | TG/105/5(proj.3) | Chinese Cabbage | Chou chinois | Chinakohl | Repollo chino | hybrids between *Brassica rapa* L. Emend. Metzg. ssp. *pekinensis* (Lour.) Hanelt and *Brassica rapa* L. Emend. Metzg. ssp. *chinensis* (L.) Hanelt; hybrids between *Brassica rapa* L. Emend. Metzg. ssp. *pekinensis* (Lour.) Hanelt and *Brassica rapa* L. var. *rapa* (L.) Thell.; *Brassica rapa* L. subsp. *pekinensis* (Lour.) Kitam.; *Brassica* ×*turicensis* O. E. Schulz & Thell. |
| CN | TWF | TG/110/4(proj.3) | Guava | Goyavier | Guave | Guayabo | *Psidium guajava* L. |
| QZ | TWV | TG/117/5(proj.4) | Egg Plant | Aubergine | Eierfrucht, Aubergine | Berenjena | *Solanum melongena* L. |
| DE | TWA | TG/134/4(proj.1) | Safflower | Carthame | Saflor | Cártamo | *Carthamus tinctorius* L. |
| DE | TWV | TG/136/6(proj.1) | Parsley | Persil | Petersilie | Perejil | *Petroselinum crispum* (Mill.) Fuss |
| FR | TWO | TG/148/3(proj.3) | Weigela | Weigela | Weigelie | Weigela | *Weigela* Thunb. |
| FR | TWA | TG/150/4(proj.1) | Fodder Beet | Betterave fourragère | Runkelrübe | Remolacha forrajera | *Beta vulgaris* L. |
| NL | TWO | TG/181/4(proj.3) | Amaryllis | Amaryllis | Amaryllis | Amarilis | *Hippeastrum* Herb. |
| AU | TWA/TWO | TG/186/2(proj.4) | Sugarcane | Canne à sucre | Zuckerrohr | Caña de Azúcar | *Saccharum* L. |
| QZ | TWO | TG/194/2(proj.3) | Lavandula/Lavender | Lavande, Lavande vraie / Lavandins | Lavandula, Echter Lavendel/Lavendel | Lavándula, Lavanda | *Lavandula* L. |
| ES | TWF | TG/201/2(proj.2) | Mandarins | Mandarinier (Citrus L. - Groupe 1) | Mandarinen (Citrus L. - Gruppe 1) | Mandarino (Citrus L. - Grupo 1) | *Citrus reticulata* Blanco; *Citrus* ×*aurantium* L. |
| ES | TWF | TG/203/2(proj.2) | Lemons and Limes | Limettier (Citronnier et) (Citrus L. - Groupe 3) | Zitronen und Limetten (Citrus L. - Gruppe 3) | Limón y Lima (Citrus L. - Grupo 3) | *Citrus* ×*aurantiifolia* (Christm.) Swingle; *Citrus* ×*limon* (L.) Osbeck |
| HU | TWF | TG/230/2(proj.3) | Sour Cherry; Duke Cherry | Griotte, Cerisier acide | Sauerkirsche | Cerezo ácido, Guindo; Cerezo Duke | *Prunus ×gondouinii* (Poit. & Turpin) Rehder |
| AU | TWF | TG/256/2(proj.1) | Granadilla, Passion fruit | Fruit de la passion, Barbadine | Purpurgranadilla, Passionsfrucht | Maracuyá, Granadilla | *Passiflora edulis* Sims |
| NL | TWA | TG/276/2(proj.2) | Hemp | Chanvre | Hanf | Cáñamo | *Cannabis sativa* L. |
