SUBDIRECCIÓN GENERAL DE MEDIOS DE PRODUCCIÓN AGRÍCOLA Y OFICINA ESPAÑOLA DE VARIEDADES VEGETALES (OEVV)

Formulario técnico

Technical QUESTIONNAIRE

tomate

Tomato

OEVV/FT-HR-01

Última actualización: marzo de 2025

*Last update: March 2025*

**FORMULARIO PRESENTADO POR**

Form host

|  |  |  |
| --- | --- | --- |
|[ ]  Representante | Procedural representative |  |
|[ ]  Solicitante | Applicant |  |

|  |  |
| --- | --- |
| **Nombre:**Name: |   |
| **Dirección:**Address: |   |
| **Teléfono:**Phone number: |   |
| **Correo electrónico:**Email: |   |

# **Registro**:

Registry

|  |  |
| --- | --- |
|[ ]  Registro de Variedades Comerciales (**RVC**) | National Listing |
|[ ]  Registro de Variedades Protegidas (**RVP**) | Plant Breeders Rights for Spain |

# Taxón botánico:

Plant Taxonomy

|  |  |
| --- | --- |
|[ ]  *Solanum lycopersicum* L*.* |  |
|[ ]  *Solanum lycopersicum* L. x *Solanum pimpinellifolium* L. |  |
|[ ]  Otro: por favor, especifique (si es un híbrido interespecífico, por favor, indique las especies involucradas):*Other: please specify (if this is an interspecific hybrid, please state the species involved):* |   |

# Referencia del obtentor y denominación de la variedad:

Breeder’s reference and variety designation

|  |  |
| --- | --- |
| **Referencia del obtentor (OBLIGATORIA):**Breeder’s reference (MANDATORY) |   |
| **Nombre de la variedad (denominación propuesta)**:Variety designation (proposed denomination) |   |

# Información sobre el método de obtención y propagación de la variedad:

Information on the breeding scheme and propagation of the variety

**Los campos marcados con asterisco (\*), son de obligada cumplimentación.**

***The fields marked with an asterisk (\*) are mandatory****.*

Esta información se tratará de manera confidencial y solo se compartirá con la oficina de examen responsable del examen técnico.

This information will be dealt with confidentially and only shared with the examination office in charge of the technical examination

## Tipo de material (\*)

Type of material

|  |  |  |
| --- | --- | --- |
|[ ]  Híbrido | Hybrid |  |
|[ ]  Variedad de polinización cruzada | Cross-pollinated variety |  |
|[ ]  Variedad autopolinizada | Self-pollinated variety |  |
|[ ]  Línea parental | Parental line |  |

### En caso de uso como línea parental

In case of parental line use

En muchos casos, existe una relación en la expresión morfológica de las características entre la línea parental y sus híbridos. Por lo tanto, se recomienda proporcionar información sobre la identidad de las variedades híbridas en las que se utiliza la línea parental. Esto hace que la organización del examen técnico sea más eficiente y reduce el riesgo de un año adicional de examen a cargo del solicitante.

De acuerdo con el artículo 88(3) del Reglamento 2100/1994, la Oficina tratará la información de esta sección como confidencial.

In many cases there is a link in morphological expression of characteristics between the parental line and its hybrids. Therefore, it is recommended to provide information about the identity of hybrid varieties where the parental line is used. This makes the organisation of the technical examination more efficient and lowers the risk of an additional year at the costs of the applicant.

In accordance with Article 88(3) of Regulation 2100/1994 the Office will treat the information under this section as confidential.

|  |  |
| --- | --- |
| **Por favor, indique para la producción de qué variedad(es) híbrida(s) se utiliza la línea parental.**Please indicate for the production of which hybrid variety(ies) the parental line is used |   |

## Método de propagación de la variedad (\*)

 Method of propagation of the variety

|  |  |
| --- | --- |
|[ ]  Propagación por semilla | Seed propagated |
|[ ]  Propagación vegetativa | Vegetatively propagated | **Por favor, especifique:**  *Please, specify:* |

