

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 01 - 2001**

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	
MOROCCO	22/02/2001	14/03/2001	Fax	First outbreak of blue mould, at the Crop Control Centre of Ouezzane, in seedbeds of dark tobacco, variety B 47, stage 4 leaves.  <b>Information received from Régie des Tabacs / Casablanca (Morocco).</b>

Ref.: **082**

Paris, 15 March 2001

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 02 - 2001**

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	
TUNISIA	29/03/2001	02/04/2001	Fax	First outbreak of blue mould, at the Gabès Centre (Teboulbou). Light and localised outbreak on snuff tobacco variety. Treatment with Ridomil MZ 58 underway.  <b>Information received from Mr Hamadi YAHIAOUI, Régie Nationale des Tabacs et Allumettes / Tunis (Tunisia).</b>

Ref.: 101

Paris, 2 April 2001

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 03 - 2001**

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	
SYRIA	03/04/2001	14/04/2001	Fax	First outbreak of blue mould on "Balady" variety in the tobacco fields at the coastal area Baniyas (Ein Al Sharkih Village).  <b>Information received from Dr Fayssal SAMMAK, Chairman – General Director, General Organisation of Tobacco, Damascus (Syria).</b>

Ref.: 115

Paris, 18 April 2001

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 04 - 2001**

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	
Mazandaran Province IRAN	?/04/2001	19/04/2001	Fax	Severe outbreak of blue mould with high sporulation in seedbeds of Coker 347 variety in Jamkhaneh in northern Iran (Mazandaran province).
Celestan Province IRAN	18/04/2001	19/04/2001	Fax	Outbreak of blue mould, with high sporulation, on Coker 347 and Burley 21 at the transplanting stage, in Ghorohg in north western Iran (Celestan province). Treatment with Ridomil MZ.  <b>Information received from N. KIA, General Director, Tobacco Research Institute of Tirtash, Behshahr (Iran).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 05 - 2001**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Centres Kélibia (North-east) Tabarka, Ain Draham, Nefza, (North) TUNISIA	14/05/2001	25/05/2001	Fax	<p>Light localised outbreak of blue mould on local dark air-cured tobacco at the 6-8 leaf stage in the field.</p> <p>Lower leaves of early planted crop infected. Climatic conditions very favourable to outbreak.</p> <p>Treatment with Ridomil MZ 58 underway.</p> <p><b>Information received from Mr Hamadi YAHIAOUI, Régie Nationale des Tabacs et Allumettes / Tunis (Tunisia).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 06 - 2001**

CORESTA  
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75002 PARIS - FRANCE  
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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Marrakech MOROCCO	03/05/2001	15/06/2001	Fax	First outbreak of blue mould at the Crop Control Centre of Marrakech, in seedbeds of dark tobacco, variety B 47, stage 5 and 6 leaves.  <b>Information received from M. DIKI, Chef de Division Adjoint, Régie des Tabacs / Casablanca (Morocco).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 07 - 2001**

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						
POLAND		See below.	11/07/2001	E-mail	See below. Information received from T. BIERUT, Universal Leaf Tobacco (Poland).					
General information							Intensity of outbreak		Treatments	
No.	Date of observation	Variety	Growing stage	Country	District	Region	No. of leaves with BM lesions	Average No. of lesions/leaf	Chemical treatment	Other
1	06/07/01	Burley / TN 90	14 leaves	Poland	Krakow	south	2	2	Pencozeb (27/06/01) Ridomil (06/07/01)	removal of bottom leaves
2	09/07/01	FCV / Wislica	8 leaves	Poland	Lezajsk	south	2	4	Ridomil (09/07/01)	removal of bottom leaves
3	09/07/01	Burley / TN 90	12-14 leaves	Poland	Krakow	south	3	6-8	Ridomil	removal of bottom leaves
4	09/07/01	Burley / TN 90	8-10 leaves	Poland	Krakow	south	8-10	4-6	Ridomil	removal of bottom leaves
5	10/07/01	FCV / Wislica	12 leaves	Poland	Lezajsk	south	2	3	Ridomil (10/07/01)	removal of bottom leaves

Ref.: 203

Paris, 11 July 2001

## CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 08 - 2001

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	
Fribourg canton (Morat)  SWITZERLAND	11/07/2001	12/07/2001	E-mail	First outbreak of blue mould in the Fribourg Canton (Morat region) on Virginia tobacco, Golta variety. Lower leaves affected (approximately one sporulating spot per leaf). Treated on the same day with Ridomil Gold. Treatment to be repeated towards 14-16 July. Infected plants destroyed.  <b>Information received from Daniel GINDRAT, Station federale de recherches en production vegetale de Changins (Switzerland).</b>