| GB | TWA | TG/19/11 | Barley Partial Revision |  |  |  | *Hordeum vulgare L.* |
| QZ | TWA | TG/2/7 | Maize Partial Revision |  |  |  | *Zea mays L.* |
| AU/ NZ | TWF | TG/137/5 | Blueberry  Partial revision |  |  |  | *Vaccinium angustifolium* Aiton*, V. corymbosum L., V. formosum* Andrews*, V. myrtilloides* Michx*., V. myrtillus* L*., V. virgatum* Aiton*, V. simulatum* Small |
| ES | TWF | TG/202/1 Rev. 2 | Oranges Partial revision |  |  |  | *Citrus L. - Group 2* |
| ES | TWF | TG/204/1 Rev. 2 | Pummelo (Grapefruit and) Partial revision |  |  |  | *Citrus L. - Group 4* |
| NL | TWO | TG/283/1 Rev. | Oncidium  Partial revision |  |  |  | *Oncidium Sw.; ×Oncidesa Hort.; ×Ionocidium Hort.; ×Zelenkocidium J.M.H.Shaw.* |
| NL | TWV | TG/54/7 Rev. | Brussels Sprouts  Partial revision |  |  |  | *Brassica oleracea* L. var. *gemmifera* DC. |
| NL | TWV | TG/48/7 Rev. | Cabbage  Partial revision |  |  |  | *Brassica oleracea* L.: *Brassica* (White Cabbage Group); *Brassica* (Savoy Cabbage Group); *Brassica* (Red Cabbage Group) |
| NL | TWV | TG/45/7 Rev. | Cauliflower  Partial revision |  |  |  | *Brassica oleracea* L. convar *botrytis* (L.) Alef. var. *botrytis* L. |
| NL | TWV | TG/75/7 | Cornsalad  Partial revision |  |  |  | *Valerianella locusta* L.; *Valerianella eriocarpa* Desv. |
| NL | TWV | TG/172/4 | Industrial Chicory  Partial revision |  |  |  | *Cichorium intybus* L. partim |
| NL | TWV | TG/65/4 Rev. | Kohlrabi  Partial revision |  |  |  | *Brassica oleracea* L. convar. *acephala* (DC.) Alef. var. *gongylodes* L. (*Brassica oleracea* L. *Gongylodes* Group) |
| NL | TWV | TG/13/11 Rev. 2 | Lettuce  Partial revision |  |  |  | *Lactuca sativa* L. |
| FR | TWV | TG/104/5 Rev. 2 | Melon  Partial revision |  |  |  | *Cucumis melo* L. |
| NL | TWV | TG/7/10 Rev. 2 | Pea  Partial revision |  |  |  | *Pisum sativum* L. |
| FR | TWV | TG/63/7-TG/64/7 Rev. Corr. | Radish; Black Radish  Partial revision |  |  |  | *Raphanus sativus* L. var *sativus*; *Raphanus sativus* L. var. *niger* (Mill.) S. Kerner |
| NL | TWV | TG/55/7 Rev. 6 | Spinach  Partial revision |  |  |  | *Spinacia oleracea* L. |
| NL | TWV | TG/89/6 Rev. | Swede, Rutabaga  Partial revision |  |  |  | *Brassica napus* L. var. *napobrassica* (L.) Rchb. |
| FR | TWV | TG/119/4 Corr. 2 | Vegetable Marrow, Squash  Partial revision |  |  |  | *Cucurbita pepo* L. |
| NL | TWV | TG/142/5 Rev. | Watermelon  Partial revision |  |  |  | *Citrullus lanatus* (Thunb.) Matsum. et Naka |