## Otra información relativa al origen genético y al método de obtención

 Other information on genetic origin and breeding method

**Por favor, especifique el método de obtención**:

 Please specify the breeding method

### Información relativa a los parentales

 *Information regarding parental lines*

|  |  |
| --- | --- |
| **Nombre de la variedad parental A**:*Parental line A variety designation:* |   |
| **¿Se ha presentado anteriormente este parental en España?***Has this parental line been previously submitted in Spain?* |
|[ ]  Sí (*Yes*) | **Fecha de presentación:**Filing date: |   | **Nº de solicitud:**Application number: |   |
|[ ]  No (*No*) |  |  |  |  |
| **¿Se ha presentado anteriormente este parental en otros países?***Has this parental line been previously submitted in other countries?* |
|[ ]  Sí (*Yes*) | **Fecha de presentación:**Filing date: |   | **Nº de solicitud:**Application number: |   |
|[ ]  No (*No*) |  |  |  |  |

|  |  |
| --- | --- |
| **Nombre de la variedad parental B**:*Parental line B variety designation:* |   |
| **¿Se ha presentado anteriormente este parental en España?***Has this parental line been previously submitted in Spain?* |
|[ ]  Sí (*Yes*) | **Fecha de presentación:**Filing date: |   | **Nº de solicitud:**Application number: |   |
|[ ]  No (*No*) |  |  |  |  |
| **¿Se ha presentado anteriormente este parental en otros países?***Has this parental line been previously submitted in other countries?* |
|[ ]  Sí (*Yes*) | **Fecha de presentación:**Filing date: |   | **Nº de solicitud:**Application number: |   |
|[ ]  No (*No*) |  |  |  |  |

# Características de la variedad

Variety Characteristics

**Los caracteres marcados con asterisco (\*), son de obligada cumplimentación**.

***The fields marked with an asterisk (\*) are mandatory****.*

**El número entre paréntesis () hace referencia al carácter correspondiente del Protocolo Técnico de la OCVV (CPVO-TP/044/4-Rev.5).** Por favor, marque el nivel de expresión que más se ajuste.

**The number in brackets () refers to the corresponding characteristic in the CPVO Technical Protocol (CPVO-TP/044/4-Rev.5).** Please mark the state of expression which best corresponds.

Las oficinas de examen prueban las resistencias basándose en los protocolos de prueba de resistencia enumerados en el CPVO-TP en vigor. En caso de que el solicitante evalúe la resistencia basándose en un protocolo diferente al mencionado en el CPVO-TP, tenga en cuenta que esto podría generar discrepancias entre su declaración y los resultados obtenidos por la oficina de examen. Esto también puede tener importantes consecuencias en la realización de las pruebas DHE y desencadenar pruebas y tarifas adicionales. Además, para algunas resistencias existe una prueba alternativa con marcadores de ADN. Dado que siempre prevalece el fenotipo, la declaración en este Cuestionario Técnico no debe basarse únicamente en dicha prueba con marcadores de ADN.

The examination offices test the resistances based on the resistance test protocols listed in the CPVO-TP in force. In case the applicant does assess the resistance based on a different protocol than the one mentioned in the CPVO-TP, please be aware that this could lead to discrepancies between your declaration and the results obtained by the examination office. This may also have important consequences on the conduct of the DUS testing as well as trigger additional tests and fees. In addition, for some resistances an alternative DNA marker test exists. As the phenotype is always leading, the declaration in this Technical Questionnaire should not be based on such DNA marker test only.

##  Planta: hábito de crecimiento *(2) (G)* (\*)

 Plant: growth type

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | determinado | *determinate* | Campbell 1327, Prisca |
|[ ]  2- | indeterminado | *indeterminate* | Marmande VR, Saint-Pierre, San Marzano 2 |

### Sólo variedades con tipo de crecimiento de planta indeterminado: Planta: altura *(6)* (\*)

 **Only varieties with plant growth type indeterminate:** Plant: height

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | muy corta | very short | Cherry Belle |
|[ ]  2- | muy corta a corta | very short to short |  |
|[ ]  3- | corta | short | Carson, Despina |
|[ ]  4- | corta a media | short to medium |  |
|[ ]  5- | media | medium | Brooklyn, Buffalo, Vision |
|[ ]  6- | media a larga | medium to long |  |
|[ ]  7- | larga | long | Classy, Clarence, Climberly, Massada |
|[ ]  8- | larga a muy larga | tall to very long |  |
|[ ]  9- | muy larga | very long | Day Dream, Minired |

##  Hoja: división del limbo *(10) (G)* (\*)

 Leaf: type of blade

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | pinada | pinnate | Mikado, Pilot, Red Jacket |
|[ ]  2- | bipinada | bipinnate | Lukullus, Saint-Pierre |

##  Hoja: intensidad del color verde *(12)* (\*)

 Leaf: intensity of green colour

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | muy clara | very light |  |
|[ ]  2- | muy clara a clara | very light to light |  |
|[ ]  3- | clara | light | Macero II, Poncette, Rossol |
|[ ]  4- | clara a media | light to medium |  |
|[ ]  5- | media | medium | Lucy |
|[ ]  6- | media a oscura | medium to dark |  |
|[ ]  7- | oscura | dark | Allround, Daniela, Lorena, Red Robin |
|[ ]  8- | oscura a muy oscura | dark to very dark |  |
|[ ]  9- | muy oscura | very dark |  |

