


**ITB 420***Male sterile F1 hybrid*

|   |   |   |
|---|---|---|
| <b>Origin:</b>  | France                                  |  |
| <b>Breeder:</b>   | Institut du tabac Bergerac              |   |
| <b>Contact:</b>   | www.imperial-tobacco-bergerac.com       |   |
| <b>Type:</b>  | dark air-cured "Paraguay" style tobacco |   |
| <b>Description</b>  |   |   |
| <p>ITB 420 is a dark air-cured variety with black root-rot, PVY<sup>N</sup> and TMV resistance, blue-mould tolerance, and high hardiness in European climates. Growing ITB 420 is recommended in soils contaminated with the black root-rot fungus.</p> <p>ITB 420 produces plant with erect leaves, as tall as ITB 1000. After topping, the number of usable leaves is in average 20. The topping date (first flowers opened) is later than ITB 1000 by 1 to 9 days depending on conditions.</p> <p>ITB 420 is suitable for stalk-harvest or leaf harvest. The maturity dates for harvest are similar to ITB 1000. In France, stalk harvest would typically happen 90 days after transplantation.</p> <p>ITB 420 shows a good air-curing ability and produces a classical dark „Paraguay" style of dark tobacco, with good body and an evenly spread brown colour.</p> |   |   |

**MAIN CHARACTERISTICS**

| <b>Resistances:</b>    |     |
|------------------------|-----|
| <b>Black root rot:</b> | R   |
| <b>Powdery mildew:</b> | S   |
| <b>Blue mold:</b>      | tol |
| <b>PVY:</b>            | R   |
| <b>TMV:</b>            | R   |
| <b>Nematodes:</b>      | nd  |
| <b>Other:</b>          | -   |

| <b>Production data ():</b> |                 |                            |
|----------------------------|-----------------|----------------------------|
| <b>Country:</b>            | <b>Acreage:</b> | <b>% of total acreage:</b> |
|                            |                 |                            |
|                            |                 |                            |
|                            |                 |                            |
|                            |                 |                            |
|                            |                 |                            |
|                            |                 |                            |
|                            |                 |                            |

R: resistant – S: sensitive – Tol: Tolerant  
nd: no data

| <b>Agronomical data and Chemical data</b> |                       |                              |                              |
|---|-----------------------|------------------------------|------------------------------|
|   | <b>4 field trials</b> | <b>% of AERET standard *</b> | <b>% of local standard**</b> |
| <b>Yield (kg/ha):</b>                     | 3461                  |                              | 95                           |
| <b>Grade index:</b>                       | 53                    |                              | 86                           |
| <b>Maturity:</b>                          |                       |                              |                              |
| <b>Nicotine content (%):</b>              | 2.8                   |                              | 88                           |
| <b>Reducing sugars (%):</b>               | -                     |                              |                              |

\* AERET standard variety:

\*\* local standard variety: **ITB 1000**