Summary/Résumé/Zusammenfassung/Resumen

10 New Test Guidelines / Nouveaux principes directeurs d’examen / Neue Prüfungsrichtlinien / Nuevas directrices de examen.

25 Revisions of adopted Test Guidelines / Révisions de principes directeurs d’examen adoptés / Revisionen angenommener Prüfungsrichtlinien / Revisiones de directrices de examen adoptadas.

20 Partial revisions of adopted Test Guidelines / Révisions partielles de principes directeurs d’examen adoptés / Teilrevisionen angenommener Prüfungsrichtilinien / Revisiones parciales de directrices de examen adoptadas.

Total/Insgesamt: 55

of which / dont / davon / de las cuales:

35 \* — “Final” draft Test Guidelines (2 New, 13 Revisions, 20 Partial Revision) / Versions “finales” de projets de principes directeurs d’examen (2 nouveaux, 13 révisions, 20 révision partielle) / „Endgültige“ Entwürfe von Prüfungsrichtlinien (2 Neue, 13 Revisionen, 20 Teilrevisionen) / Proyectos “finales” de directrices de examen (2 nuevas, 13 revisiones, 20 revisión parcial).

[End of Annex XIV and of document /   
Fin de l’annexe XIV et du document /   
Ende der Anlage XIV und des Dokuments /   
Fin del Anexo XIV y del documento]

Mitteilung zusätzlicher Ausprägungsstufen

**Für Spargel ausstehende Prüfungsrichtlinien: TG/130/4**

**Zusätzliche Ausprägungsstufe(n)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Einreichende Behörde: | | | CPVO (QZ) | | | Kontakt-Sachverständiger: | | Name: | Morineau Céline | | | | |
|  | | |  | | |  | |  |  | | | | |
| Datum: | | | 28. Juli 2022 | | | Organisation: | | | CPVO | | | | |
|  | | |  | | |  | |  |  | | | | |
|  | | |  | | |  | | Tel.: | +33 (0) 2 41 25 64 00 | | | | |
|  | | |  | | |  | |  |  | | | | |
|  | | |  | | |  | | E-Mail: | morineau@cpvo.europa.eu | | | | |
|  |  | Englisch | | français | deutsch | | español | | | Example Varieties/ Exemples/ Beispielssorten/ Variedades ejemplo | Note/ Nota | |
| [Bestehendes Merkmal: vollständig wiederzugeben entsprechend UPOV-Prüfungsrichtlinie (einschließlich Merkmalsnummer, Ausprägungstyp, Erfassungsmethode, Stufen, Beispielssorten und Noten)] | | | | | | | | | | | | |
| **16** | VG | Type of flowering | | Type de floraison | Blühtyp | | Tipo de floración | | |  |  | |
| **(+)** |  | plants with male flowers and plants with female flowers | | plantes avec des fleurs mâles et plantes avec des fleurs femelles | Pflanzen mit männlichen Blüten und Pflanzen mit weiblichen Blüten | | plantas con flores masculinas y plantas con flores femeninas | | | Andreas | 1 | |
| **(\*)** |  | plants with male and female flowers | | plantes avec des fleurs mâles et des fleurs femelles | Pflanzen mit männlichen und weiblichen Blüten | | plantas con flores masculinas y femeninas | | | Argenteuil, Desto | 2 | |
| **QL** |  | plants with androhermaphrodite flowers and plants with male flowers with style rudiments | | plantes avec des fleurs androhermaphrodites et plantes avec des fleurs mâles avec rudiments de style | Pflanzen mit männlich-zwittrigen Blüten und Pflanzen mit männlichen Blüten mit Griffelrudimenten | | plantas con flores hermafroditas masculinas y plantas con flores masculinas con estilo | | | Backlim, Gijnlim | 3 | |
| [Merkmal mit neuer/n Ausprägungsstufe(n) (einschließlich aller obiger Informationen)] | | | | | | | | | | | | |
| 16 | VG | Type of flowering | | Type de floraison | Blühtyp | | Tipo de floración | | |  |  | |
| (+) |  | plants with male flowers and plants with female flowers | | plantes avec des fleurs mâles et plantes avec des fleurs femelles | Pflanzen mit männlichen Blüten und Pflanzen mit weiblichen Blüten | | plantas con flores masculinas y plantas con flores femeninas | | | Andreas | 1 | |
| (\*) |  | plants with male and female flowers | | plantes avec des fleurs mâles et des fleurs femelles | Pflanzen mit männlichen und weiblichen Blüten | | plantas con flores masculinas y femeninas | | | Argenteuil, Desto | 2 | |
| QL |  | plants with androhermaphrodite flowers and plants with male flowers with style rudiments | | plantes avec des fleurs androhermaphrodites et plantes avec des fleurs mâles avec rudiments de style | Pflanzen mit männlich-zwittrigen Blüten und Pflanzen mit männlichen Blüten mit Griffelrudimenten | | plantas con flores hermafroditas masculinas y plantas con flores masculinas con estilo | | | Backlim, Gijnlim | 3 | |
|  |  | weiblich | |  |  | |  | | |  | X | |
| Erläuterung / Abbildung (unter Angabe des Umfangs der Verwendung des/der Merkmals/Merkmale): / | | | | | | | | | | | |