##  Pedúnculo: capa de abscisión *(19) (G)* (\*)

 Peduncle: abscission layer

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Aledo, Bandera, Count, Lerica |
|[ ]  9- | presente | present | Montfavet H 63.5, Roma |

##  Fruto: hombro verde (antes de madurez) *(21) (G)* (\*)

 Fruit: green shoulder (before maturity)

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Aledo, Bandera, Count, Lerica |
|[ ]  9- | presente | present | Montfavet H 63.5, Roma |

##  Fruto: rayas verdes (antes de madurez) *(25) (G)* (\*)

 Fruit: green stripes (before maturity)

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | HA 89 |
|[ ]  9- | presente | present | RHA 271 |

##  Fruto: tamaño *(26) (G)* (\*)

 Fuit: size

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | muy pequeño | very small | **Indicar tamaño en gramos:**  *Indicate size in grams* |
|[ ]  2- | muy pequeño a pequeño | very small to small | **Indicar tamaño en gramos:**  *Indicate size in grams* |
|[ ]  3- | pequeño | small | **Indicar tamaño en gramos:**  *Indicate size in grams* |
|[ ]  4- | pequeño a medio | small to medium | **Indicar tamaño en gramos:**  *Indicate size in grams* |
|[ ]  5- | medio | medium | **Indicar tamaño en gramos:**  *Indicate size in grams* |
|[ ]  6- | medio a grande | medium to large | **Indicar tamaño en gramos:**  *Indicate size in grams* |
|[ ]  7- | grande | large | **Indicar tamaño en gramos:**  *Indicate size in grams* |
|[ ]  8- | grande a muy grande | large to very large | **Indicar tamaño en gramos:**  *Indicate size in grams* |
|[ ]  9- | muy grande | very large | **Indicar tamaño en gramos:**  *Indicate size in grams* |

##  Fruto: forma en sección longitudinal *(28) (G)* (\*)

 Fruit: shape in longitudinal section

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | aplanada | flattened | Campbell 28, Marmande VR |
|[ ]  2- | achatada | oblate | Montfavet H 63.4, Montfavet H 63.5 |
|[ ]  3- | circular | circular | Cerise, Moneymaker |
|[ ]  4- | oblonga | oblong | Early Mech, Peto Gro |
|[ ]  5- | cilíndrica | cylindrical | Hypeel 244, Macero II, San Marzano 2 |
|[ ]  6- | elíptica | elliptic | Alcaria, Castone |
|[ ]  7- | cordada | cordate | Valenciano |
|[ ]  8- | oval | ovate | Dualrow, Soto |
|[ ]  9- | obloval | obovate | Duquesa, Estelle Rimone, Rio Grande |
|[ ]  10- | piriforme | pyrifrom | Europeel |
|[ ]  11- | obcordada | obcardate | Cuore del Ponente, Magno |

##  Fruto: acostillado en la zona peduncular *(29)* (\*)

 Fruit: ribbing at peduncle end

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente o muy débil | absent or very weak | Calimero, Cerise |
|[ ]  2- | muy débil a débil | very weak to weak |  |
|[ ]  3- | débil | weak | Early Mech, Hypeel 244, Melody, Peto Gro, Rio Grande |
|[ ]  4- | débil a medio | weak to medium |  |
|[ ]  5- | medio | medium | Montfavet H 63.4, Montfavet H 63.5 |
|[ ]  6- | medio a fuerte | medium to strong |  |
|[ ]  7- | fuerte | strong | Campbell 1327, Carmello, Count |
|[ ]  8- | fuerte a muy fuerte | strong to very strong |  |
|[ ]  9- | muy fuerte | very strong | Costoluto Fiorentino, Ingrid, Marmande VR |

##  Fruto: número de lóculos *(36) (G)* (\*)

 Fruit: number of locules

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | solo dos | only two | Early Mech, Europeel, San Marzano |
|[ ]  2- | dos o tres | two or three | Alphamech, Futuria |
|[ ]  3- | tres o cuatro | three or four | Montfavet H 63.5 |
|[ ]  4- | cuatro, cinco o seis | four, five or six | Raïssa, Tradiro |
|[ ]  5- | más de seis | more than six | Marmande VR |

## ¿Los frutos de la variedad alcanzan la madurez? (\*)

 Do fruits of the variety reach maturity?

