|  |  |  |  |
| --- | --- | --- | --- |
|  | **Service public de Wallonie** (SPW) | Public service of Wallonia  **Direction de la Qualité et du Bien-être Animal** (DQBEA) | Direction of Quality and Animal Welfare | **QT\_FormB RW\_ZEAMX** CPVO/TQ-002/3 - 11/03/2010 | |
| **Id Dossier** |  |
| Chaussée de Louvain 14 - B-5000 Namur BELGIUM  **P**hone +32 81 64 95 97 | [catalogue.varietes@spw.wallonie.be](mailto:catalogue.varietes@spw.wallonie.be) | | **Official Date of application request** |  |
| <https://agriculture.wallonie.be/productions-vegetales> | |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **technical questionnaire : Maïs / Maize** | | | | | | | | | | | | | | |
| **1. Taxon botanique /** Botanical taxon **: Espèce** / Species | | | | | | | | | | | | | | |
| *Zea mays L.* | | | | | | | | | | | | | | |
| Autre / Other (please specify) : | | | | | | | | | | | | | | |
| **2. Demandeur(s)** / Applicant(s) | | | | | | | | | | | | | | |
| Nom / Name | | | | | | | | | | | |  | | |
| Adresse | | | | | | | | | | | |  | | |
| E-mail: | | | | | | | | | | | |  | | |
| **3. Référence de l'obtenteur** / Breeder’s reference | | | | | | | | | | | |  | | |
| 1. **Informations sur l'origine, le maintien et la reproduction ou la multiplication de la variété /** Information on origin, maintenance and reproduction of the variety (cette question pourra rester confidentielle / this question could be confidential) | | | | | | | | | | | | | | |
| * 1. **Schéma de selection et propagation de la variété** / breeding scheme and propagation of the variety | | | | | | | | | | | | | | |
| **04.01** **Schéma de sélection** / tBreeding scheme | | | | | | | | | | | | | | |
| **04.01.01 Type de materiel** / type of material | | | | | |  | | | | | | | | |
| lignée (précisez l'origine génétique) / inbred line (Please specify the genetic origin) | | | | | |  | | | | | | | | |
| hybride simple / single-cross hybrid | | | | | |  | | | | | | | | |
| hybride trois voies / three-way cross hybrid | | | | | |  | | | | | | | | |
| hybride double voies / double-cross hybrid | | | | | |  | | | | | | | | |
| variété à fecundation libre / open-pollinated variety | | | | | |  | | | | | | | | |
| autre type (indiquez la formule) / other type (indicate formula) | | | | | |  | | | | | | | | |
| **04.01.02 Variété résultant de** / variety resulting from | | | | | | | | | | | | | | |
| **04.01.02.01 Croisement** / crossing | | | | | | | | | | | | | | |
| Croisement contrôlé (indiquez les varieties parents) / controlled cross (indicate parent varieties) | | | | | | | | | |  | | | | |
| Croisement partiellement connu (indiquez la variété du parent connu) / partially know cross (indicate known parent varieties) | | | | | | | | | |  | | | | |
| Croisement inconnu / unknown cross | | | | | | | | | |  | | | | |
| **04.01.02.02 Mutation (indiquez les varieties parents)** / mutation (please state parent variety) | | | | | | | | | |  | | | | |
| **04.01.02.03 Découverte et développement (indiquez où et quand la variété a été découverte et comment elle a été développée)** / discovery and development (please state where and when discovered and how the variety has been developed) | | | | | | | | | |  | | | | |
| **04.01.02.04 Autre information sur l'origine de la variété (spéciifez)** / other information on the origin of the variety (please specify) | | | | | | | | | |  | | | | |
| **04.02** **Méthode de propagation de la variété** / method of propagation of the variety | | | | | | | | | | | | | | |
| **04.02.01 Dans le cas des variétés hybrides, le schéma de production devrait être fourni en détaillant toutes les lignées parentes requises pour la propagation de l'hybride p.ex.** / In the case of hybrid varieties, the production scheme should be provided. This should provide details of all the parent lines required for propagating the hybrid e.g. | | | | | | | | | | | | | | |