Mitteilung zusätzlicher Merkmale

**Prüfungsrichtlinien für Salat: TG/13/11 Rev.2**

**Zusätzliche/s Merkmal/e**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Einreichende Behörde: | CPVO (QZ) | Kontakt-Sachverständiger: | Name: | Morineau Céline |
|  |  |  |  |  |
| Datum: | 28. Juli 2022 | Organisation: | | CPVO |
|  |  |  |  |  |
|  |  |  | Tel.: | +33 (0) 2 41 25 64 00 |
|  |  |  |  |  |
|  |  |  | E-Mail: | morineau@cpvo.europa.eu |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Englisch | français | deutsch | español | Example Varieties/ **[iii]** Exemples/ Beispielssorten/ Variedades ejemplo | Note/ Nota |
| **New 1.** | **VG** | |  | | --- | | **Resistance to *Bremia lactucae*(Bl)  Isolate PT2036** | | |  | | --- | | **Résistance à *Bremia lactucae* (Bl)  Isolat PT2036** | | |  | | --- | | **Resistenz gegen *Bremia lactucae* (Bl) Isolat PT2036** | | |  | | --- | | **Resistencia a *Bremia lactucae* (Bl) Aislado PT2036** | |  |  |
| **QL** |  | absent | absente | fehlend | ausente | Green Towers, Odra | 1 |
|  |  | present | présente | vorhanden | presente | Templin | 9 |

**[i]** Ausprägungstyp des Merkmals angeben (QL, PQ, QN)

**[ii]** Art der Erfassung angeben (VG, VS, MG, MS)

**[iii]** Beispielssorten für mindestens 2 Stufen angeben

**Erläuterung / Abbildung (unter Angabe des Umfangs der Verwendung des/der Merkmals/Merkmale):**

Resistenz gegen Bremia lactucae (Bl)   
Isolat PT2036

1. Pathogen *Bremia lactucae*

2. Quarantänestatus keiner

3. Wirtsart lettuce - Lactuca sativa L.

4. Quelle des Inokulums Naktuinbouw ([resistentie@naktuinbouw.nl](mailto:resistentie@naktuinbouw.nl))

5. Isolat PT2036

6. Feststellung der Isolatidentität Prüfung auf Differentialsorten (siehe nachstehende Tabelle)

7. Feststellung der Pathogenität Prüfung an anfälligen Sorten

8. Vermehrung des Inokulums

8.1 Vermehrungsmedium Salatpflänzchen

8.2 Vermehrungssorte anfällige Sorte, z. B. Green Towers.

8.3 Pflanzenstadium bei der Inokulation Keimblatt bis erstes Blatt

8.4 Inokulationsmedium Leitungswasser

8.5 Inokulationsmethode Aufsprühen einer Sporensuspension

8.6 Ernte des Inokulums von Blättern abwaschen

8.7 Prüfung des geernteten Inokulums Sporen zählen

8.8 Haltbarkeit/Lebensfähigkeit des

Inokulums 2 Stunden bei Raumtemperatur; 2 Tage im Kühlschrank 9. Prüfungsanlage

9.1 Anzahl der Pflanzen pro Genotyp mindestens 20

9.2 Anzahl der Wiederholungen -

9.3 Kontrollsorten (Informative) Differenzialsorten (siehe nachstehende Tabelle)

9.4 Gestaltung der Prüfung -

9.5 Prüfungseinrichtung Klimatisierter Raum

9.6 Temperatur 15°C-18°C

9.7 Licht Ausreichend für ein gutes Pflanzenwachstum; Sämlinge sollten nicht etioliert sein.

Option: Reduziertes Licht 24 Stunden nach Inokulation

9.8 Jahreszeit -

9.9 Besondere Maßnahmen Pflanzen können auf feuchtem Filterpapier mit oder ohne Nährlösung, auf Sand oder auf Topferde wachsen (siehe Punkt 13).