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]   | sí | yes |  |
|[ ]   | no | no |  |

##  Genes LSL (\*)

LSL genes

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent |  |
|[ ]  9- | presente | present |  |

###  Si hay presencia de genes LSL

 If LSL Genes present

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | gen NOR homocigoto | NOR gene homozygous |  |
|[ ]  2- | gen NOR heterocigoto | NOR gene heterozygous |  |
|[ ]  3- | gen RIN homocigoto | RIN gene homozygous |  |
|[ ]  4- | gen RIN heterocigoto | RIN gene heterozygous |  |
|[ ]  5- | otro gen | other gene | **Por favor, especifique:** *please specify:* |

##  Fruto: gel en lóculos

 Fruit: gel in locules

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent |  |
|[ ]  9- | presente | present |  |

##  Fruto: color EN LA MADUREZ *(37)* (\*)

 Fruit: colour **at** **maturity**

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | crema | cream | Jazon, White Mirabell |
|[ ]  2- | amarillo | yellow | Goldene Königin, Yellow Pear |
|[ ]  3- | anaranjado | orange | Sungold |
|[ ]  4- | rosa | pink | Aichi First |
|[ ]  5- | rojo | red | Daniela, Ferline, Montfavet H 63.5 |
|[ ]  6- | marronáceo | brown | Ozyrys |
|[ ]  7- | verde | green | Green Grape, Green Zebra |

##  Fruto: firmeza *(40)* (\*)

 Fruit: firmness

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | muy blando | very soft | Marmande VR |
|[ ]  2- | muy blando a blando | very soft to soft |  |
|[ ]  3- | blando | soft | Trend |
|[ ]  4- | blando a medio | soft to medium |  |
|[ ]  5- | medio | medium | Cristina |
|[ ]  6- | medio a firme | medium to firm |  |
|[ ]  7- | firme | firm | Fernova, Konsul, Tradiro |
|[ ]  8- | firme a muy firme | firm |  |
|[ ]  9- | muy firme | very firm | Daniela, Karat, Lolek |

##  Época de maduración *(42)* (\*)

 Time of maturity

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | muy precoz | very early |  |
|[ ]  2- | muy precoz a precoz | very early to early |  |
|[ ]  3- | precoz | early |  |
|[ ]  4- | precoz a medio | early to medium |  |
|[ ]  5- | medio | medium |  |
|[ ]  6- | medio a tardío | medium to late |  |
|[ ]  7- | tardío | late |  |
|[ ]  8- | tardío a muy tardío | late to very late |  |
|[ ]  9- | muy tardío | very late |  |

##  Resistencia a *Meloidogyne incognita* (Mi) *(43) (G)* (\*)

 Resistance to Meloidogyne incógnita (Mi)

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | sensible | susceptible | Casaque Rouge |
|[ ]  2- | moderadamente resistente | moderately resistant  | Campeon, Madyta, Vinchy |
|[ ]  3- | muy resistente | highly resistant | Anabel, Anahu |
|[ ]   | no testado | not tested | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

##  Resistencia a *Verticillium* sp. (Va y Vd) – Raza 0 *(44) (G)* (\*)

 Resistance to Verticillium sp. (Va and Vd) – Race 0

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Anabel, Marmande verte |
|[ ]  9- | presente | present | Daniela, Marmande VR |
|[ ]   | no testado | not tested | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

##  Resistencia a *Fusarium oxysporum* f. sp. *lycopersici* (Fol) – Raza 0EU/1US *(45.1) (G)* (\*)

 Resistance to Fusarium oxysporum f. sp. lycopersici (Fol) - Race 0EU/1US

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Marmande, Marmande verte, Resal |
|[ ]  9- | presente | present | Gourmet, Larissa, Marporum, "Marporum x Marmande verte", Mohawk, Motelle, Riesling |
|[ ]   | no testado | not tested | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

##  Resistencia a *Fusarium oxysporum* f. sp. *lycopersici* (Fol) – Raza 1EU/2US *(45.2) (G)* (\*)

 Resistance to Fusarium oxysporum f. sp. lycopersici (Fol) - Race 1EU/2US

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Cherry Belle, Marmande verte, Marporum, Ranco, Roma |
|[ ]  9- | presente | present | Agostino, "Motelle x Marmande verte", Odisea, Tradiro |
|[ ]   | no testado | not tested | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

##  Resistencia al Virus del mosaico del tomate (ToMV) – Cepa 0 *(48.1) (G)* (\*)

 Resistance to Tomato mosaic virus (ToMV) - Strain 0

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Monalbo, Moneymaker |
|[ ]  9- | presente | *present* | Mobaci, Mocimor, Momor, Moperou |
|[ ]   | no testado | *not tested* | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

## Otras resistencias conforme al formulario técnico CPVO/TQ-044/4-Rev.5 de *Solanum lycopersicum* L.

Other resistances acording to technical protocol CPVO/TQ-044/4-Rev.5 of Solanum lycopersicum L.