| **04.02.01.01 Hybride simple** / single hybrid | | | | | | | | | | | | | | |
| **Dénomination ou référence d'obtenteur de la lignée parentale femelle de l'hybride simple/** denomination or breeder's reference of female parental line of single hybrid | | | | | | | | | | | |  | | |
| **Dénomination ou référence d'obtenteur de la lignée parentale male de hybride simple/** denomination or breeder's reference of male parental line of single hybrid | | | | | | | | | | | |  | | |
|  | | | | | | | | | | | | | | |
| **04.02.01.02** **Hybride trois voies** / three-way hybrid | | | | | | | | | | | | | | |
| **Hybride simple utilisé comme parent femelle** **/** single hybrid (below) used as female parent | | | | | | | | | | | |  | | |
| **Lignée parentale femelle /**  female parent line | | | | | | | | | | | |  | | |
|  | | | | | | | | | | | |  | | |
| **Lignée parentale mâle** / male parent line | | | | | | | | | | | |  | | |
| **Hybride simple utilisé comme parent mâle** **/** single hybrid (below) used as male parent | | | | | | | | | | | |  | | |
|  | | | | | | | | | | | |  | | |
| **Hybride simple utilisé comme lignée parent femelle** **/** single hybrid used as female parent line | | | | | | | | | | | |  | | |
| **Hybride simple parent : lignée parentale mâle** / parent single hybrid : male parent line | | | | | | | | | | | |  | | |
|  | | | | | | | | | | | |  | | |
| **04.02.01.03** **Hybride double** / double hybrid | | | | | | | | | | | | | | |
| **Dénomination ou référence d'obtenteur de la lignée parentale femelle de l'hybride simple ustilsé comme parent femelle** **/** denomination or breeder's reference of female parental line of the single hybrid used as female parent | | | | | | | | | | | |  | | |
| **Dénomination ou référence d'obtenteur de la lignée parentale male de hybride simple utilisé comme parent femelle** **/** denomination or breeder's reference of male parental line of the single hybrid used as female parent | | | | | | | | | | | |  | | |
|  | | | | | | | | | | | |  | | |
| **Dénomination ou référence d'obtenteur de la lignée parentale femelle de l'hybride simple ustilsé comme parent mâle** **/** denomination or breeder's reference of female parental line of the single hybrid used as male parent | | | | | | | | | | | |  | | |
| **Dénomination ou référence d'obtenteur de la lignée parentale male de hybride simple utilisé comme parent mâle** **/** denomination or breeder's reference of male parental line of the single hybrid used as male parent | | | | | | | | | | | |  | | |
|  | | | | | | | | | | | |  | | |
| **04.02.01.04 Le schéma de production devrait identifier en particulier** / the production scheme should identify in particular | | | | | | | | | | | | | | |
| **Toutes les lignées parents femelles** **stériles mâles** /  any male sterile female parent lines | | | | | | | | | | | |  | | |
| **Système de maintien des lignées parent femelle stérile mâle** / maintenance system of male sterile female lines | | | | | | | | | | | |  | | |
|  | | | | | | | | | | | |  | | |
| **04.02.02 Variété à pollinisation ouverte** (précisez en détails) / Open-pollinated variety (please provide details) | | | | | | | | | | | |  | | |
| **04.02.03 Autres informations sur la méthode de propagation de la variété (précisez en détails)** / other information on the method of propagating the variety (please provide details) | | | | | | | | | | | |  | | |
