

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 01 - 2003**

CORESTA  
11 RUE DU QUATRE SEPTEMBRE - 75002 PARIS - FRANCE  
Tel: +33 1 58 62 58 70 Fax: +33 1 58 62 58 79

Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Sejenane and El Guetma regions (Northern Tunisia)  TUNISIA	08/04/2003	18/04/2003	Fax	Light, localised outbreak in seedbeds on seedlings at transplanting stage. Dark air-cured tobacco Variety 8-4/7-2 affected. Climatic conditions very conducive to blue mould. Treatment with Ridomil MZ 58.  <b>Information received from Hamadi YAHIAOUL, Régie Nationale des Tabacs et Allumettes – Tunis (Tunisia).</b>

Ref.: 091

Paris, 18 April 2003

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 02 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Ain Dorrij MOROCCO	09/04/2003	30/04/2003	Fax	First outbreak of blue mould at the Crop Control Centre at Ain Dorrij. Traces of blue mould observed in seedbeds of dark tobacco, variety B 47, at the 5 to 6 leaf stage.  <b>Information received from H. SENHADJI and A. GUEDIRA, Régie des Tabacs – Casablanca (Morocco).</b>

Ref.: 097

Paris, 30 April 2003

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 03 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
IRAN	05/04/2003 and 24/04/2003	06/05/2003	Fax	<p>Outbreak of blue mould on seedlings at the 4-6 leaf stage. Bergerac c. variety affected on 5 April and Burley 21 and Basma 178-2 varieties affected on 24 April.</p> <p>Medium to high sporulation on local varieties.</p> <p>Treatment with Ridomil MZ 72% and Mancozeb.</p> <p><b>Information received from R.A. MAHTABI, Tobacco Research Institute of Tirtash – Behshahr (Iran).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 04 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Manole Village (near Plovdiv) BULGARIA	02/05/2003	04/06/2003	E-mail	<p>First outbreak of blue mould on Virginia tobacco seedlings at the 4 - 6 leaf stage. Medium to high sporulation on local spots.</p> <p>Treatment with Ridomil Gold 68 WP.</p> <p><b>Information received from Dr. Hristo BOZUKOV, Head of Plant Protection Dept., Tobacco and Tobacco Products Institute, Plovdiv (Bulgaria).</b></p>
Near Freiburg South GERMANY	02/06/2003	05/06/2003	E-mail	<p>Outbreak of blue mould on burley tobacco in the field. Sporulation observed on several plants three weeks after transplanting.</p> <p>Tobacco treated with Acrobat Plus WG (9% Dimethomorph, 60% Mancozeb) and affected plants destroyed.</p> <p><b>Information received from Dr. N. BILLENKAMP / A. LENGERSDORF, Landesanstalt für Pflanzenbau Forchheim, Rheinstetten (Germany).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 05 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Baden Württemberg, North Baden  GERMANY	06/06/2003	06/06/2003	E-mail	Blue mould outbreaks in the field. Treatment with Acrobat Plus and affected plots destroyed.  <b>Information received from Günter HECHLER, Bundesverband deutscher Tabakpflanzer e.V., Speyer (Germany).</b>
Ain Draham, Tabarka, Nefza and Ghardimaou regions (Northern Tunisia)  TUNISIA	02/06/2003	12/06/2003	Fax	Light, localised outbreak on dark air-cured tobacco Variety 8-4/7-2 in the field (10 leaf stage). Climatic conditions very favourable for blue mould. Treatment with Ridomil MZ 58.  <b>Information received from Hamadi YAHIAOUL, Régie Nationale des Tabacs et Allumettes – Tunis (Tunisia).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 06 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Lower Saxony Northwest GERMANY	19/06/2003	20/06/2003	E-mail	<p>Outbreak of blue mould in the field.</p> <p>The blue mould originated on transplant seedlings supplied by a farmer in southwestern Germany where blue mould was first detected on 2 June (see Warning No. 04).</p> <p>Analysis results from the University of Hohenheim indicate that this blue mould strain is resistant to Metalaxyl. At present, the original contamination source is unclear (i.e. hibernation of sporangiospores in Germany? Or wind distribution from other countries?).</p> <p><b>Information received from Dr. N. BILLENKAMP, Landesanstalt für Pflanzenbau Forchheim, Rheinstetten (Germany).</b></p>
Rheinland Pfalz, Wittlich  GERMANY	23/06/2003	23/06/2003	E-mail	<p>Blue mould outbreaks in the field (young plants from Bad Krozingen). Tobacco treated with Forum (Dimethomorph) and parts of the affected plants destroyed.</p> <p>Information received from Günter HECHLER, Bundesverband deutscher Tabakpflanzer e.V., Speyer (Germany).</p>
Amreh and Chahar-dangeh (Sari, Mazandaran Province)  Northern IRAN	09/06/2003	23/06/2003	Fax	<p>Blue mould outbreak with medium sporulation on tobacco in the field (growth stage 1 – after transplanting).</p> <p><b>Information received from R.A. MAHTABI, Tirtash Tobacco Research Institute, Behshahr (Iran).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 07 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Bavaria GERMANY	27/06/2003	27/06/2003	E-mail	Small sporadic blue mould outbreaks in the field. Tobacco treated with Forum plus (Dimethomorph).  <b>Information received from Günter HECHLER, Bundesverband deutscher Tabakpflanzer e.V., Speyer (Germany).</b>
Gersdorf, Weiz District, Eastern Styria Province  AUSTRIA	27/06/2003	01/07/2003	E-mail	Blue mould outbreak on 0,5 ha of burley tobacco in the field (6-8 leaf stage). Affected area immediately treated with Ridomil Gold MZ WG (0,25%).  <b>Information received from Ing. O. SCHÖLLAUF, Ernährungssicherheit Rohtrabak Österreich GmbH and DI E. KURTZ, Österreichische Agentur für Gesundheit und Ernährungssicherheit GmbH (Austria).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 08 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Baden Württemberg, North Baden, South Palatinate  GERMANY	08/07/2003	08/07/2003	E-mail	Further small blue mould outbreaks in the field. Tobacco treated with Dimethomorph and harvested.  <b>Information received from Günter HECHLER, Bundesverband deutscher Tabakpflanzer e.V., Speyer (Germany).</b>

