Sunflower

7PNWF24B

7PNWF24B is a linoleic oil type, imidazolinone resistant, maintainer line developed by Pioneer Hi-Bred International that derives from the cross N0626LG/B0391LG//N0736LG. N0626LG, B0391LG & N0736LG are all Pioneer proprietary lines. Selections were made for imidazolinone resistance, oil content, shorter plant stature, earlier flowering and yield, as assessed in hybrid combination. The pedigree method was used in the development of 7PNWF24B. It is a bulk of F12 seed tracing back to single F11 selection. The sterile analog derives from CMS PET1 cytoplasm following 11 generations of backcrossing. It is homozygous dominant for single heads.

Hybrids utilizing 7PNWF24B have been tested in and are adapted to the growing regions of Central, Eastern, and Western Europe.

The variety is resistant to imidazolinone herbicide.

Pioneer Hi-Bred International will be responsible for maintenance of all seeds stocks. Foundation seed will be produced in open pollinated field increases in isolation as prescribed by the state where the seed is grown. A maximum of two generations beyond breeder seed will be allowed. Breeder seed will originate from cage isolations or, on occasion, from controlled bagging in nursery rows.

Certified seed is first expected to be available in 2016. Please do not publish certified seed production acreage.

Application for protection under the Plant Variety Protection Act will not be made.

Date this application was submitted: March 14, 2016
Date recommended by the VRB: May 24, 2016