Hohe Luftfeuchtigkeit (>90%) ist wesentlich für Infektion und Sporulation.

10. Inokulation

10.1 Vorbereitung des

Inokulums Von den Blättern abwaschen durch kräftiges Schütteln in geschlossenem Behälter

10.2 Quantifizierung des

Inokulums Sporenzählung; die Sporendichte sollte 3.104-1.105 betragen

10.3 Pflanzenstadium bei

der Inokulation Keimblattstadium

10.4 Inokulationsmethode Aufsprühen bis Inokulum abtropft

Option: Reduziertes Licht 24 Stunden nach Inokulation

10.5 Erste Erfassung Beginn der Sporulation an anfälligen Sorten (etwa 7 Tage nach Inokulation)

10.6 Zweite Erfassung 3-4 Tage nach der ersten Erfassung (etwa 10 Tage nach Inokulation)

10.7 Abschließende

Erfassungen 14 Tage nach der Inokulation

zwei dieser drei Erfassungen können ausreichend sein, der dritte Eintrag ist optional für die Erfassung der Entwicklung von Symptomen im Zweifelsfall. Der Tag der maximalen Sporulation sollte in diesen Zeitraum fallen.

11. Erfassungen

11.1 Methode Visuelle Erfassung der Sporulation und der nekrotischen Reaktion auf die Infektion

* 1. Erfassungsskala resistent

0 keine Sporulation, keine Nekrose

1 keine Sporulation, Nekrose vorhanden

2 schwache Sporulation (viel weniger als anfällige Kontrollsorte) mit Nekrose

3 schwache Sporulation (weniger als anfällige Kontrollsorte und keine Entwicklung zwischen zweiter und dritter Erfassung) mit Nekrose

4 sehr schwache Sporulation (keine Entwicklung zwischen zweiter und dritter Erfassung) ohne Nekrose anfällig

5 reduzierte Sporulation (im Vergleich zu anfälliger Kontrollsorte) ohne Nekrose

6 normale Sporulation ohne Nekrose

11.3 Validierung der Prüfung an Standardsorten.

Im Fall normaler Sporulation (gleicher Grad wie anfällige Kontrollgruppe) mit Nekrose muss eine weitere Prüfung an größeren Pflanzen oder anderem Substrat durchgeführt werden.

12. Auswertung der Daten

hinsichtlich der UPOV-

Ausprägungsstufen Klasse 0, 1, 2, 3 und 4: resistent

Klasse 5 und 6: anfällig

13. Kritische Kontrollpunkte Reaktion von Standardsorten (der Infektionsdruck kann von Versuch zu Versuch unterschiedlich hoch sein, was zu geringen Unterschieden bei der Intensität der Sporenbildung führen kann); wenn die Reaktionen nicht eindeutig sind, sollte der Versuch wiederholt werden.

Es kann auf Erde ausgesät werden, um Nekrose zu beobachten, aber schwache Sporulation (viel weniger als anfällige Kontrollsorte) kann auftreten; bei der Prüfung auf Sand können Sporen mit Sandkörnern verwechselt werden.

im Falle der Verwendung von Nährlösung auf Filterpapier kann ein Fungizid hinzugefügt werden, um eine Kontamination durch Saprophyten zu vermeiden.

Afbeelding met tafel

Automatisch gegenereerde beschrijving

[Anlage XI folgt]

1. Auf elektronischem Wege am 27. und 28. Oktober 2020 abgehalten [↑](#footnote-ref-2)
2. Auf elektronischem Wege am 25. und 26. Oktober 2021 abgehalten [↑](#footnote-ref-3)