



## Tomato variety range

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Dear Customer,

We are pleased to present to you Rijk Zwaan's international tomato assortment.

In this catalogue you will find an overview of our tomato varieties suitable for 'high tech' growing conditions. For each variety we describe the crop type; general fruit and plant characteristics; flavour and resistances.

Our dedicated team of breeders continuously develop an ever expanding range of innovative varieties in all segments.

All the varieties in this catalogue can be assessed at our Trial Center Tomato in Kwintsheul, where we collect a wide range of data under the latest growing conditions to support your variety choice.

For more detailed information and custom variety advice, we recommend you to contact one of our international crop specialists as listed. We hope to welcome you soon in our Trial Center Tomato.

Rijk Zwaan wishes you a successful crop and a rich harvest.

Crop team tomatoes  
Rijk Zwaan



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## Resistance definitions

TSWV	Tomato spotted wilt virus
ToMV:0-2	Tomato mosaic virus, resistance to strains 0,1,2
TYLCV	Tomato yellow leaf curl virus
Ff:A-E	Fulvia fulva (ex cladosporium fulvum) (leaf blotch disease)
Fol:0,1	Fusarium (wilting disease)
For	Fusarium (foot rot)
On (ex Ol)	powdery mildew
Sbl	Stemphylium botryosum f. sp. lycopersici
Pl	Pyrenochaeta lycopersici (corky root)
Vd:0	Verticillium dahliae, resp dahliae (wilting disease)
Va:0	Verticillium (wilting disease), resp. albo atrum (wilting disease)
Lt	Leveillula taurica
Mi	Root knot nematode, Meloidogyne incognita
Mj	Root knot nematode, Meloidogyne arenaria
Ma	Root knot nematode, Meloidogyne javanica
HR	High resistance
IR	Intermediate resistance



## Specialties

Last season we added to our specialty range Santa-type variety Confetto RZ and mini San Marzano variety 72-154 RZ. Both varieties are characterised by an excellent flavour and unusual shape which has ensured them a highly distinctive position within the tomato market.

### Confetto RZ (loose)

Segment	Santa type
Resistance	HR ToMV:0-2/Fol:0,1/Sbl
Average fruit weight	14 - 16 g
Vigour	generative
Crop type	long crop with open character

### Confetto RZ (truss)

Segment	Santa type
Resistance	HR ToMV:0-2/Fol:0,1/Sbl
Average fruit weight	16 - 18 g
Vigour	generative
Crop type	long crop with open character

### 72-149 RZ

Segment	San Marzano
Resistance	HR ToMV:0-2/Ff:A-E/For/Va:0/Vd:0/Si IR Ma/Mi/Mj
Average fruit weight	80 g
Vigour	normal to dense crop
Crop type	generative with pendulous leaves
Comments	for loose and truss; high water and calcium requirement

### 72-154 RZ

Segment	mini San Marzano
Resistance	HR ToMV:0-2 IR Ma/Mi/Mj
Average fruit weight	16 - 18 g
Vigour	normal
Crop type	generative with pendulous leaves
Comments	may be tried as truss tomato



## Plum

In the 'plum tomatoes' segment we have a number of flavourful and productive varieties, with fruit weights varying from 10 to 40 g. Variety Solarino RZ stands out even more, thanks to its uniformity.

### Solarino RZ (72-150 RZ)

Segment	mini plum, loose
Resistance	HR ToMV:0-2/Fol:0,1/Sbl IR Ma/Mi/Mj
Average fruit weight	10 g
Vigour	generative
Crop type	long crop with open character

### Tovale RZ

Segment	midi plum, truss
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/Vd:0/Si IR Ma/Mi/Mj
Average fruit weight	30 - 40 g
Vigour	generative
Crop type	long, slightly thin crop
Comments	strong against silvering, high water requirement and high lycopene content

### 72-155 RZ

Segment	midi plum, truss
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/Vd:0/Si IR On (ex Ol)/Ma/Mi/Mj
Average fruit weight	35 - 40 g
Vigour	generative
Crop type	shorter, open crop; regular truss

### 72-156 RZ

Segment	midi plum, truss
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Si IR Ma/Mi/Mj
Average fruit weight	35 - 40 g
Vigour	strongly generative
Crop type	longer crop, stronger continued growth



## Cherry, loose

In the 'cherry, loose' segment, Sassari RZ proves itself large-scale; its stand-out traits are its strongly generative crop and the large number of split trusses. Not only that, the tip fruits also develop fully and the flavour is excellent.