### Resistencia a Fusarium oxysporum f. sp. lycopersici (Fol) – Raza 2EU/3US *(45.3) (G)*

Resistance to Fusarium oxysporum f. sp. lycopersici (Fol) - Race 2EU/3US

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Marmande verte, Marporum, Motelle |
|[ ]  9- | presente | present | Agostino, "Motelle x Marmande verte", Odisea, Tradiro |
|[ ]   | no testado | not tested | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

###  Resistencia a Fusarium oxysporum f. sp. radicis-lycopersici (Forl) (46)

*Resistencia a Fusarium oxysporum f. sp. radicis-lycopersici (Forl)*

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Motelle |
|[ ]  9- | presente | present | Momor |
|[ ]   | no testado | not tested | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

### Resistencia a *Passalora fulva* (Pf) – Race 0 *(47.1)*

Resistance to Passalora fulva (Pf) - Race 0

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Monalbo |
|[ ]  9- | presente | present | Angela, Estrella, Sonatine, Sonato, Vemone |
|[ ]   | no testado | not tested |  |

### Resistencia a *Passalora fulva* (Pf) – Grupo A *(47.2)*

Resistance to Passalora fulva (Pf) – Group A

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Monalbo |
|[ ]  9- | presente | present | Angela, Estrella, Sonatine, Sonato |
|[ ]   | no testado | not tested |  |

### Resistencia a *Passalora fulva* (Pf) – Grupo B *(47.3)*

Resistance to Passalora fulva (Pf) – Group B

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Monalbo |
|[ ]  9- | presente | present | Angela, Estrella, Sonatine, Sonato, Vemone |
|[ ]   | no testado | not tested |  |

### Resistencia a *Passalora fulva* (Pf) – Grupo C *(47.4)*

Resistance to Passalora fulva (Pf) – Group C

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Monalbo |
|[ ]  9- | presente | present | Angela, Estrella, Sonatine |
|[ ]   | no testado | not tested |  |

### Resistencia a *Passalora fulva* (Pf) – Grupo D *(47.5)*

Resistance to Passalora fulva (Pf) – Group D

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Monalbo |
|[ ]  9- | presente | present | Estrella, Sonatine, Vemone |
|[ ]   | no testado | not tested |  |

### Resistencia a *Passalora fulva* (Pf) – Grupo E *(47.6)*

Resistance to Passalora fulva (Pf) – Group E

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | absent | Monalbo |
|[ ]  9- | presente | present | Sonatine |
|[ ]   | no testado | not tested |  |

### Resistencia al Virus del mosaico del tomate (ToMV) – Cepa 1 *(48.2)*

Resistance to Tomato mosaic virus (ToMV) - Strain 1

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Monalbo, Moneymaker |
|[ ]  9- | presente | *present* | Mocimor, Momor, Moperou |
|[ ]   | no testado | *not tested* | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

### Resistencia al Virus del mosaico del tomate (ToMV) – Cepa 2 *(48.3)*

Resistance to Tomato mosaic virus (ToMV) - Strain 2

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Monalbo, Moneymaker |
|[ ]  9- | presente | *present* | Mobaci, Mocimor, Momor |
|[ ]   | no testado | *not tested* | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

### Resistencia a Phytophtora infestans (Pi) (49)

Resistance to Phytophtora infestans (Pi)

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Heinz 1706, Saint Pierre |
|[ ]  9- | presente | *present* | Fine, Heline, Pieraline, Pyros |
|[ ]   | no testado | *not tested* |  |

###  Resistencia a Pyrenochaeta lycopersici (Pl) (50)

Resistance to Pyrenochaeta lycopersici (Pl)

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Marmande verte |
|[ ]  9- | presente | *present* | Garance |
|[ ]   | no testado | *not tested* |  |

### Resistencia a *Stemphylium* ssp. (Ss) *(51)*

Resistance to Stemphylium ssp. (Ss)

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Monalbo |
|[ ]  9- | presente | *present* | Motelle |
|[ ]   | no testado | *not tested* |  |

### Resistencia a *Pseudomonas syringae* pv. *tomato* (Pst) (52)

Resistance to Pseudomonas syringae pv. tomato (Pst)

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Monalbo |
|[ ]  9- | presente | *present* | Ontario 7710 |
|[ ]   | no testado | *not tested* | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

### Resistencia a *Ralstonia solanacearum* (Rs) – Race 1 *(53)*

Resistance to Ralstonia solanacearum (Rs) – Race 1

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Floradel |
|[ ]  9- | presente | *present* | Caraïbo |
|[ ]   | no testado | *not tested* |  |

###  Resistencia al Virus del rizado amarillo del tomate (TYLCV) *(54)*

Resistance to Tomato yellow leaf curl virus (TYLCV)