| **04.03** **Notification concernant un examen technique effectué avec un système DHS de participation des obtenteurs (p.ex. système français d'essai de maïs)** / Notification concerning a technical examination carried out with a DUS system of breeders participation (e.g. French maize testing system) | | | | | | | | | | | | | | |
| **En cas d'hybride, veuillez donner les informations requises pour chaque composant aussi (vous pouvez utiliser la partie confidentielle du questionnaire technique pour indiquer ces informations)** / In case of hybrid, please give the resquested information for each component too (you may use the confidential part of the technical questionnaire to indicate this information) | | | | | | | | | | | | | | |
| **La variété a été notifiée pour être testée sous ce système** / yes, the variety has been notified for being tested under such system | | | | | | | | | | | | **Oui /** Yes  **Non** / No | | |
| **04.03.01Si vous avez informé l'Office d'examen de votre intention d'utiliser le système de participation des obtenteurs (pour l'hybride et/ou ses composants), veuillez joindre une copie de la (des) notification(s) portant un cachet de confirmation de l'Office d'examen** / If you notified the Examination Office on your intention to use the breeders participation system (for the hybrid and/or its components), please attach a copy of the notification(s) bearing a confirmation stamp of the Examination Office. | | | | | | | | | | | | | | |
| **5. Caractères de la variété à indiquer** / Characteristics of the variety to be given | | | | | | | | | | | | | | | |
| **5.1** *(6)* **Panicule: époque de floraison /** Tassel: time of anthesis | | | | | | | | | | | | | | | |
| Très précoce / very early | | | | | | | |  | | | | | | | 1 |
| Très précoce à précoce / very early to early | | | | | | | | KW1069, Spirit (SC) | | | | | | | 2 |
| Précoce / early | | | | | | | | F257, Champ (SC) | | | | | | | 3 |
| Précoce à moyen / early to medium | | | | | | | | F259, Centurion (SC) | | | | | | | 4 |
| Moyen / medium | | | | | | | | F522, Zenith (SC) | | | | | | | 5 |
| Moyenne à tardif / medium to late | | | | | | | | A632 | | | | | | | 6 |
| Tardif / late | | | | | | | | B73 | | | | | | | 7 |
| Tardif à très tardif / late to very late | | | | | | | | AM1513 | | | | | | | 8 |
| Très tardif / very late | | | | | | | |  | | | | | | | 9 |
| **5.2 (7) Panicule : pigmentation anthocyanique de la base des glumes / tassel : anthocyanin coloration at base of glume** | | | | | | | | | | | | | | | |
| Absente à très faible / absente to very weak | | | | | | | | W117, Royalty (SC) | | | | | | | 1 |
| Très faible à faible / very weak to weak | | | | | | | |  | | | | | | | 2 |
| Faible / weak | | | | | | | | F66, Boston (SC) | | | | | | | 3 |
| Faible à moyenne / weak to medium | | | | | | | |  | | | | | | | 4 |
| Moyenne / medium | | | | | | | | F107 | | | | | | | 5 |
| Moyenne à forte / medium to strong | | | | | | | |  | | | | | | | 6 |
| Forte / strong | | | | | | | | EP1 | | | | | | | 7 |
| Forte à très forte / strong to very strong | | | | | | | |  | | | | | | | 8 |
| Très forte / very strong | | | | | | | |  | | | | | | | 9 |
| **5.3** *(14)* **Epi: pigmentation anthocyanique des soies /** Ear: anthocyanin coloration of silks | | | | | | | | | | | | | | | |
| Absente à très faible / absente to very weak | | | | | | | | F7, F195, Bonus (SC) | | | | | | | 1 |
| Très faible à faible / very weak to weak | | | | | | | |  | | | | | | | 2 |
| Faible / weak | | | | | | | | F257, El Toro (SC) | | | | | | | 3 |
| Faible à moyenne / weak to medium | | | | | | | |  | | | | | | | 4 |
| Moyenne / medium | | | | | | | | F244, Gyöngymazsola (SC) | | | | | | | 5 |
| Moyenne à forte / medium to strong | | | | | | | |  | | | | | | | 6 |
| Forte / strong | | | | | | | | W401 | | | | | | | 7 |
| Forte à très forte / strong to very strong | | | | | | | |  | | | | | | | 8 |