### Cheramy RZ

Segment	cherry, loose
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/Va:0/Vd:0/Si IR Ma/Mi/Mj
Average fruit weight	14 g
Vigour	vegetative
Crop type	long, open crop with a fair number of split trusses; good development of the tip fruits

### Sassari RZ

Segment	cherry, loose
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/Vd:0/Si IR Ma/Mi/Mj
Average fruit weight	14 - 16 g
Vigour	strongly generative
Crop type	long crop with a fair number of split trusses
Comments	strong against 'leaking' fruits

### 72-142 RZ

Segment	cherry, loose
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/Va:0/Vd:0/Si
Average fruit weight	16 g
Vigour	strong
Crop type	sturdy crop, a fair number of split trusses, good development of the tip fruits



## Cherry, truss

A good colour, an excellent flavour and a great truss structure. Those are the core values of Tastery RZ. The variety is strongly generative and gives beautifully developed trusses. Last but not least, Tastery is strong against split fruits and yellow stems.

### Tastery RZ

Segment	cherry, truss
Resistance	HR ToMV:0-2/TSWV/TYLCV/Ff:A-E/ Fol:0,1/Va:0/Vd:0/Si IR Ma/Mi/Mj
Average fruit weight	18 - 20 g
Vigour	strongly generative, strong vigour
Crop type	strong, open crop
Comments	fully developing trusses, very strong against splitting



## Cocktail

The average fruit weight of our cocktail tomatoes ranges from 25 to 55 g. All our varieties have a good flavour, look superb and are now well and truly established in the cocktail segment.

### Amoroso RZ

Segment	cocktail
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/ Vd:0/Si IR On (ex Ol)/Ma/Mi/Mj
Average fruit weight	35 - 45 g
Vigour	strongly vegetative
Crop type	short, fairly heavy crop with nice, short trusses
Comments	sweet taste, nice flat trusses, ideal for retail packs

### Brioso RZ

Segment	cocktail
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/ Vd:0/Si IR On (ex Ol)
Average fruit weight	35 - 45 g
Vigour	strongly generative with adequate speed
Crop type	open crop
Comments	flat trusses, fruits are of the green-shoulder type, high lycopene content, high total yield, suitable for lit cultivation

### Delioso RZ

Segment	cocktail
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/ Vd:0/Si IR On (ex Ol)/Ma/Mi/Mj
Average fruit weight	35 - 45 g
Vigour	vegetative
Crop type	open crop with horizontal leaf position
Comments	sweet taste, high lycopene content; given generative steering it is suitable for lit cultivation

### Imperoso RZ (72-146 RZ)

Segment	cocktail
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/ Vd:0 IR On (ex Ol)/Ma/Mi/Mj
Average fruit weight	25 - 35 g
Vigour	generative
Crop type	open crop
Comments	sweet taste, noted for its plentiful truss initiation

### 72-144 RZ

Segment	cocktail
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/ Vd:0/Si IR On (ex Ol)/Ma/Mi/Mj
Average fruit weight	45 - 55 g
Vigour	strongly generative
Crop type	fairly heavy crop
Comments	nice, flat trusses and a good flavour



## Loose

The 'medium' tomato segment is constantly being enriched with new varieties. Besides Arvento RZ and Elanto RZ – which have more than proved themselves already in practice – we once again present a number of newcomers this season. There is something for everyone, from small to large, but one thing they all have in common at Rijk Zwaan: an excellent flavour.

