

‘WB1604’

(Exp. # BZ6W07-458)
Soft White Winter Wheat

Description for Crop Improvement

‘WB 1604’, exp # BZ6W07-458, is a medium maturity, semi-dwarf, soft white winter wheat derived by WestBred, a Unit of Monsanto from the cross ‘WestBred 470/ Cashup//Madsen’. The spike of ‘WB 1604’, exp # BZ6W07-458 is awned, with tan chaff at maturity. The spike is mid-dense, strap shaped and inclined at maturity. The stem has a waxy bloom, the leaves are dark green and the head does not have a waxy bloom. There is no anthocyanin in the stem or auricles. Hair is absent on the auricle. Typically there are 3 nodes and the internodes are hollow.

The glumes are tan, wide and long in length, and have a wide square shoulder. The beak is acuminate and medium in length. There is no pubescence on the glume.

The seed of ‘WB 1604’, exp # BZ6W07-458 is soft, white and ovate in shape with a large germ. The cheeks are rounded and the crease is shallow and medium in width. The brush is large and the brush hair is long and is not collared.

‘WB 1604’, exp # BZ6W07-458, may contain the following variant wheat types:

- a. Red seed at a frequency of up to 20/10,000 seeds.
- b. Plants that are one to two heads taller at a frequency of up to 10 plants/10,000.

Otherwise, no other variants are known to occur and ‘WB 1604’, exp # BZ6W07-458 is a stable and uniform variety in appearance and performance.

Application to the Plant Variety Protection will be made for ‘WB 1604’, exp # BZ6W07-458 and the Title IV option will not be chosen.