| Très forte / very strong | | | | | | | |  | | | | | | | 9 |
| **5.4.1** *(22.1***) Plante: longueur (les lignées uniquement et panicule comprise)** / plant: length (only In bred lines and tassel included) | | | | | | | | | | | | | | | |
| Très courte / very short | | | | | | | | F7 | | | | | | | 1 |
| Très courte à courte / very short to short | | | | | | | |  | | | | | | | 2 |
| Courte / short | | | | | | | | W117, Spirit (SC) | | | | | | | 3 |
| Courte à moyenne / short to medium | | | | | | | |  | | | | | | | 4 |
| Moyenne / medium | | | | | | | | F244, Puma (SC) | | | | | | | 5 |
| Moyenne à longue / medium to long | | | | | | | |  | | | | | | | 6 |
| Longue / long | | | | | | | | WD36, Royalty (SC) | | | | | | | 7 |
| Longue à très longue / long to very long | | | | | | | |  | | | | | | | 8 |
| Très longue / very long | | | | | | | | Entreprise (SC) | | | | | | | 9 |
| **5.4.2** (*22.2*) **Plante : longueur (hybrides uniquement et varieties à fecundation libre - panicule comprise)** / plant : length (hybrids and open pollinated varieties only - tassel included) | | | | | | | | | | | | | | | |
| Très courte / very short | | | | | | | |  | | | | | | | 1 |
| Très courte à courte / very short to short | | | | | | | |  | | | | | | | 2 |
| Courte / short | | | | | | | | PR39D23 | | | | | | | 3 |
| Courte à moyenne / short to medium | | | | | | | |  | | | | | | | 4 |
| Moyenne / medium | | | | | | | | PR37Y12 | | | | | | | 5 |
| Moyenne à longue / medium to long | | | | | | | |  | | | | | | | 6 |
| Longue / long | | | | | | | | DKC5166 | | | | | | | 7 |
| Longue à très longue / long to very long | | | | | | | |  | | | | | | | 8 |
| Très longue / very long | | | | | | | | Alimare | | | | | | | 9 |
| **5.5** (*34*) **Epi : type de grain (au tiers de l'épi)** / ear : type of grain (in middle third of ear) | | | | | | | | | | | | | | |  |
| Corné / flint | | | | | | | | F2 | | | | | | | 1 |
| Corné à corné-denté / flint-like | | | | | | | | F252 | | | | | | | 2 |
| Corné-denté / intermediate | | | | | | | | F107 | | | | | | | 3 |
| Dentelé / dent-like | | | | | | | | A654 | | | | | | | 4 |
| Denté / dent | | | | | | | | W182E | | | | | | | 5 |
| Doux sucré / sweet | | | | | | | | Jubilee (SC) | | | | | | | 6 |
| Pop / pop | | | | | | | | Iowa Pop (PC) | | | | | | | 7 |
| Cireux / waxy | | | | | | | |  | | | | | | | 8 |
| Farineux / flour | | | | | | | |  | | | | | | | 9 |
| **5.6** (*37*) **Epi : couleur de la face dorsal des grains** / ear : colour of dorsal side of grain | | | | | | | | | | | | | | |  |
| Blanc / white | | | | | | | | F481 | | | | | | | 1 |
| Blanc jaunâtre / yellowish white | | | | | | | | A188 | | | | | | | 2 |
| Jaune / yellow | | | | | | | |  | | | | | | | 3 |
| Jaune orange / yellow orange | | | | | | | | F66 | | | | | | | 4 |
| Orange | | | | | | | | EP1 | | | | | | | 5 |
| Rouge orange / red orange | | | | | | | |  | | | | | | | 6 |
| Rouge / red | | | | | | | |  | | | | | | | 7 |
| Pourpre / purple | | | | | | | |  | | | | | | | 8 |
| Brunâtre / brownish | | | | | | | |  | | | | | | | 9 |
| Bleu noir / blue black | | | | | | | |  | | | | | | | 10 |
| **5.7** (*39*) **Epi: pigmentation anthocyanique des glumes de la rafle** / Ear: anthocyanin coloration of glumes of cob | | | | | | | | | | | | | | |  |
| Absente à très faible / absente to very weak | | | | | | | | F2, F257 | | | | | | | 1 |
| Très faible à faible / very weak to weak | | | | | | | |  | | | | | | | 2 |
| Faible / weak | | | | | | | | F252 | | | | | | | 3 |
| Faible à moyenne / weak to medium | | | | | | | |  | | | | | | | 4 |
| Moyenne / medium | | | | | | | | W117 | | | | | | | 5 |
| Moyenne à forte / medium to strong | | | | | | | |  | | | | | | | 6 |