### Arvento RZ

Segment	intermediate type, loose, medium
Resistance	HR ToMV:0-2/TSWV/Ff:A-E/Fol:0,1/For/Sbl/Va:0/Vd:0/Si IR On (ex Ol)
Average fruit weight	95 - 105 g
Vigour	vegetative
Crop type	normal length with a nice open habit
Comments	trusses often have 8/9 fruits, strong against silvering

### Dometica RZ

Segment	round
Resistance	HR ToMV:0-2/TSWV/Ff:A-E/Fol:0,1/For/Va:0/Vd:0/Si IR On (ex Ol)
Average fruit weight	80 g
Vigour	generative
Crop type	long, open crop with raised leaves
Comments	a more classic variety

### Elanto RZ

Segment	intermediate type, loose, medium
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Sbl/Va:0/Vd:0/Si IR On (ex Ol)
Average fruit weight	95 - 105 g
Vigour	strongly generative
Crop type	long crop with an open and generative habit
Comments	excellent flavour, trusses with 8/9 fruits, strong against silvering

### 72-383 RZ

Segment	intermediate type, loose, medium
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Sbl/Va:0/Vd:0/Si IR On (ex Ol)
Average fruit weight	95 - 105 g
Vigour	normal-generative
Crop type	normal crop length with sturdy leaves
Comments	excellent shape and sturdiness, productive, strong against silvering

### 72-384 RZ

Segment	intermediate type, loose, medium
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/Vd:0/Si IR On (ex Ol)
Average fruit weight	95 - 100 g
Vigour	strongly generative
Crop type	long, open crop with sturdy leaves
Comments	productive, strong against silvering

### 72-386 RZ

Segment	intermediate type, loose, small/medium
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Lt/Va:0/Vd:0 IR On (ex Ol)
Average fruit weight	85 - 90 g
Vigour	strongly generative
Crop type	long, open crop with horizontal leaf position
Comments	very firm fruits and strong against micro-cracking

### 72-387 RZ

Segment	intermediate type, loose, medium
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Sbl/Va:0/Vd:0/Si IR On (ex Ol)
Average fruit weight	95 - 105 g
Vigour	strongly generative
Crop type	long, open crop with slightly shorter leaves
Comments	nice truss structure with glossy, round fruits

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## Loose

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### 72-388 RZ

Segment	intermediate type, loose, medium
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/Vd:0/Si IR On (ex Ol)
Average fruit weight	105 - 115 g
Vigour	a touch vegetative
Crop type	long, slightly dense crop; sturdy leaves, slightly standing away from the stem
Comments	large and productive



Truss, small

Roterno RZ still remains a top variety in the smaller truss segment. The combination of a good flavour and visual appeal has made this variety into the success it has been for years. With its early production, Lyterno RZ makes a good addition. Not only does this variety have lovely flat trusses and a good flavour, it also has an extra high lycopene content.

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### Lyterno RZ

Segment	truss, small
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/Vd:0/Si IR On (ex Ol)
Average fruit weight	100 - 110 g (lit crops: 90 - 100 g)
Vigour	generative variety with strong vigour
Crop type	longer, neat and tidy crop
Comments	nice flat trusses, starts producing early, good flavour, high lycopene content, strong against silvering, suitable for the UK, suitable for lit cultivation given generative steering

### Roterno RZ

Segment	truss, small
Resistance	HR ToMV:0-2/TSWV/Ff:A-E/Fol:0,1/For/Va:0/Vd:0/Si IR On (ex Ol)/Ma/Mi/Mj
Average fruit weight	90 - 100 g (lit crops: 80 - 90 g)
Vigour	generative
Crop type	normal length with a fairly open habit and raised leaves
Comments	suitable for the UK, high lycopene content, strong against silvering, excellent flavour, suitable for lit cultivation

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### 72-385 RZ

Segment	truss, small
Resistance	HR: ToMV/Ff:1-5/Fol:0,1/For/On (ex Ol)/Sbl/Va/Vd/Si
Average fruit weight	85 - 90 gr
Vigour	vegetative
Crop type	long, robust crop
Comments	nice shape and colour, good flavour, strong against silvering





## Truss, medium

The Rijk Zwaan varieties in the 'truss, medium' segment combine flavour and a high production. These traits have gained top varieties like Mecano RZ and Cappricia RZ the trust of many growers, who also praise their quality and labour-friendliness. Newcomers in this segment are currently being trialled.