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Marmande, Moneymaker |
|[ ]  9- | presente | *present* | Anastasia, Mohawk, TY20 |
|[ ]   | no testado | *not tested* | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

### Resistencia al Virus del bronceado del tomate (TSWV) – Cepa 0 *(55)* (\*)

Resistance to Tomato spotted wilt virus (TSWV) – Strain 0

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Moneymaker, Montfavet H 63.5, Mountain Magic |
|[ ]  9- | presente | *present* | Bodar, Montealto |
|[ ]   | no testado | *not tested* | [ ]  Solicitar testaje al INIA *(request test to the INIA)* |

### Resistencia a Leveillula taurica (Lt) (56)

*Resistance to Leveillula taurica (Lt)*

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Montfavet H 63.5 |
|[ ]  9- | presente | *present* | Atlanta |
|[ ]   | no testado | *not tested* |  |

### Resistencia a Oidium neolycopersici (On) (ex Oidium lycopersicum (Ol)) (57)

*Resistance to Oidium neolycopersici (On) (ex Oidium lycopersicum (Ol))*

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Montfavet H 63.5 |
|[ ]  9- | presente | *present* | Romiro |
|[ ]   | no testado | *not tested* |  |

### Resistencia al Virus del torrado del tomate (ToTV) *(58)*

*Resistance to Tomato torrado virus (ToTV)*

|  |  |  |  |
| --- | --- | --- | --- |
|[ ]  1- | ausente | *absent* | Daniela |
|[ ]  9- | presente | *present* | Matias |
|[ ]   | no testado | *not tested* |  |

**Si se solicitan testados de resistencias al centro de ensayos DHE, se recomienda cumplimentar el Anexo 1 de este formulario.**

*If resistance tests are requested to the DUS trial center, it is recommended to fill in the Annex 1 to this form.*

# Variedades similares y diferencias respecto a dichas variedades:

 SIMILAR VARIETIES AND DIFFERENCES from these varieties

**Los campos marcados con asterisco (\*), son de obligada cumplimentación.**

***The fields marked with an asterisk (\*) are mandatory****.*

Tenga en cuenta que la información respecto a las variedades similares puede ayudar a identificar variedades comparables y a evitar un periodo adicional de ensayo.

(Please note that information on similar varieties may help to identify comparable varieties and can avoid an additional period of testing.)

## ¿Se conocen variedades similares? (\*)

 Any similar varieties known?

|  |  |
| --- | --- |
|[ ]  Sí (*Yes*) |  |
|[ ]  No |  |

##  Variedades similares y diferencias con respecto a ellas:

 Similar varieties and differences from these varieties:

| Denominación de la(s) variedad(es) similar(es) a la variedad candidata(Denomination of similar variety(ies) to the candidate variety) | Caracteres en los que la variedad candidata difiere de la variedad similar(Characteristics in which the candidate variety differs from the similar variety) | Estado de expresión en la variedad similar(State of expression of similar variety) | Estado de expresión de la variedad candidata(State of expression of candidate variety) |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# Información adicional que pueda ayudar a distinguir la variedad:

 ADDITIONAL INFORMATION which may help to distinguish the variety:

## Adicionalmente a la información proporcionada en los apartados 05 y 06, ¿existe alguna característica adicional que pueda ayudar a diferenciar la variedad?

 In addition to the information provided in sections 05 and 06, is there any additional characteristic that can help differentiate the variety?

|  |  |  |
| --- | --- | --- |
| [ ]  Sí (*Yes*) | **Por favor, especifique:**Please, specify: |   |
| [ ]  No  |  |  |

## ¿Hay que tener en cuenta condiciones especiales para el cultivo de la variedad o para llevar a cabo su examen?

 Are there any special conditions for growing the variety or conducting the examination?

###  Tipo de cultivo

 Type of culture

|  |  |  |
| --- | --- | --- |
|[ ]  en invernadero | in the greenhouse |  |
|[ ]  al aire libre | in the open field |  |

###  Detalles sobre el tipo de cultivo

 Details of type of culture

|  |  |  |
| --- | --- | --- |
|[ ]  entutorado | staked |  |
|[ ]  semi-estutorado | semi-staked |  |
|[ ]  sin entutorar | non-staked |  |

### Uso principal

 Main use

|  |  |  |
| --- | --- | --- |
|[ ]  comercio en fresco o jardín  | fresh market or garden | [ ]  individual [ ]  racimo [ ]  otro *single truss other* |
|[ ]  transformación industrial | industrial processing | [ ]  pelado [ ]  triturado [ ]  otro *peel paste other* |
|[ ]  para maceta | pot-plant |  |
|[ ]  portainjerto | rootstock |  |