| Forte / strong | | | | | | | | A632 | | | | | | | 7 |
| Forte à très forte / strong to very strong | | | | | | | |  | | | | | | | 8 |
| Très forte / very strong | | | | | | | |  | | | | | | | 9 |
| **Variétés voisines et différences par rapport à ces variétés** / Similar varieties and differences from these varieties | | | | | | | | | | | | | | |
| Veuillez noter que des informations sur des variétés similaires peuvent aider à identifier des variétés comparables et peuvent éviter une période d'essai supplémentaire / Please note that information on similar varieties may help to identify comparable varieties and can avoid an additional period of testing | | | | | | | | | | | | | | |
| **6.1 Y a-t-il des varieties similaires connues?** / Are there any similar variety (ies) known? | | | | | | | | | | | | | | |
| Oui / Yes | | | Non / No | | | | | | | | | | | |
| **6.2 Variétés similaires et différences avec ces variétés** / Similar varieties and differences from these varieties | | | | | | | | | | | | | | |
| **Dénomination de la variété voisine /** Denomination of similar variety | | **Caractère par lequel la variété voisine diffère** / Characteristic in which the similar variety is different | | | | | | **Niveau d'expression pour la variété voisine /** State of expression of similar variety | | | | **Niveau d'expression pour la variété candidate /** State of expression of candidate variety | | |
|  | |  | | | | | |  | | | |  | | |
|  | |  | | | | | |  | | | |  | | |
|  | |  | | | | | |  | | | |  | | |
| **7. Renseignements complémentaires pouvant faciliter la détermination des caractères distinctifs de la variété** / Additional information which may help to distinguish the variety | | | | | | | | | | | | | | |
| **7.1 Résistances aux parasites et aux maladies** / Resistance to pests and diseases | | | | | | | | | | | | | | |
| Oui, précisez / Yes, specify  Non / No | | | | | | | | | |  | | | | |
| **7.2 En plus des informations fournies dans les sections 5 et 6, y-a-t-il des caractéristiques supplémentaires qui peuvent aider à distinguer la variété?** / In addition to the information provided in sections 5 and 6, are there any additional characteristics which may help to distinguish the variety ? | | | | | | | | | | | | | | |
| Oui, précisez / Yes, specify  Non / No | | | | | | | | | |  | | | | |
| **7.3 Existe-t-il des conditions spéciales pour cultiver la variété ou effectuer l'examen?** / Are there any special conditions for growing the variety or conducting the examination? | | | | | | | | | | | | | | |
| Oui, précisez / Yes, specify  Non / No | | | | | | | | | |  | | | | |
| **7.3.1. La variété participera aux essais VCU suivants** / the variety will participate in the following VCU testing | | | | | | | | | | | | | | | |
| Maïs à ensiler précoce / forage early (silage)  Maïs à ensiler tardif / forage late (silage) | | | | | | | | | Maïs grain / grain | | | | | | |
| **7.4 Autres informations** / Other information | | | | | | | | | | | | | | | |
| **7.4.1 Maïs sucré seulement : type** / sweet corn varieties only : type | | | | | | | | | | | | | | | |
| Variété normalement sucrée (su1) / normal sweet varieties (su1) | | | | | | | | |  | | | | | | |
| Variété riche en sucre (se) / sugary enhanced varieties (se) | | | | | | | | |  | | | | | | |
| Variété super sucrée (sh2) / super sweet varieties (sh2) | | | | | | | | |  | | | | | | |
| Autres / other | | | | | | | | |  | | | | | | |
| **7.4.2 Classe de maturité FAO** / FAO maturity class | | | | | | | | |  | | | | | | |
| **7.4.3 Renseignements complémentaires /** Additional information | | | | | | | | | | | | | | | |
| Oui, précisez / Yes, specify  Non / No | | | | | | | | |  | | | | | | |