**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 09 - 2001**

CORESTA  
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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Forchheim GERMANY	11/07/2001	16/07/2001	Fax	<p>Two outbreaks of blue mould in the field at Forchheim. Only up to 10 plants of the flue-cured varieties Golta and HYV7 showed any visible signs of blue mould.</p> <p>The plants had twice been treated with Ridomil TK (15% Metalaxyl and 45% Mancozeb) in the seedbeds and once with Ridomil TK (1 kg/ha) in the field on 22 June.</p> <p>Following the outbreak of blue mould, on 12 July, the tobacco in the field was again treated with Ridomil TK (1,5 kg/ha). The spread of the mould seems to have been curtailed but the situation will continue to monitored closely.</p> <p><b>Information received from Norbert BILLENKAMP, Landesanstalt für Pflanzenbau Forchheim (Germany).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 10 - 2001**

CORESTA  
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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Canton d'Argovie	12/07/2001	17/07/2001	E-mail	Outbreak of blue mould on Burley 92 variety. Principal outbreak of diameter 20 m was destroyed on 14 July. Treatment with Ridomil Gold to follow as soon as weather conditions are favourable.
Cantons de Vaux et Fribourg (Vallée de la Broye)  SWITZERLAND	16/07/2001	17/07/2001	E-mail	Two plots of Burley 93 variety affected. Situation under control.  <b>Information received from Daniel GINDRAT, Station federale de recherches en production vegetale de Changins (Switzerland).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 11 - 2001**

CORESTA  
 11 RUE DU QUATRE SEPTEMBRE  
 75002 PARIS - FRANCE  
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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED					
		on	by						
POLAND	See below.	18/07/2001	E-mail	See below.  Information received from T. BIERUT, Universal Leaf Tobacco (Poland).					
General information						Intensity of outbreak		Treatments	
Date of observation	Variety	Growing stage	Country	District	Region	No. of leaves with BM lesions	Average No. of lesions/leaf	Chemical treatment	Other
16/07/01	FCV/DH-17	15 leaves	Poland	Lezajsk	south	5	7	Ridomil	

Ref.: 210

Paris, 18 July 2001

## CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 12 - 2001

CORESTA  
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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
North of Umbria (Corlo) ITALY	15/07/2001	18/07/2001	E-mail	Outbreak of blue mould on FCV ITB 609 variety. Treatment with Ridomil Gold on 16 July. Situation under control.  <b>Information received from Marco PRAT, Fattoria Autonoma Tabacchi (Italy).</b>

Ref.: 211

Paris, 18 July 2001

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 13 - 2001**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Wervik and Beselare (West Flanders)  <b>BELGIUM</b>	27/06/2001	18/07/2001	E-mail	Outbreak of blue mould in two fields in Wervik and two fields in Beselare on Filippijn variety (dark air cured) one month after planting at about the 8 leaf stage. Outbreaks localised in the field and area of approx. 3 ha affected. On severely affected plants, about 6 lesions per leaf on 3 lowest leaves observed. On the other plants in the field, 0 – 2 lesions per plant noted. Sporulation observed. Immediate treatment with metalaxyl + mancozeb, destruction of severely affected tobacco, and removal of bottom leaves on the remainder of the affected plants. Infection probably started in the greenhouse where the plants were produced as the plants from the 4 fields were grown in the same greenhouse.  <b>Information received from Greet GHEKIERE, Provinc. Centrum voor Land-en Tuinb. (Belgium).</b>
<b>GERMANY</b>	13/07/2001	20/07/2001	Letter	First outbreak of blue mould in Germany. Light intensity. Affected leaves removed. Treatment with Ridomil TK.  <b>Information received from Günter HECHLER, Geschäftsführer, Bundesverband Deutscher Tabakpflanzer (Germany).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 14 - 2001**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Dordogne <b>FRANCE</b>	18/07/2001	23/07/2001	Phone & Fax	<p>Systemic outbreak of blue mould on Burley BB16C variety – flowering stage. High sporulation on all stalk positions. 0,70 ha of 2 ha hillside crop affected. Affected plot destroyed.                      Prior to outbreak, erratic preventative treatment was carried out. Contamination suspected to have occurred beginning of June.</p> <p><b>Information received from Mrs. LENOIR, Union des Cooperatives Agricoles des Producteurs de Tabac (France).</b></p>
<b>BELGIUM</b>	Week 29	24/07/2001	E-mail	<p>Severe blue mould outbreak in CORESTA trial on varieties Bergerac C, Bel 61-10, Samsoun, NC 11-51 and ITB 261.                      Weather conditions conducive to blue mould outbreaks.</p> <p><b>Information received from Greet GHEKIERE, Provinc. Centrum voor Land-en Tuinb. (Belgium).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 15 - 2001**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Lublin District (near Zamość)  <b>POLAND</b>	16 - 24/07/2001	26/07/2001	Fax	Outbreak of blue mould observed in the fields near Zamość (Lublin District, eastern Poland) during the period 16 July (low intensity) to 24 July (severe intensity) on Burley TN 90 variety. Weather conditions favourable for development of pathogen. Bottom leaves of infected plants removed, and Ridomil Gold applied as soon as weather conditions permitted.  <b>Information received from Marek SZWAGRZYK, Central Laboratory of the Tobacco Industry, Kraków (Poland).</b>
Dziewięcioly, South Miechów  <b>POLAND</b>	26/07/2001	27/07/2001	E-mail	Outbreak of blue mould on dark, air-cured tobacco - Milenium variety - at bud stage. Four to five leaves per plant infected, 2–20 lesions per leaf. No preventative sprays done before blue mould infection. As plants almost at reaping stage, farmer advised to remove only infected leaves to improve ventilation.  <b>Information received from T. BIERUT, Universal Leaf Tobacco (Poland).</b>
Bas-Rhin (Wittisheim)  Bas-Rhin (Matzenheim)  <b>FRANCE</b>	26/07/2001	30/07/2001	Letter	Outbreak of blue mould on Golta variety – flowering stage. Crop grown on plain - entire 3,10 ha affected. Plants not destroyed.  Outbreak of blue mould on ITB 1000 and BB16B variety – flowering stage. Crop grown on plain - entire 3 ha affected (1,50 ha ITB 1000 and 1,50 ha BB16B). Plants not destroyed.  <b>Information received from Jean-Louis AMAN, Union des Cooperatives Agricoles des Producteurs de Tabac (France).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 16 - 2001**