### Bonaparte RZ

Segment	truss, medium
Resistance	HR ToMV:0-2/TSWV/Ff:A-E/Fol:0,1/For/Va:0/Vd:0/Si
Average fruit weight	120 - 130 g
Vigour	vegetative variety with strong vigour
Crop type	normal length; denser crop with raised leaves
Comments	insusceptible to splitting, strong against silvering

### Cappricia RZ

Segment	truss, medium
Resistance	HR ToMV:0-2/TSWV/Ff:A-E/Fol:0,1/For/Sbl/Va:0/Vd:0/Si
Average fruit weight	110 - 130 g
Vigour	strong, generative, vigorous variety
Crop type	short variety with an open, neat and tidy crop
Comments	flat trusses, strong against splitting and silvering

### Mecano RZ

Segment	truss, medium
Resistance	HR ToMV:0-2/TSWV/Ff:A-E/Fol:0,1/For/Sbl/Va:0/Vd:0/Si
Average fruit weight	110 - 120 g
Vigour	generative
Crop type	short, strong crop with a nice, level leaf position
Comments	fruits are insusceptible to splitting, strong against silvering



## Truss, large

In the 'truss, large' segment, Endeavour RZ is the big newcomer. In quality as well as in production, this is a real top variety. Besides Endeavour, plenty of new, large varieties are currently being put through their paces in trials.

### Beaumonde RZ

Segment	truss, large
Resistance	HR: ToMV/Ff:1-5/Fol;0,1/For/Va/Wi
Average fruit weight	140 - 150 g
Vigour:	normal to generative
Crop type	long, open crop; nice, shorter leaves
Comments	strong green parts; strong against silvering

### Endeavour RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/Vd:0
Average fruit weight	140 - 160 g
Vigour	generatively strong
Crop type	long, open
Comments	sturdy trusses, sets easily, suitable for year-round, summer and lit cultivation

### Futuno RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Sbl/Va:0/Vd:0/Si
Average fruit weight	140 - 160 g
Vigour:	generative
Crop type	normal crop length; nice and open, neat and tidy crop structure
Comments	flat trusses with uniform, beautiful fruits; strong against silvering

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## Truss, large

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### Levanzo RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Sbl/ Va:0/Vd:0/Si
Average fruit weight	140 - 160 g
Vigour	strongly vegetative, vigorous variety
Crop type	normal crop length and neat and tidy crop
Comments	strong against splitting and silvering

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### 72-488 RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/ Va:0/Vd:0/Si
Average fruit weight	140 - 160 g
Vigour	generative
Crop type	normal openness
Comments	nice truss shape, glossy fruits; strong against silvering

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### 72-489 RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/ Vd:0/Si
Average fruit weight	150 - 170 g
Vigour	generative
Crop type	long, open crop
Comments	very productive, strong against silvering

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### 72-495 RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Sbl/ Va:0/Vd:0
Average fruit weight	150 g
Vigour	generatively strong
Crop type	long, sturdy, open crop
Comments	productive, strong green parts

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### 72-497 RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For
Average fruit weight	140 - 150 g
Vigour generative	generatively strong
Crop type	normal, open with slightly longer leaves
Comments	strong green parts and a nice fruit shape

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### 72-498 RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/ Va:0/Vd:0/Si
Average fruit weight	150 - 170 g
Vigour	generatively strong
Crop type	open
Comments	highly productive

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## Beef

Thanks to the combination of a high yield and excellent fruit qualities, Tomala RZ is currently an important newcomer in the 'small, beef' segment. The variety stands out in particular with its labour-friendliness, production and quality.

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### Tomala RZ (72-520 RZ)

Segment	beef, small
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Sbl/ Va:0/Vd:0 IR On (ex Ol)
Average fruit weight	150 - 180 g
Vigour	normal vigour
Crop type	normal openness
Comments	early and high production of good quality

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## Beef

### 72-528 RZ

Segment	beef, small
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/ Vd:0/Si IR On (ex Ol)
Average fruit weight	150 - 180 g
Vigour	generative
Crop type	long and open with slightly short leaves
Comments	good production; nice, oblate fruits

### 72-614 RZ

Segment	beef, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Sbl/ Va:0/Vd:0 IR On (ex Ol)
Average fruit weight	220-240 g
Vigour	vegetative strong
Crop type	long with good, big leaves
Comments	somewhat flat fruit, with a little rib

### 72-615 RZ

Segment:	beef, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/ Va:0/Vd:0
Average fruit weight	240 – 250 g
Vigour	generative
Crop type	long open with normal leaves
Comments	fruits are big and round



## Autumn tomatoes

Autunno RZ has proved to possess a lot of production potential and great stamina. For the 'medium large' segment, 72-401 RZ is a reliable variety, characterised by a nice, open crop.