Ref.: 161

Paris, 10 July 2003

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 09 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED			
		on	by				
POLAND	14/07/2003	17/07/2003	E-mail	See below.  Information received from Tomasz BIERUT, Universal Leaf Tobacco (Poland).			
General information				Intensity of outbreak		Treatments	
Variety	Growing stage	Site	Region	No. of leaves with BM lesions	Average No. of lesions/leaf	Preventative treatments before infection	Action taken to reduce infection
Wislica (FCV)	12 leaves	Cieszanów	Southern Poland	4 - 6	8 - 12	None	Sprayed with Ridomil Gold 68 WP. Bottom leaves removed to improve ventilation

**Total plot area :** 1.2 ha

**% infected :** 2 - 3%

**Estimated yield loss :** insignificant

Ref.: 168

Paris, 21 July 2003

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 10 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Berthen (Nord)  FRANCE	18/07/2003	22/07/2003	E-mail	Outbreak of blue mould on 200 tobacco plants at growing stage. Outbreak not systemic. Affected plants destroyed and total area treated with ACROBAT.  <b>Information received from the Service Achats, UCAPT/France Tabac (France).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 11 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Idanha / Ladoeiro / Beira Interior  PORTUGAL	23/07/2003	25/07/2003	E-mail	<p>Light outbreak of blue mould on tobacco variety As / 04 DF in the field (12 ha) at the early flowering stage. 25% of leaf surface affected. Low sporulation.</p> <p>Preventative treatment with Mancozeb + Metalaxyl.</p> <p>Control treatment with Ridomil MZ 72 immediately upon appearance of blue mould symptoms.</p> <p><b>Information received from Paulo ABRANTES, Agronomic Manager, Agrotab (Portugal).</b></p>

Ref.: 173

Paris, 28 July 2003

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 12 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Thurgau Canton SWITZERLAND	22/07/2003	28/07/2003	E-mail	<p>Outbreak of blue mould on Virginia tobacco variety Golta, in well irrigated field. Affected plants destroyed and area treated with Ridomil Gold.</p> <p><b>Information received from Daniel GINDRAT, Station Fédérale de Recherches en Production Végétale de Changins (Switzerland).</b></p>
St. Genies (Dordogne) FRANCE	29/07/2003	30/07/2003	E-mail	<p>Outbreak of blue mould on 0.10 ha of tobacco variety BB16A after topping. Some sporulation on the lower levels of the plants (X + C). Treatment with Acylon at regrowth stage. Treatment with Maneb and Acylon TC after appearance of blue mould.</p> <p><b>Information received from the Service Achats, UCAPT/France Tabac (France).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 13 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
St. Florian Upper AUSTRIA	30-31/07/2003	01/08/2003	E-mail	<p>Second outbreak of blue mould in Austria. 1,4 ha of Burley tobacco affected at early flowering stage (6-8 of the lower leaves partly harvested).</p> <p>Two weeks ago, field was treated with Ridomil Gold MZ WP (Metalaxyl M [40 g.a.i.] + Mancozeb [640 g.a.i.] – 25%).</p> <p>Affected plants removed and destroyed and the field immediately treated with Ortiva (Azoxystrobin [250 g.a.i.] – 0.1%) and Ditahne Neo Tec (Mancozeb [750 g.a.i.] – 0.05%).</p> <p><b>Information received from Ing. O. SCHÖLLAUF, Ernährungssicherheit Rohtrabak Österreich GmbH and DI E. KURTZ, Österreichische Agentur für Gesundheit und Ernährungssicherheit GmbH (Austria).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 14 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Hostun (Drôme)  FRANCE	12/08/2003	14/08/2003	E-mail	Outbreak of blue mould on 0.10 ha of Virginia tobacco variety ITB 33024 after topping. Some sporulation on lower levels of the plants (X + C). First treatment three weeks after transplanting and second treatment before topping. After blue mould outbreak, immediate treatment recommended.  <b>Information received from the Service Achats, UCAPT/France Tabac (France).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 15 - 2003**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED			
		on	by				
POLAND	14/08/2003	21/08/2003	E-mail	See below.  <b>Information received from Tomasz BIERUT, Universal Leaf Tobacco (Poland).</b>			
General information				Intensity of outbreak		Treatments	
Variety	Growing stage	Site	Region	No. of leaves with BM lesions	Average No. of lesions/leaf	Preventative treatments before infection	Action taken to reduce infection
DH 17 (FCV)	Fully developed	Leżajsk	Southern Poland	10	15	Ridomil 68 MZ (July)	More leaves reaped at a time. Removal of infected leaves.
Makar (DAC)	10 days after topping	Proszowice	Southern Poland	2	3		

**Total plot area :** 0.8 and 0.7 ha

**% infected :** 40% for DH 17, insignificant for the other

**Estimated yield loss :** 200 kgs for DH 17, insignificant for the other