

Title (en)

METHODS FOR ENHANCING THE PRODUCTION AND CONSUMER TRAITS OF PLANTS

Title (de)

VERFAHREN ZUR VERBESSERUNG DER PRODUKTIONS- UND VERBRAUCHEREIGENSCHAFTEN VON PFLANZEN

Title (fr)

PROCÉDÉS D'AUGMENTATION DE LA PRODUCTION ET DES CARACTÈRES DE CONSOMMATION DE PLANTES

Publication

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Application

EP 09848319 A 20090812

Priority

US 2009004623 W 20090812

Abstract (en)

[origin: WO2011019331A1] The invention provides methods for producing plants, plant materials and seeds that receive multiple desirable attributes for consumers of these products, as well as for commercial plant growers, and to improved plants, plant materials and seeds that are produced by these methods. These inventive methods provide hybrid plants, plant materials and seeds having the mutant shrunken-2i (sh2-i) allele incorporated into their genomes sequentially along with one or more other mutant alleles, such as the sugary- 1 (su1), sugary enhancer- 1 (se1) and/or shrunken-2 (sh2) alleles, and that have multiple beneficial traits, including an extended sugar retention ability at the post prime eating stage and a significantly enhanced vigor and fitness to the plant, plant material and/or seed during seed germination, seedling emergence from soil, and plant development.

IPC 8 full level

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Citation (search report)

- No further relevant documents disclosed
- See references of WO 2011019331A1

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