### Autunno RZ

Segment	truss, large
Resistance	HR ToMV:0-2/TSWV/Ff:A-E/Fol:0,1/ For/Va:0/Vd:0
Average fruit weight	160 - 180 g
Vigour	extremely generative
Crop type	jointless, strong against splitting, recommended for 5- and 6-truss cultivation

### 72-401 RZ

Segment	truss, medium large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/Va:0/ Vd:0 IR On (ex Ol)
Average fruit weight	140 g
Vigour	generative
Crop type	jointless, open, dark green crop, suitable for longer autumn crops

### 72-404 RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/ Va:0/Vd:0
Average fruit weight	180 g
Vigour	generatively strong
Crop type	jointless, strong against splitting, strong crop, suitable for 4-, 5- and 6-truss cultivation

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## Autumn Tomatoes

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### 72-406 RZ

Segment	truss, large
Resistance	HR ToMV:0-2/Ff:A-E/Fol:0,1/For/ Va:0/Vd:0
Average fruit weight	160 - 170 g
Vigour	generative
Crop type	jointless, strong against splitting, open crop and greener for longer period, suitable for 4-, 5- and 6-truss cultivation.



### Rootstocks

The right combination of rootstock and cultivar offers many advantages, such as steerability and production. So for good reason, this subject is given a lot of attention by our breeders. Vigorous Emperor RZ is very popular, Bruce RZ is a powerful, productive rootstock and Stallone RZ, too, is used on many nurseries.

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### Bruce RZ (61-068 RZ)

Segment	rootstocks
Resistance	HR ToMV:0-2/Ff:B,D/Fol:0,1/For/Pl/ Va:0/Vd:0
Vigour	strong

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### Emperor RZ

Segment	rootstocks
Resistance	HR ToMV:0-2/Fol:0,1/For/Pl/Va:0/ Vd:0 IR Ma/Mi/Mj
Vigour	strong

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### Stallone RZ

Segment	rootstocks
Resistance	HR ToMV:0-2/Ff:B,D/Fol:0,1/For/Pl/ Va:0/Vd:0
Vigour	strong, generative

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Differing degrees of specificity exist in the relations between plants and pests or pathogens. Identification of such specificity generally requires the use of highly elaborate analytical methods. Recognizing whether a plant is subject to a pest or pathogen or not may depend on the analytical method employed. It is important, in general, to stress that the specificity of pests or pathogens may vary over time and space, depends on environmental factors, and that new pest biotypes or new pathogen races capable of overcoming resistance may emerge.

Immunity: not subject to attack or infection by a specified pest or pathogen.

Resistance: the ability of a plant variety to restrict the growth and development of a specified pest or pathogen and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest or pathogen pressure.

Two levels of resistance are defined:

High/standard resistance (HR\*): plant varieties that highly restrict the growth and development of the specified pest or pathogen under normal pest or pathogen pressure when compared to susceptible varieties. These plant varieties may, however, exhibit some symptoms or damage under heavy pest or pathogen pressure.

Moderate/intermediate resistance (IR\*): plant varieties that restrict the growth and development of the specified pest or pathogen, but may exhibit a greater range of symptoms or damage compared to high/standard resistant varieties. Moderately/intermediately resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest or pathogen pressure.

Susceptibility: is the inability of a plant variety to restrict the growth and development of a specified pest or pathogen.

- If in a resistance code of a certain variety reference is made to certain pest biotypes or pathogen races for which the resistance is claimed this means that no resistance is claimed to other biotypes or races of the same pest or pathogen.

- If in a resistance code no reference is made to pest biotypes or pathogen races for which the resistance is claimed this means that resistance is claimed only to certain not further specified pest biotypes or pathogen races.

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