


**ITB 689***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>	filler	
<b><u>Description</u></b>		
<p>ITB 689 is an early to medium maturity flue-cured F1 hybrid combining TMV, PVY<sup>N</sup> and black root-rot resistance, and a high quality potential.</p> <p>ITB 689 produces a tall plant, with typically 19 to 20 harvestable leaves. In south-west of France, the topping date is in average about 74 days after transplantation. It shows very good curing ability with good productivity.</p> <p>ITB 689 typically produces a high quality flue-cured tobacco, with an homogeneous colour, light lemon to lemon depending on conditions.</p>		

**MAIN CHARACTERISTICS**

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

<b>Production data (2010, estimated):</b>		
<b>Country:</b>	<b>Acreage:</b>	<b>% of total acreage:</b>
FRANCE	41	1
MADAGASCAR	10	nd

**R:** resistant – **S:** sensitive – **Tol:** tolerant  
**nd:** no data

<b>Agronomical data and Chemical data</b>			
	<b>15 trials results</b>	<b>% of AERET standard *</b>	<b>% of local standard**</b>
<b>Yield (kg/ha):</b>	3353	96	95
<b>Grade index:</b>	77	114	98
<b>Maturity:</b>	early	98	102
<b>Nicotine content (%):</b>	1.6	119	142
<b>Reducing sugars (%):</b>	18.9	92	101

\* AERET standard filler flue-cured variety: **ITB 33024**

\*\* local standard filler flue-cured variety: **ITB 683**

**REMARKS:**