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						
POLAND	See below.	31/07/2001	E-mail	See below.  Information received from T. BIERUT, Universal Leaf Tobacco (Poland).					
General information						Intensity of outbreak		Treatments	
Date of observation	Variety	Growing stage	Country	District	Region	No. of leaves with BM lesions	Average No. of lesions/leaf	Chemical treatment	Other
27/07/01	FCV/Wislica	bud stage	Poland	Lublin	east	1-2	1-4	Ridomil (02/07/01)	The farmer was advised to reap bottom leaves to improve ventilation

Ref.: 228

Paris, 2 August 2001



**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 17 - 2001**

CORESTA  
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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Virazeil FRANCE	31/07/2001	01/08/2001	Letter	<p>Outbreak of blue mould on ITB 30 variety – flowering stage. 1 ha of 4,5 ha valley crop affected. Medium to high sporulation observed on all stalk positions. Plants in affected plot to be destroyed. Prior to outbreak, crop treated twice with Acylon. Affected plot had not been treated for 3-4 weeks. Disease appeared following a thunderstorm. After destruction of affected plot, remaining crop will be treated with Maneb, followed by Acylon.</p> <p><b>Information received from Jean-Louis AMAN for T.G.A. Cooperative, Union des Cooperatives Agricoles des Producteurs de Tabac (France).</b></p>
Sceaux d'Anjou FRANCE	31/07/2001	02/08/2001	Letter	<p>Outbreak of blue mould on ITB 33024 variety – topping stage. 5 ha of 9,10 ha plateau crop affected. Some sporulation observed on all stalk positions. Plants covering 2 ha in affected plot destroyed. Further plants later destroyed due to stagnant water problem. Prior to outbreak, two Acylon treatments (21 day interval between treatments). Plot badly damaged due to abundant rain and remedial action impossible in the field.</p> <p><b>Information received from Jean-Louis AMAN for Loire Tabac Cooperative, Union des Cooperatives Agricoles des Producteurs de Tabac (France).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 18 - 2001**