| **8 08.01. Information exigée concernant les OGM /** GMO information required | | | | | | | | | | | | | | | |
| **La variété est-elle un Organisme Génétiquement Modifié au sens de la législation de l’Article 2(2) de la Directive du Conseil EC/2001/18 du 12/03/2001 et de l’ Arrêté royal du 21.02.2005 réglementant la dissémination volontaire dans l'environnement ainsi que la mise sur le marché d'organismes génétiquement modifiés ou de produits en contenant?** Is the variety a Genetically Modified Organism within the meaning of Article 2(2) of Council Directive EC/2001/18 of 12.03.2001 and the Koninklijk Besluit of 21.02.2005 To regulations of the deliberate release into the environment as well as the marketing of genetically modified organisms or products which contain them. | | | | | | | | | | | | | | | |
| Oui / Yes | | | **08.02. Si oui, veuillez joindre une copie de l'autorisation pour la dissémination volontaire dans l'environnement ainsi que la mise sur le marché d'organismes génétiquement modifiés ou de produits en contenant**  /If yes, please attach a copy oft he written attestation oft he responsible authoritis stating that a technical examination oft he variety under Article 55 and 56 of the Basic Regulation does not pose risks tot the environment according tot he norms oft he above-mentioned Directive | | | | | | | | | | | | |
| Non / No | | | | | | | | | | | | | | | |
| **9. Information sur le matériel végétal à examiner** / Information on plant material to be examined  **L'expression d'une caractéristique ou de plusieurs caractéristiques d'une variété peut être affectée par des facteurs tels que des ravageurs et les maladies, un traitement chimique (régulateurs de croissance ou pesticides), les effets d'une culture de tissu, des rhizomes différents ou des greffons provenant de différentes périodes de croissance, etc**. / 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. | | | | | | | | | | | | | | | |
| **9.1 Microorganismes (entre autres : virus, bactéries, phytoplasmes)** / Micro-organisms (e.g. virus, bacteria, phytoplasma) | | | | | | | | | | | | | | | |
| Oui, précisez / Yes, specify  Non / No | | | | | | | | |  | | | | | | |
| **9.2 Traitement chimique (entre autres, régulateur de croissance ou pesticide)** / Chemical treatment (e.g. growth retardant or pesticide) | | | | | | | | | | | | | | | |
| Oui, précisez / Yes, specify  Non / No | | | | | | | | |  | | | | | | |
| **9.3 Culture de tissus** / Tissue culture | | | | | | | | | | | | | | | |
| Oui, précisez / Yes, specify  Non / No | | | | | | | | |  | | | | | | |
| **9.4 Autres facteurs** / Other factors | | | | | | | | | | | | | | | |
| Oui, précisez / Yes, specify  Non / No | | | | | | | | |  | | | | | | |
| **10 Place possible de l'examen technique** / Possible place of the technical examination  In case the CPVO needs to arrange a technical examination for this candidate variety, there might be more than one examination office entrusted by the CPVO suitable to grow your variety. In this case, the Office will decide on the place of the technical examination but you might iwsh to express here a preference in respect of an examination office. | | | | | | | | | | | | | | | |
| **10.1 Pays où l'examen DHS pourrait avoir lieu** / Country where the DUS examination could take place: | | | | | | | | |  | | | | | | |
| **Je / nous déclarons par la présente qu'à ma / notre connaissance, les informations données dans ce formulaire sont complètes et correctes** / I/we hereby declare that to the best of my/our knowledge the information given in this form is complete and correct. | | | | | | | | | | | | | | | |
| **Date** | | | | | |  | | | | | | | | | |
| Nom et signature / Name and signature | | | | | |  | | | | | | | | | |