


**Basma 1***Individual breeding*

<b>Origin:</b>	Bulgaria	
<b>Breeder:</b>	Dimanov Dimitar (TTPI, Markovo)	
<b>Contact:</b>	Itti_markovo@abv.bg	
<b>Type:</b>	Oriental, Basma	
<b>Description</b>		
<p><b>History of the variety:</b> Individual breeding of local populations – village of Vodenicharsko, municipality of Dzebel. <b>Botanical affiliation:</b> <i>Nicotiana tabacum</i> L. ecotype Dzebel basma. <b>Shape of the plant:</b> cone-shaped; height - 85-105 cm, depending on the agrotechnics. <b>Leaves:</b> 28 – 33 leaves, position – regular, size - 15.3/8.7 cm (length/width) at 14<sup>th</sup> leaf, shape of the leaf - elliptical, lamina - curly and waved, hairy and strongly gummy, colour – green <b>Biological characteristics:</b> the length of the vegetation period (from the plant-seedlings till the mass-flowering) is 53 – 56 days; till the ripe of the first leaves: 42 – 44 days. The leaves ripe consecutively. The leaves get overripe, if the harvest is late. They dry fast. <b>Quality:</b> the dried tobacco leaves have deep orange to orange-red colour with gloss, medium thickness, and thin main vein. They possess a typical for the basma tobaccos fine flavour, pleasant taste and very good burning capacity. When smoked, it does not saturate.</p>		

**MAIN CHARACTERISTICS**

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

R: resistant – S: sensitive  
nd: no data

<b>Production data ( )::</b>		
<b>Country:</b>	<b>Acreage:</b>	<b>% of total acreage:</b>
BULGARIA	New variety	

<b>Agronomical data and Chemical data</b>			
		<b>% of AERET standard *</b>	<b>% of local standard**</b>
<b>Yield (kg/ha):</b>	2000	-	100
<b>Grade index:</b>	-	-	-
<b>Maturity:</b>	early	-	-
<b>Nicotine content (%):</b>	1,6 -2,0	-	100
<b>Reducing sugars (%):</b>	14 - 16	-	100

\* AERET standard variety:

\*\* local standard Oriental variety: **Basma 1**