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	
Village Póespetri HUNGARY	31/07/2001	07/08/2001	Fax	Outbreak of blue mould on top leaves of variety TN-86. 5-10% of 0,3 ha plot affected. Plot treated with Ridomil Gold 68-WP. Plot located in a low lying, enclosed area surrounded by a wood – ideal conditions for blue mould infection.  <b>Information received from Tibor FEKETE, Chief Agronomist, Universal Leaf Tobacco Hungary Ltd.</b>
Aveyron (Lugan) FRANCE	01/08/2001	07/08/2001	Letter	Outbreak of blue mould on ITB 31612 variety – flowering stage. 0,65 ha of 0.85 ha hillside crop affected. Little to no sporulation observed on all stalk positions. Plants in affected plot not destroyed. Crop treated three times prior to outbreak, but interval between second and third treatments considered to have been too long. Fourth treatment to be done within 10 days following outbreak. Plot very steep, near a lake and grown under very humid conditions. Rains in July made field operations very difficult.  <b>Information received from Jean-Louis AMAN for Lot &amp; Aveyron Cooperative, Union des Cooperatives Agricoles des Producteurs de Tabac (France).</b>
Schleswig Holstein (near Hamburg) GERMANY	01/08/2001	07/08/2001	E-mail	Severe outbreak of blue mould on Golta variety. Infected plants destroyed. Tobacco fields in the region treated with Ridomil TK.  <b>Information received from N. BILLENKAMP, Landesanstalt für Pflanzenbau Forchheim (Germany).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 01 - 2002**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Ryhan Abad, Lamrask and Tirtash, Northern Iran (Mazandaran Province)  IRAN	04/04/2002	08/04/2002	E-mail	Outbreak of blue mould with high sporulation in seedbeds of variety Basma 178-2. Treatment with Ridomil MZ.  <b>Information received from R.A. MAHTABI, Tobacco Research Institute – Tirtash (Iran).</b>

Ref.: **089**

Paris, 8 April 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 02 - 2002**

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	
Ouezzane MOROCCO	25/03/2002	12/04/2002	Fax	First outbreak of blue mould at the Crop Control Centre of Ouezzane, in seedbeds of dark tobacco, variety B 47, at the 4 to 5 leaf stage.  <b>Information received from H. SENHADJI and A. GUEDIRA, Régie des Tabacs (Morocco).</b>

Ref.: **099**

Paris, 12 April 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 03 - 2002**

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	
Ghorogh (Golestan Province)  Northern IRAN	11/04/2002	15/04/2002	E-mail	Outbreak of blue mould with high sporulation in seedbeds of variety Coker 347. Treatment with Ridomil MZ.  <b>Information received from R.A. MAHTABI, Tobacco Research Institute – Tirtash (Iran).</b>

Ref.: 107

Paris, 19 April 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 04 - 2002**

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	
Tabarka, Fernana and Sejenane Provinces  Northern TUNISIA	18/05/2002	24/05/2002	Fax	Light, localised outbreaks of blue mould on lower leaves of early planted dark air-cured tobacco (5 – 6 leaf stage). Treatment with Ridomil MZ 58.  <b>Information received from Hamadi YAHIAOUL, Régie Nationale des Tabacs et Allumettes – Tunis (Tunisia).</b>

Ref.: 137

Paris, 27 May 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 05 - 2002**

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	
Marrakech (Haouz Region)  MOROCCO	14/05/2002	29/05/2002	Fax	First outbreak of blue mould at the Crop Control Centre of Marrakech, 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 (Morocco).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 06 - 2002**

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	
Forchheim GERMANY	May / June 2002	14/06/2002	E-mail	<p>First outbreak of blue mould on tobacco in the field at Forchheim. Further outbreaks subsequently reported at grower sites.</p> <p>Infected plants destroyed and tobacco treated with Ridomil TK. Situation now under control.</p> <p>It is believed that the blue mould infection originated from the seedlings in the seedbeds although no symptoms were apparent at transplanting. The seedlings had been treated twice with Ridomil TK at the four leaf stage and just prior to transplanting.</p> <p><b>Information received from Dr. N. BILLENKAMP, Landesanstalt Pflanzenbau Forchheim (Germany).</b></p>

Ref.: 165

Paris, 14 June 2002



**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 07 - 2002**

CORESTA  
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Site of outbreak		Date of observation	Information received		INFORMATION RECEIVED			
			on	by				
POLAND		See below.	19/06/2002	E-mail	See below. <b>Information received from Tomasz BIERUT, Universal Leaf Tobacco (Poland).</b>			
General information					Intensity of outbreak		Treatments	
Date of observation	Variety	Growing stage	Site	Region	No. of leaves with BM lesions	Average No. of lesions/leaf	Preventative treatments	Chemical treatment after BM infection
18/06/2002	Wislica	8 - 10 leaves	Nowy Dzikow	Lezajsk	1 - 2	8	None	Ridomil Gold

Ref.: 171

Paris, 19 June 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 08 - 2002**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED				
		on	by					
POLAND	See below.	21/06/2002	E-mail	See below.  <b>Information received from Tomasz BIERUT, Universal Leaf Tobacco (Poland).</b>				
General information								
Intensity of outbreak								
Treatments								
Date of observation	Variety	Growing stage	Site	Region	No. of leaves with BM lesions	Average No. of lesions/leaf	Preventative treatments	Chemical treatment after BM infection
19/06/2002 19/06/2002	Milenium (dark air cured)	4-6 leaves 6-8 leaves	Marcin-kowice	Kazimierza Wlk	1-2 1-2	4 5	None None	Ridomil Gold Ridomil Gold