###  ¿Hay que tener en cuenta condiciones especiales para el cultivo de la variedad o para llevar a cabo su examen?

 Are there any special conditions for growing the variety or conducting the examination?

|  |  |  |
| --- | --- | --- |
| [ ]  Sí (*Yes*) | **Por favor, especifique:**Please, specify: |   |
| [ ]  No |  |  |

## Otra información

 Other information

###  Resistencias a plagas y enfermedades (por favor especifique razas/cepas si es posible)

 Resistances to pests and diseases (please specify races/strains if possible)

Las oficinas de examen prueban las resistencias basándose en los protocolos de prueba de resistencia enumerados en el CPVO-TP en vigor. En caso de que el solicitante evalúe la resistencia basándose en un protocolo diferente al mencionado en el CPVO-TP, tenga en cuenta que esto podría generar discrepancias entre su declaración y los resultados obtenidos por la oficina de examen. Esto también puede tener importantes consecuencias en la realización de las pruebas DHE y desencadenar pruebas y tarifas adicionales. Además, para algunas resistencias existe una prueba alternativa con marcadores de ADN. Dado que siempre prevalece el fenotipo, la declaración en este Cuestionario Técnico no debe basarse únicamente en dicha prueba con marcadores de ADN.

The examination offices test the resistances based on the resistance test protocols listed in the CPVO-TP in force. In case the applicant does assess the resistance based on a different protocol than the one mentioned in the CPVO-TP, please be aware that this could lead to discrepancies between your declaration and the results obtained by the examination office. This may also have important consequences on the conduct of the DUS testing as well as trigger additional tests and fees. In addition, for some resistances an alternative DNA marker test exists. As the phenotype is always leading, the declaration in this Technical Questionnaire should not be based on such DNA marker test only.

#### Otras resistencias a plagas

 Other resistances to pests

|  |  |
| --- | --- |
| **Por favor, especifique:**Please, specify: |   |

#### Otras resistencias a enfermedades

Other resistances to plant diseases

|  |  |
| --- | --- |
| **Por favor, especifique:**Please, specify: |   |

### Otra información

 Other information

|  |  |  |
| --- | --- | --- |
| [ ]  Sí (*Yes*) | **especifique:**specify: |   |
| [ ]  No |  |  |

## Fotografía:

 Photo

Se recomienda proporcionar fotos (especialmente de los frutos en madurez). De lo contrario, la organización del examen técnico será menos eficiente, con el riesgo de que haya un año adicional de examen técnico a cargo del solicitante.

*It is highly recommended to provide pictures (especially fruits at maturity). Otherwise, the organisation of the technical examination will be rendered less efficient, with the risk of an additional year of technical examination at the costs of the applicant.*

|  |  |
| --- | --- |
| **Foto de fruto antes de madurez***Picture of the fruit before maturity* | **Foto del fruto maduro***Picture of the fruit at maturity* |
|  |  |

# Información OGM

 gMO-information

## Información OGM requerida:

 GMO-information required

 **¿La variedad es un organismo genéticamente modificado** según la definición del artículo 2(2) de la Directiva del Consejo EC/2001/18 del 12/03/2001?

 **Is the variety a genetically modified organism** according to the definition in Article 2(2) of Council Directive EC/2001/18 of 12/03/2001?

[ ] Sí (Yes)

**En caso afirmativo**, por favor, adjunte **en el punto 08.02** una copia de la declaración escrita de las autoridades competentes en la que se afirme que la realización del examen de la variedad, en virtud de los artículos 55 y 56 del Reglamento marco, no supone riesgos para el medio ambiente de acuerdo con las normas de la mencionada Directiva.

 **If yes**, please attach **in section 08.02** a copy of the written attestation of the responsible authorities stating that a technical examination of the variety under Article 55 and 56 of the Basic Regulation does not pose risks to the environment according to the norms of the above-mentioned Directive.

[ ] No

## En el caso de OGM, adjunte una copia de la declaración escrita de las autoridades competentes en la que se afirme que la realización del examen de la variedad, en virtud de los artículos 55 y 56 del Reglamento marco, no supone riesgos para el medio ambiente de acuerdo con las normas de la mencionada Directiva.

 In case of GMO, join attestation of the responsible authorities stating that a technical examination of the variety under Article 55 and 56 of the Basic Regulation does not pose risks to the environment according to the norms of the above-mentioned Directive.

