

# New Varieties Released 2015/16

Variety Development Unit  
Sugar Industry Authority

# BJ9250

**BJ9250** is characterized by its medium to thick stalks and **erect** growth habit which makes it **highly suited for mechanical harvesting** and packs to a good payload in carts and trucks.

Its **germination** is usually very **rapid and reliable** and it can achieve very high tonnages of up to **100 tonnes cane per hectare** with good irrigation or rainfall. It has **good sucrose content** that makes for **high sugar yields**.

**BJ9250** is best grown on the **light, medium, and heavy soil** textures across the irrigated and rain-fed areas.

The young **internodes** are generally **slightly purplish-green, becoming grayish** as it matures. Cracks are present on the **internodes** which are **cylindrical and slightly zig-zag** and are covered with **heavy wax**.

**BJ9250** **canopies early** and provides, under **good management**, for fewer herbicide applications that can positively impact reduced costs and the environment.





# BJ9310

**BJ9310** is a **niche variety** for the **Wet West**. It is free-trashing and highly productive on the clay loam and well-drained clay soils where it can achieve over **100 tonnes cane per hectare**. It will lodge with age and high yields.

**BJ9310** is characterized by its medium to long, thick internodes, erect growth, and yellowish-green stalk.

The leaves are of medium length, is wider than usual, and dark green in color.

The **leaf sheath** is **pale green** with a thin coat of wax. A distinct auricle is present.

**Germination** is usually very **rapid and reliable** with good quality cane seed.

**Tillering** is quite **rapid and profuse**.

**Stalks** emerge quite **erect** but with its broad leaves **BJ9310** provides **good early ground cover** that may result in fewer herbicide applications.





# BJ9764

**BJ9764** is a **high-yielding** variety that shows adaptation to the high rainfall areas: Frome; Holland; Upper Clarendon and St. Catherine; Golden Grove; and Appleton.

It is prominent because of its **consistently high cane yield of over 100 tonnes cane per hectare**, and **above average juice quality under good management**.

The young internodes are wine red in color and change to purple as they get older.

Young stalks are covered with a thin coat of wax. Cracks are present on the internodes. The root band has a cream to purple color. Bud grooves are sometimes present on the mature stalks, and a wax ring is well defined on the internodes.

**BJ9764** grows well on the **light, medium, and heavy soil** textures.

It is **resistant to smut and orange rust diseases** and shows tolerance to the **cane fly**.

The growth ring is quite distinct and varies in color from pale green to purplish-green where the leaf is removed from the stalk.

Buds are medium to large and are ovate with small bud wings, buds are cream-brown when young but turn straw-brown as the variety matures.





# BJ9428

**BJ9428** is characterized by its **erect**, and **medium to thick stalks** that are **greenish-yellow** but appear more yellow as they mature. It is suited for the Everglades, Frome, and Worthy Park areas for planting on the **light, medium, and heavy soils**.

**Germination and growth are rapid.** BJ9428 responds well to good management and can achieve excellent yields of over **100 tonnes cane per hectare** with good sucrose content. It can return **high sugar yields per hectare**.

The variety is **suited for mechanical harvesting**.

Each bud is round with bud-wings and is located above the leaf scar and within the root band. There is no bud groove. The **root band** is well defined with a **cream color**. The root initials can be distinctly seen. The variety will also show **internode cracks**.

The **leaves are long, and of medium width**. Both the **leaves and leaf sheath are pale green in color**. Auricles are present and are approximately 2.5 cm in length.

BJ9428 is an elite variety worth propagating for its high yields, good quality, and good disease resistance.