**Observation:** total plot area 1 ha, % infected 10%

Ref.: 179

Paris, 24 June 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 09 - 2002**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED				
		on	by					
MOROCCO	See below.	28/06/2002	FAX	See below.  Information received from Régie des Tabacs, Casablanca, Morocco				
General information								
Intensity of outbreak								
Treatments								
Date of observ.	Variety	Growing stage	Site	Region	No. of leaves with BM lesions	Average No. of lesions/leaf	Preventative treatments	Chemical treatment after BM infection
2 May 02 6 May 02	Burley B23 FCV SG28	8-10 leaves 6 leaves	Ain Cheggag Bittit	Fes El Hajeb	- -	traces		

Ref.: 181

Paris, 1 July 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 10 - 2002**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Nordhouse (Alsace) FRANCE	02 JULY 02	4 JULY 02	E-mail	First reported outbreak in France. Spots with some sporulation at growing stage affecting 0.30 ha. Climatic conditions conducive to blue mould. No systemic symptoms.  <b>Information received from the Cooperatives' Union</b>

Ref.: 184

Paris, 5 July 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 11 - 2002**

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Site of outbreak		Date of observation	Information received		INFORMATION RECEIVED			
			on	by				
POLAND		See below.	15/07/2002	E-mail	See below.  Information received from Tomasz BIERUT, Universal Leaf Tobacco (Poland).			
General information					Intensity of outbreak		Treatments	
Date of observation	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
08/07/2002	Wislica	10 leaves	Obsza	Lublin	1 - 4	4	18/06 Pencozeb 02/07 Ridomil Gold	Removal of infected bottom leaves

**Total plot area :** 1 ha

**% infected :** 10%

**Estimated yield loss :** ca. 300 kg

Ref.: 212

Paris, 16 July 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 12 - 2002**

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			
Several sites along Rhine Valley in Baden Württemberg and Rhineland Palatinate GERMANY		-	17/07/2002	E-mail	Severe blue mould outbreaks in the field. Treatment with Metalaxyl appears to be ineffective, as the blue mould infections were brought under control only after the subsequent use of Dimethomorph.  <b>Information received from Dr. N. BILLENKAMP, Landesanstalt Pflanzenbau Forchheim (Germany).</b>		
AUSTRIA		17/07/2002	19/07/2002	E-mail	See below.  <b>Information received from Gottfried BESENHOFER, LWVIE (Austria).</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	Chemical treatment after BM infection
Burley	12 - 14 leaves	Sebersdorf	Styria (south-east Austria)	2 - 4	2 - 3	27/06: Ridomil MZ 72 WP (Mancozeb + Metalaxyl)	17/07: Ridomil MZ 72 WP (Mancozeb + Metalaxyl)
<b>Total plot area : 0,5 ha ; % infected : 10% ; Estimated yield loss : ca. 100 - 150 kg</b>							

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 13 - 2002**

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	
Alsace Region FRANCE	19/07/2002	22/07/2002	E-mail	<p>Numerous reports of outbreaks of blue mould have been reported by the AlsaTabac Cooperative in most of the Alsace region, except in the north of the Bas-Rhin department.</p> <p>One plot has already been destroyed, and further plots will similarly be destroyed in the near future.</p> <p>Towards the end of June and beginning of July, climatic conditions were particularly favourable for the outbreak of blue mould – humid weather conducive to rapid tobacco growth.</p> <p><b>Information received from J-L. AMAN, UCAPT/France Tabac (France).</b></p>

Ref.: 217

Paris, 24 July 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 14 - 2002**

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	
Several sites along Rhine Valley in Baden Württemberg and Rhineland Palatinate, Bavaria GERMANY	-	26/07/2002	E-mail	Blue mould outbreaks in the field. Treatment with metalaxyl and dimethomorph. Further plots will be partly destroyed in the near future.  <b>Information received from Günther HECHLER, Bundesverband deutscher Tabakpflanzer e.V. (Germany).</b>
North of Umbria (Santo Stefano) ITALY	24/07/2002	29/07/2002	E-mail	Outbreak of blue mould on flue-cured varieties ITB 609, K394 and K326. Treatment with Ridomil Gold on 25 July. Situation under control.  <b>Information received from Fattoria Autonoma Tabacchi Soc. Coop. a.r.l. (Italy)</b>