# Información respecto al material vegetal a examinar:

 INFORMATION REGARDING THE PLANT MATERIAL TO BE EXAMINED

La expresión de una o varias características de una variedad puede verse afectada por factores como plagas y enfermedades, tratamiento químico (por ejemplo, retardantes del crecimiento o pesticidas), efectos del cultivo de tejidos, diferentes portainjertos, vástagos tomados de diferentes fases de crecimiento de un árbol, etc. En consecuencia, el material vegetal que se debe examinar no debe haber sido sometido a ningún tratamiento que pueda afectar la expresión de las características de la variedad, a menos que las autoridades competentes permitan o soliciten dicho tratamiento. Si el material vegetal ha sido sometido a dicho tratamiento, se deben proporcionar todos los detalles del tratamiento. En este sentido, por favor indique a continuación, según su leal saber y entender, si el material vegetal a examinar ha sido sometido a:

*The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc. Consequently the plant material to be examined should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to:*

## Microorganismos (p.ej. virus, bacterias, fitoplasmas):

Microorganisms (e.g., viruses, bacteria, phytoplasmas)

|  |  |  |
| --- | --- | --- |
| [ ]  Sí (*Yes*) | **Por favor, especifique:**Please, specify: |   |
| [ ]  No  |  |  |

## Tratamientos químicos (p.ej. reguladores del crecimiento, pesticidas):

Chemical treatments (e.g. growth regulators, pesticides)

|  |  |  |
| --- | --- | --- |
| [ ]  Sí (*Yes*) | **Por favor, especifique:**Please, specify: |   |
| [ ]  No  |  |  |

## Cultivo de tejidos:

Tissue culture:

|  |  |  |
| --- | --- | --- |
| [ ]  Sí (*Yes*) | **Por favor, especifique:**Please, specify: |   |
| [ ]  No  |  |  |

## Otros factores:

Other factors:

|  |  |  |
| --- | --- | --- |
| [ ]  Sí (*Yes*) | **Por favor, especifique:**Please, specify: |   |
| [ ]  No  |  |  |

# DECLARACIÓN

 DECLARATION

Por la presente declaro que la información proporcionada en este formulario es completa y correcta.

I hereby declare that the information provided in this form is complete and accurate.

|  |  |
| --- | --- |
| **Fecha**:Date: |   |
| **Lugar**:Location: |   |
| **Nombre**:Name: |   |
| **Firma** **o firma electrónica**:(Signature/ electronic signature): |   |

**RECUERDE** consultar el documento “**RVC/RVP-Especies, FECHAS, CANTIDADES, CONDICIONES y centros de ensayo”** antes de enviar el material vegetal, en el apartado “**Descarga de documentos/archivos”** en las siguientes direcciones:

**REMEMBER** to consult the document '**RVC/RVP-Species, DATES, QUANTITIES, CONDITIONS, and testing centers**‘ before sending the plant material, in the '**Download documents/files**' section at the following addresses:

**RVC**: [Registro de variedades comerciales (mapa.gob.es)](https://www.mapa.gob.es/es/agricultura/temas/medios-de-produccion/semillas-y-plantas-de-vivero/registro-de-variedades/reg-de-variedades-comerciales/)

**RVP**: [Registro de variedades protegidas (mapa.gob.es)](https://www.mapa.gob.es/es/agricultura/temas/medios-de-produccion/semillas-y-plantas-de-vivero/registro-de-variedades/reg-de-variedades-protegidas/)

**Anexo 1**

***Annex 1***

SOLICITUD DE TRABAJO TÉCNICO SOBRE EVALUACIÓN DE VARIEDADES POR PARTE DE INIA

Nombre del solicitante (*Applicant name*):

NIF solicitante (*Applicant ID number*):

Empresa u Organismo al que representa (*Company or Organisation represent*):

Cargo en la Empresa u Organismo (*Position within the Company or Organisation*):

CIF Empresa u Organismo (*Company or Organisation CIF*):

Tipo de trabajo (*type of work*)

*Comprobación de resistencia a enfermedades (disease resistance to evaluate)*…………………………………………………….. [ ]

Por dichos trabajos se pagará la cantidad correspondiente, establecida en los precios públicos de INIA publicados anualmente en el BOE. En caso de no figurar en la lista de precios, y que sea posible realizar el trabajo, INIA enviará un presupuesto ad hoc que deberá ser aceptado por el solicitante antes de iniciar el trabajo.

Los datos de la persona o Institución que se hará cargo del pago, a nombre de la cual INIA emitirá una factura son:

*For such work, the corresponding amount will be paid, as established in INIA's public prices published annually in the BOE (Official State Gazette). In the event of not appearing on the price list, and if it is possible to carry out the work, INIA will send an ad hoc estimate which must be accepted by the applicant before starting the work.*

*The details of the person or Institution that will be in charge of the payment, in whose name INIA will issue an invoice are:*

Nombre *(Name)*:

NIF *(ID number)*: Domicilio *(address)*:

Teléfono, fax y/o correo electrónico *(Phone, fax and/or email)*:

 , . / . / .

 Fdo. *(Signed)*