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**INTERNATIONAL UNION FOR THE PROTECTION OF NEW VARIETIES OF PLANTS**

GENEVA

**TECHNICAL COMMITTEE**

**Twenty-Second Session  
Geneva, November 20 and 21, 1986**

**LIST OF RESISTANCE GENES IN SPRING BARLEY VARIETIES**

prepared by the Danish experts in the  
Technical Working Party for Agricultural Crops

At the request of the Technical Working Party for Agricultural Crops a list of resistance genes in spring barley varieties is prepared by the experts from Denmark.

It is proposed to the Technical Committee that this list should serve two purposes:

- a. Utilization of the results in cases where disease resistance is used for Distinctness-, Homogeneity- and Stability.
- b. Distribution as a source of information for scientists in universities and other institutes or for breeders at the national level.

The annex'es to this document contain the different explanations and the list of powdery mildew resistance genes in spring barley varieties.

[Annex I follows]

ANNEX IEXPLANATIONS TO POWDERY MILDEW (*Erysiphe graminis*) RESISTANCE GENES IN  
SPRING BARLEY VARIETIES

RESISTANCE	GENE (S)
Abessinian	M1-(AB)
Algerian	M1-a
Arabische	M1-a12
H. Laevigatum	M1-v
H. Spontaneum	M1-a6, M1-a14
Long Glumes	M1-a7, M1-(LG)
Lyallpur	M1-a7, M1-k
Monte Christo	M1-a9, M1-k
Multan	M1-a7, M1-(Mu)
Ricardo	M1-a3
Ruppee	M1-a13
Weihenstephan	M1-g, M1-(CP)
-	M1-o

[Annex II follows]

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ANNEX IILIST OF POWDERY MILDEW (*Erysiphe graminis*) RESISTANCE GENES IN SPRING  
BARLEY VARIETIES - 1986

Variety Denomination	Gene(s)	Variety Denomination	Gene(s)
Akka .....	M1-a9, M1-k	Galant .....	M1-a7, M1-(Ab)
Akta .....	M1-a7	Georgie .....	M1-v, M1-g, M1-(CP)
Albert .....	M1-a9, M1-g	Goldmarker ....	M1-a6, M1-v
Alis .....	M1-a12, M1-v	Goldspear .....	M1-a6, M1-v
Alva .....	M1-v	Golf .....	M1-v, M1-g, M1-(CP)
Annika .....	M1-a13, M1-g	Gorm .....	M1-v
Apex .....	M1-o, M1-g	Grit .....	M1-a12
Aramir .....	M1-a12, M1-g, M1-(CP)	Gula .....	M1-a12, M1-g
Ark Royal ....	M1-a7, M1-k	Gunhild .....	M1-a, M1-g
Atem .....	M1-o, M1-v	Harry .....	M1-a9, M1-g
Athos .....	M1-a12, M1-g, M1-(CP)	Hassan .....	M1-a12
Auto .....	M1-a6, M1-k, M1-v	Havila .....	M1-v, M1-g
Bacchus .....	M1-a6	Heriot .....	M1-(Ab)
Benedicte ....	M1-a9	Hockey .....	M1-a12, M1-v, M1-(CP)
Bente .....	M1-a7	Hora .....	M1-a12
Birka .....	M1-a9, M1-k	Hulda .....	M1-a7, M1-k
Caja .....	M1-a, M1-v	Ida .....	M1-9, M1-k, M1-g
Camelot .....	M1-a9	Inga .....	M1-a12, M1-v
Cameo .....	M1-a9, M1-v	Irania .....	M1-a12
Camir .....	M1-a12	Jarl .....	M1-v
Candice .....	M1-v, M1-g, M1-(CP)	Jenny .....	M1-a13
Canor .....	M1-a7	Jonna .....	M1-a7, M1-k, M1-v
Carnival .....	M1-a6	Jubi .....	M1-v, M1-(CP)
Catrin .....	M1-a7	Kajsa .....	M1-a9, M1-k
Celt .....	M1-a	Keti .....	M1-a13
Cerise .....	M1-v, M1-g, M1-(CP)	Kingpin .....	M1-a12, M1-(Ab)
Claret .....	M1-a7, M1-k, M1-v	Klaxon .....	M1-a7, M1-k, M1-v
Corgi .....	M1-g, M1-(CP)	Koral .....	M1-a13, M1-v
Cornicke .....	M1-a12, M1-(Ab)	Koru .....	M1-v, M1-g, M1-(CP)
Daisy .....	M1-a12	Kustaa .....	M1-a9
Dawn .....	M1-a7, M1-k, M1-v	Kym .....	M1-a9, M1-v, M1-g, M1-(CP)
Deacon .....	M1-a12	Lami .....	M1-v
Delta .....	M1-a	Leith .....	M1-a9, M1-g, M1-(CP)
Donan .....	M1-a7, M1-k	Lina .....	M1-a7, M1-(Mu), M1-v
Doublet .....	M1-a7, M1-v	Lofa .....	M1-v
Efron .....	M1-a9, M1-g, M1-(CP)	Luna .....	M1-a12
Egmont .....	M1-a12, M1-v	Magnum .....	M1-a13, M1-v
Escort .....	M1-a7, M1-k, M1-v	Matelot .....	M1-a
Europa .....	M1-a12, M1-g	Mazurka .....	M1-a7, M1-k, M1-g, M1-(CP)
Everest .....	M1-v, M1-(Ab)	Midas .....	M1-a6
Flare .....	M1-v, M1-g, M1-(CP)	Mikkel .....	M1-a7, M1-(LG), M1-v
Fleet .....	M1-a	Mogul .....	M1-a7, M1-k, M1-v
Flute .....	M1-a, M1-g, M1-(CP)	Mona .....	M1-a9, M1-k
Frida .....	M1-a12	Mosane .....	M1-g, M1-(CP)

Variety Denomination	Gene(s)
Nairn .....	M1-a12, M1-g, M1-(CP)
Natasha .....	M1-a12, M1-(Ab)
Nery .....	M1-v
Nordal .....	M1-a7, M1-k
Nudinka .....	M1-a12
Odin .....	M1-a7, M1-(LG)
Pamina .....	M1-a9, M1-g
Patrik .....	M1-a12
Patty .....	M1-a12, M1-g, M1-(CP)
Piccolo .....	M1-a12, M1-g, M1-(CP)
Porter .....	M1-a7
Prisca .....	M1-a9, M1-k
Regatta .....	M1-a, M1-k, M1-v
Regent .....	M1-a12, M1-v, M1-g, M1-(CP)
Robert .....	M1-a7, M1-k, M1-v
Roland .....	M1-a9
Romi .....	M1-a13
Semira .....	M1-a7, M1-v
Sewa .....	M1-a3
Simba .....	M1-v
Taarn .....	M1-a13
Tasman .....	M1-a7, M1-(Ab)
Tavern .....	M1-a, M1-(Ab)
Tellus .....	M1-g
Tennis .....	M1-a7, M1-k, M1-v
Themis .....	M1-a12, M1-g, M1-(CP)
Toga .....	M1-a9
Torkel .....	M1-a9, M1-k
Triumph (Triumph) ...	M1-a7, M1-(Ab)
Troja .....	M1-a9
Tweed .....	M1-a9, M1-g, M1-(CP)
Tyra .....	M1-a
Vega .....	M1-v
Vista .....	M1-a, M1-v
Welam .....	M1-a9
Zephyr .....	M1-g, M1-(CP)

[End of Annex II and of document]