Ref.: 220

Paris, 30 July 2002



**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 15 - 2002**

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	
Aiguillon (Aquitaine)  FRANCE	07/08/2002	08/08/2002	Post	Systemic outbreak of blue mould on the lower leaves of burley variety ITB 501 at topping stage. Three treatments with Acylon carried out before the outbreak.
Le Poir / Vic (Pays de la Loire)  FRANCE	07/08/2002	09/08/2002	Post	Blue mould outbreak on lower leaves of burley variety ITB 501 at topping stage. Two treatments with Acylon prior to outbreak. Affected plot destroyed (0,15 ha).
<b>Information received from J-L. AMAN, UCAPT/France Tabac (France).</b>				

Ref.: 231

Paris, 12 August 2002

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 16 - 2002**

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	
Castels (Aquitaine)  FRANCE	08/08/2002	20/08/2002	E-mail	Non-systemic blue mould outbreak with sporulation on burley variety ITB 501 at flowering stage, on leaf levels X, C and B. 0,99 ha plot completely infected.
Bruch (Aquitaine)  FRANCE	16/08/2002	20/08/2002	E-mail	Blue mould outbreak with much sporulation on burley variety TN 90 at topping stage. All leaf levels affected. Plot destroyed.
Sainte Colombe (Aquitaine)  FRANCE	16/08/2002	20/08/2002	E-mail	Non-systemic outbreak of blue mould, with little sporulation, on burley variety ITB 221. Budding stage. Only a small section of the plot was affected.
St Pompont (Aquitaine)  FRANCE	19/08/2002	20/08/2002	E-mail	Blue mould outbreak with high sporulation on all leaf levels of burley variety BB16A, after topping. Infected section of plot destroyed (0.20 ha).
<b>Information received from Cathy CHEYRON, Service Achat, France Tabac (France).</b>				

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 17 - 2002**

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	
Doudrac (Aquitaine)  FRANCE	20/08/2002	26/08/2002	E-mail	Blue mould outbreak on burley variety BB16A.  <b>Information received from Cathy CHEYRON, Service Achat, France Tabac (France).</b>

Ref.: 240

Paris, 30 August 2002

**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**

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	
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**

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	
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**

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	
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**

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	
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**

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	
Lower Saxony Northwest GERMANY	19/06/2003	20/06/2003	E-mail	<p>Outbreak of blue mould in the field. 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). 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**

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	
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**

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	
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**

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				
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**

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	
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**

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	
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**

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	
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**

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	
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**

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	
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**

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				
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

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 01 - 2004**

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	
Kélibia Region (northeast)  and  Gabès Region (southeast)  TUNISIA	11/03/2004	23/03/2004	Fax	<p><b>Kélibia</b> - Light, localised outbreak in seedbeds on seedlings at transplanting stage. Dark air-cured tobacco variety 8-4/7-2 affected.</p> <p><b>Gabès</b> – Light, localised outbreak on field tobacco (10 leaf stage). Snuff tobacco variety Souffi Gabès affected.</p> <p>Climatic conditions favourable to blue mould. Treatment with Ridomil MZ 58.</p> <p><b>Information received from Hamadi YAHIAOUL, Régie Nationale des Tabacs et Allumettes – Tunis (Tunisia).</b></p>

Ref.: **058**

Paris, 25 March 2004

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 02 - 2004**

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	
Gorgan Ghorogh Golestan Province  and Neka Chalemardy Mazandaran Province  Northern IRAN	18/04/2004  21/04/2004	29/04/2004	E-mail	Outbreak in seedbeds on Virginia tobacco seedlings at transplanting stage. Symptoms – chlorotic spots with medium sporulation. Treatment with Metalaxyl-Mancozeb.  <b>Information received from R.A. MAHTABI, Tirtash Tobacco Research Institute – Behshahr (Iran).</b>

Ref.: 093

Paris, 29 April 2004

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 03 - 2004**

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 Region (north) and Gabès Region (southeast)  TUNISIA	20/04/2004	13/05/2004	Fax	<p><b>Sejenane</b> – Medium to serious outbreak on young plants (4 leaf stage). Local dark air-cured tobacco variety 8-4/7-2 affected.</p> <p><b>Gabès</b> – Serious outbreak on field tobacco (10-12 leaf stage). Local snuff tobacco variety Souffi Gabès affected.</p> <p>Climatic conditions very favourable to blue mould. Treatment with Ridomil MZ 58 (metalaxyl).</p> <p><b>Information received from Mohamed Ben N'Oh, Régie Nationale des Tabacs et Allumettes – Tunis (Tunisia).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 04 - 2004**

