

ITB 501*Male sterile F1 hybrid*

| | |
|---|-----------------------------------|
| Origin: | France |
| Breeder: | Institut du tabac Bergerac |
| Contact: | www.imperial-tobacco-bergerac.com |
| Type: | aromatic burley |
| Description | |
| <p>ITB 501 is an early maturing F1 hybrid with strong potential for a high quality, warm colored typically aromatic burley style, good yield, PVY^N and black root-rot resistance. .</p> <p>ITB 501 has short plants, typically 1.40 m after topping, with semi-erect leaves. In south-west of France, topping would occur 65 to 70 days after transplantation, and stalk harvest 15 days after topping. Stalk harvest should not be delayed after topping to limit the alkaloid potential. ITB 501 typically produces 20 harvestable leaves.</p> <p>ITB 501 tends to have an even leaf maturity from bottom to top. It is adapted to stalk harvest, but leaf harvest also produces good results.</p> | |

**MAIN CHARACTERISTICS**

| Resistances: | |
|------------------------|----|
| Black root rot: | R |
| Powdery mildew: | S |
| Blue mold: | S |
| PVY: | R |
| TMV: | S |
| Nematodes: | nd |
| Other: | - |

| Production data (2010, estimated): | | |
|---|-----------------|----------------------------|
| Country: | Acreage: | % of total acreage: |
| FRANCE | 848 | 35 |
| MAROCCO | 1088 | nd |
| | | |
| | | |
| | | |

R: resistant – **S:** sensitive– **Tol:** tolerant

nd: no data

| Agronomical data and Chemical data | | | |
|---|--------------------------|------------------------------|------------------------------|
| | 31 trials results | % of AERET standard * | % of local standard** |
| Yield (kg/ha): | 3087 | 96 | 100 |
| Grade index: | 80 | 137 | 100 |
| Maturity: | early | | 100 |
| Nicotine content (%): | 4.1 | 112 | 100 |
| Reducing sugars (%): | - | - | - |

* AERET standard variety: **TN90**

** local standard variety: **ITB 501**

REMARKS: