

# Cucumbers



## Pickling Cucumbers

### PROFI, F<sub>1</sub>



- ▶ parthenocarpic, professional variety with very high yields for the canning industry
- ▶ ideal fruit shape and colour, very good internal quality and preserving qualities
- ▶ length/width ratio: 3.1 : 1

### DIAMANT, F<sub>1</sub>



- ▶ parthenocarpic variety
- ▶ compact with short and strong lateral shoots
- ▶ the fruits are straight, smooth and dark green
- ▶ very robust against downy mildew
- ▶ length/width ratio: 3.1:1



*Diamant, F<sub>1</sub>*

### HOKUS

- ▶ completely bitter free
- ▶ mixed flowering
- ▶ robust against cucumber mosaic virus



## Slicing Cucumbers · Open Field

### SWING, F<sub>1</sub>

- ▶ dark green, parthenocarpic, slightly glossy cucumber with a small core and a large portion of light-coloured flesh
- ▶ fruits are bitter free, crispy, approx. 20 – 25 cm long
- ▶ robust against unfavourable weather conditions and diseases
- ▶ optimally suitable for cultivation in open fields and under glass



*Swing, F<sub>1</sub>*

### TANJA

- ▶ completely bitter free field cucumber with few spines
- ▶ length approx. 30 cm
- ▶ mixed flowering
- ▶ valuable for open field production and seedling sales

### SONJA



- ▶ early and high yielding open field cucumber with approx. 25 cm long, dark green, barely warted fruits
- ▶ very straight and slim form, completely bitter free
- ▶ suitable for early cultivation under glass and for the entire open field season
- ▶ mixed flowering
- ▶ intensive cucumber flavour



*Sonja*

### HEIKE, F<sub>1</sub>

- ▶ predominantly female flowering, therefore early and high yielding
- ▶ fruits approx. 35 cm long, slender, dark green, completely bitter free
- ▶ for cultivation in cold frames, under foil and in open fields; also suitable for plant sales to hobby gardeners



*Heike, F<sub>1</sub>*

## Open Field Cucumbers

## Variety Information – for Northwest European climatic conditions –

Variety	Type	Cultivation		Parthenocarpic	Resistances		Comments
		<i>open field</i>	<i>under glass</i>				
DIAMANT, F <sub>1</sub>	pickling cucumber	●		●	HR: Px, Ccu	IR: CMV	robust against downy mildew
PROFI, F <sub>1</sub>	pickling cucumber	●	●	●	HR: Px, Ccu	IR: CMV	robust variety for all cultivation conditions
SWING, F <sub>1</sub>	Nostrani/Slicer	●	●	●	HR: Px, Ccu		crisp field cucumber

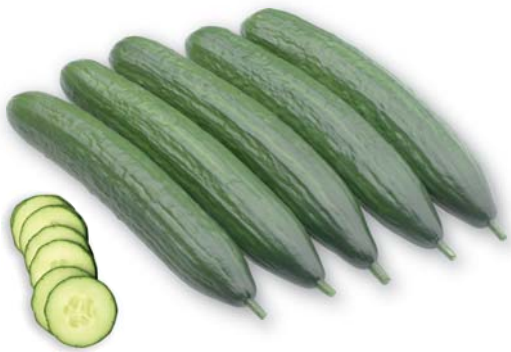
*Note: Depending on climate, location and cultivation, recommendations can differ from above diagram.*

## Long Cucumbers

### PALLADIUM, F<sub>1</sub>



- ▶ robust variety, especially suitable for soil cultivation in summer and autumn
- ▶ very early and high yields even under hot weather conditions
- ▶ excellent uniform, dark green fruits with good shelf life
- ▶ intermediate resistance to powdery mildew and head scorch
- ▶ start planting at end of March



### BELLA, F<sub>1</sub>

- ▶ totally female, bitter free variety with approx. 30 cm long, seedless, shiny, dark green fruits
- ▶ high yield potential due to early fruit set and vigorous growth
- ▶ optimally suitable for year-round soil cultivation

### FLAMINGO, F<sub>1</sub>



- ▶ proven variety for year-round cultivation
- ▶ suitable for cultivation in substrate or soil
- ▶ excellent regeneration and perseverance capabilities
- ▶ robust against pythium rot

## Midi Cucumber

### PASKA, F<sub>1</sub>



- ▶ approx. 25 cm long, shiny dark green, slender fruits
- ▶ early, high and prolonged yield
- ▶ unproblematic cultivation under foil or in open fields with precultivated plants

## Mini Cucumber

### MAGNUM, F<sub>1</sub>



- ▶ mini cucumber with good ability to regenerate, uniform growth and good branching
- ▶ very high yielding
- ▶ the dark green, glossy fruits are 18–20 long and have an excellent shelf life



Magnum, F<sub>1</sub>

### SILOR, F<sub>1</sub>

- ▶ dark green, uniform, 15–16 cm long, slightly ripped fruits
- ▶ suitable for cultivating from spring to autumn in greenhouses or under foil, has a long harvesting period

## Cocktail Cucumber

### IZNIK, F<sub>1</sub>

- ▶ fresh green, shiny finger cucumber with smooth skin; fruit length approx. 10 cm
- ▶ parthenocarpic fruit set
- ▶ very early maturing and high yielding; with up to 5 fruits per leaf axil
- ▶ for cultivation from spring until autumn in soil or substrate; optimally suitable for container cultivation
- ▶ intense taste of cucumber; crispy, fresh snack vegetable



IzNIK, F<sub>1</sub>

## Grafting Rootstocks

### BODYGUARD, F<sub>1</sub>

(Cucurbita moschata)

- ▶ rootstock with strong growth of roots
- ▶ fruits do not form a silicon cover; they have an attractive shine, are slightly firmer and therefore more durable than non-grafted
- ▶ perfectly suitable for cultivation in soil, also for early cultivation
- ▶ very uniform germination and easy to graft

### SECURITY, F<sub>1</sub>

(Cucurbita maxima x C. moschata)

- ▶ IR: Foc.
- ▶ very vigorous and early rootstock with a very high yielding potential
- ▶ tolerant against cooler temperatures and therefore optimally suitable for early cultivation sets

### TRIUMPF, F<sub>1</sub>

(Cucurbita ficifolia)

- ▶ IR: CMV, PRSV, Foc.
- ▶ rootstock for avoiding wilt diseases in greenhouse cucumber productions
- ▶ leads to extra vigour and a higher robustness against too low soil temperatures, higher yields as well as longer fruits on the trunk can be achieved
- ▶ minimum germination temperature: 20°C
- ▶ cucumbers should be sown 4–5 days before the rootstock

## Grafting Material

### PLASTIC CLIPS

- ▶ small clips with 10 mm wide clamps that easily hold the grafting elements together, labour efficient

### SILICON CLIPS

- ▶ clips with an extra hole for splice grafting cucumbers



Plastic Clips



Silicon Clips

## Greenhouse Cucumbers

## Variety Information – for Northwest European climatic conditions –

Variety	Type	Suitability		Cultivation		Parthenocarpic	Resistances	
		soil culture	substrate culture	under glass	open field			
BELLA, F <sub>1</sub> , PALLADIUM, F <sub>1</sub>	long	●		●		●	HR: Ccu, Cca	IR: Px
FLAMINGO, F <sub>1</sub>	long	●	●	●		●	HR: Ccu, Cca	IR: Px
PASKA, F <sub>1</sub>	medium	●	●	●	●	●	HR: Ccu, Px	IR: Pcu, CMV
MAGNUM, F <sub>1</sub>	short	●	●	●		●	HR: Ccu	IR: Pcu, Px
SILOR, F <sub>1</sub>	short	●	●	●	●	●	HR: Ccu	IR: Px, CMV, CVYV
IZNIK, F <sub>1</sub>	cocktail	●	●	●		●	HR: Ccu, Px	

*Note: Depending on climate, location and cultivation, recommendations can differ from above diagram.*