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	
Tirtash IRAN	06/05/2004 and 08/05/2004	20/05/2004	E-mail	Outbreak of blue mould in seedbeds on seedlings at transplanting stage. Variety Bergerac C – systemic symptoms with deformation of veins. Variety Burley 21 – chlorotic spots with medium sporulation.  Treatment with Metalaxyl mancozeb.  <b>Information received from R.A. MAHTABI, Tirtash Tobacco Research Institute (Iran).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 05 - 2004**

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	
Asenovgrad (near Plovdiv)  BULGARIA	18/06/2004	18/06/2004	E-mail	First outbreak of blue mould on tobacco in the field (4-6 leaf stage). 5 ha of Virginia 454 variety affected - chlorotic spots with high sporulation.  Climatic conditions very favourable to blue mould. Treatment with Metalaxyl mancozeb.  <b>Information received from Dr H. BOZUKOV, Tobacco and Tobacco Products Institute, Plovdiv (Bulgaria).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 06 - 2004**

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	
Forchheim Institute GERMANY	07/07/2004	08/07/2004	E-mail	<p>Very light outbreak of blue mould on tobacco in the field. A few flue-cured tobacco breeding lines and one burley tobacco breeding line showed blue mould symptoms on one leaf each (a few spots sporulated).</p> <p>The affected leaves were removed and the tobacco was treated with Forum (15% Dimethomorph).</p> <p><b>Information received from Dr. N. BILLENKAMP, Landesanstalt für Pflanzenbau Forchheim, Rheinstetten (Germany).</b></p>



**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 07 - 2004**

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	
Kazimierza Wielka, Proszowice  Southern regions of POLAND	07/07/2004	12/07/2004	E-mail	<p>Infection reported from 3 fields in the southern part of Poland (information received from Henryk Nocoń, Philip Morris Polska). 8% out of 5 hec. infected (10 leaves on a plant with 10 spots on each leaf in average). Variety TN 86.</p> <p>The affected leaves were removed and the tobacco was treated with Ridomil Gold MZ 68 WG.</p> <p><b>Information received from Tomasz BIERUT, Universal Leaf Tobacco (Poland).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 08 - 2004**

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	
Switzerland	19/07/2004	20/07/2004	E-mail	<p>Blue mould outbreak on Burley var. BS93. Tobacco plants are approx. 1,50 m high, harvesting of bottom leaves in course. Plot treated with Ridomil Gold, and a new treatment scheduled after a couple of days. A warning to all Swiss producers has been sent out.</p> <p>Information received from Peter FREI, RAC Changins.</p>

Ref.: 177

Paris, 20 July 2004

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 09 - 2004**

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	
Obsza; South – East, Poland	20/07/2004	21/07/2004	fax	<p>3 leaves on a plant with 3 lesions on each leaf in average. Variety Wislica. Ridomil Gold MZ 68 WG was used as a preventive spray on 7<sup>th</sup> July. The affected leaves have been removed.</p> <p>3 leaves in average have been reaped to improve ventilation.</p> <p>Information received from Tomasz Bierut, Universal Leaf Tobacco Poland, Poland.</p>
Ichtratzheim (Eastern France)	20/7/2004	20/7/2004		<p>Outbreak of blue mould on a plot of 2 ha of ITB501 (Burley) at blossoming stage, under climatic conditions very conducive to blue mould.</p> <p>Treatment: 3 x Bion MX + 1 Maneb</p>
Saint Gelais (Western France)	20/7/2004	21/7/2004		<p>Outbreak of blue mould on a plot of 1 ha of ITB33024 (Virginia) at blossoming stage, under climatic conditions very conducive to blue mould. A few spots on lower stalk leaves.</p> <p>Treatment: Bion MX</p> <p>Information on France received from J.L. Aman, France-Tabac, Sarlat</p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 10 - 2004**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Rheinland-Pfalz (Western Germany)	21/07/2004	26/07/2004	Fax	<p>Light outbreak of blue mould on the field (var. Burley B901). A few sporulations. Affected leaves removed then tobacco treated with Forum (dimetomorph).</p> <p><b>Information received from the German Growers Association</b></p>
Roppenheim (Eastern France)	22/07/2004	27/07/2004	e-mail	<p>Blue mould outbreak on a farm growing 4.50 ha of tobacco. Only 0.02 ha affected. Virginia varieties ITB 33024 and ITB 620 at blossoming stage. A few scattered spots with sporulation on lower stalk positions. Preventive treatment with maneb and Bion MX, then curative treatment when disease occurred.</p> <p><b>Information received from from J.L. Aman, France-Tabac, Sarlat</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 11 - 2004**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Puch (Lot et Garonne)  Western FRANCE	29/07/2004	30/07/2004	E-mail	<p>Blue mould outbreak on farm growing 0.98 ha of tobacco. 0.15 ha of burley variety BB16C at topping stage affected – a few spots on the lower stalk positions.</p> <p>Preventative treatment carried out with Bion MX. Pennebe used as curative treatment after outbreak.</p> <p>Conditions favourable to blue mould – hot, humid weather and tobacco field situated in poorly ventilated area.</p> <p><b>Information received from J.L. AMAN, France-Tabac, Sarlat (France).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 12 - 2004**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Schleswig Holstein Northern GERMANY	28/07/2004	02/08/2004	E-mail	Blue mould outbreak on flue-cured tobacco variety Golta, just before flowering stage.  Affected leaves removed and tobacco treated with Forum (15% Dimethomorph).  <b>Information received from Dr. N. BILLENKAMP, Landesanstalt für Pflanzenbau Forchheim, Rheinstetten (Germany).</b>
Rheinland-Palatinate Southern GERMANY	03/08/2004	03/08/2004	Fax	Light outbreak of blue mould on approximately 10 m <sup>2</sup> of field tobacco - burley variety B901.  Affected leaves removed and tobacco treated with Forum (Dimethomorph).  <b>Information received from Bundesverband Deutscher Tabakpflanzer, Speyer (Germany).</b>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 13 - 2004**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
St. Médard d'Aunis (Charente-Maritime)  Western FRANCE	02/08/2004	05/08/2004	E-mail	<p>Non-systemic outbreak of blue mould on Virginia tobacco variety ITB33024. Plants at blooming stage. Sporulation on all stalk positions.</p> <p>Plants on affected plot (1.7 ha) were destroyed.</p> <p>Conditions favourable to blue mould – high humidity.</p> <p><b>Information received from C. CHEYRON, Service Achat, France-Tabac, Sarlat (France).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 14 - 2004**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Bouillac (Dordogne)  Western FRANCE	29/08/2004	02/09/2004	E-mail	<p>Non-systemic outbreak of blue mould on 0.45 ha of Burley tobacco variety BB16A. Plants at post-topping stage. Sporulation on entire plant (light sporulation on the upper stalk positions and intense sporulation on the lower stalk positions).</p> <p>Plants not destroyed.</p> <p><b>Information received from C. CHEYRON, Service Achat, France-Tabac, Sarlat (France).</b></p>



**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 15 - 2004**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
Tonneins (Lot-et-Garonne)  Western FRANCE	02/09/2004	07/09/2004	E-mail	<p>Outbreak of blue mould on Burley tobacco variety ITB 221. Area of 0.20 ha affected on plot of 2.51 ha.</p> <p>Plants at blooming stage. Some sporulation on the lower stalk positions (X + C). Tobacco grown in a west facing zone shaded by plane trees.</p> <p>Plants in affected area destroyed.</p> <p><b>Information received from C. CHEYRON, Service Achats, France-Tabac, Sarlat (France).</b></p>

**CORESTA BLUE MOULD WARNING SERVICE - WARNING N° 16 - 2004**

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Site of outbreak	Date of observation	Information received		INFORMATION RECEIVED
		on	by	
St Laurent Lohmie (Lot) Western France	07/09/2004	09/09/2004	E-mail	Non systemic outbreak of blue mould on 0.47 ha of Burley tobacco variety ITB 501. Plants at post topping stage. Sporulation on lower stalk positions. Late planted tobacco sown after storm, irregular growth. Plants not destroyed.
Le Poire sur Vie (Vendée) Western FRANCE	09/09/2004	10/09/2004	E-mail	Systemic outbreak of blue mould on 0.15 ha of Burley tobacco variety ITB 501 approximately three weeks ago. Tobacco at harvesting stage. Sporulation on entire plant, but especially on the upper stalk positions. Plot destroyed.
Fauillet (Lot-et-Garonne) Western FRANCE	14/09/2004	14/09/2004	E-mail	Non systemic outbreak of blue mould on 0.40 ha of Burley tobacco variety ITB 501. Tobacco at harvesting stage. Intense sporulation on lower stalk positions. Plot situated in valley shaded by poplar trees. Affected plants destroyed.  <b>Information received from C. CHEYRON, Service Achats, France-Tabac, Sarlat (France).</b>
Buix (Jura canton) SWITZERLAND	13/09/2004	14/09/2004	E-mail	Outbreak of blue mould on approx. five plants – Burley tobacco variety 92. A few spots detected, start of sporulation. Affected plants destroyed – plot to be destroyed at the end of the week.  <b>Information received from Peter FREI, RAC Changins, Switzerland.</b>