

BASF is one of the world's largest suppliers of vegetable seeds. Featuring the Nunhems portfolio, BASF offers 24 types of vegetables with 1,200 varieties for professional horticulture and the value chain. With more than 2,000 employees, we are present in all major vegetable-producing markets of the world equipped with unique expert advice.

Our motivation is to make healthy eating enjoyable and sustainable by offering solutions for the vegetable sector that meet consumer expectations and increase their demand. We achieve this by using state-of-the-art breeding methods, developing improved varieties, and working closely with our partners throughout the world.

With innovations that are healthy, sustainable, and enjoyable we proactively contribute to the enrichment of the vegetable supply and increased vegetable consumption throughout the world.

We know the world is a changing place, and we are changing with it. We are committed to understanding the needs of our partners and working together to answer tomorrow's questions, today.

Together, we'll unlock the full potential in the processing cucumber world increasing value for you — our business partners — and for consumers. Let's embrace a shared vision, fit for the future.

Your dedicated BASF Pickling Cucumber Team

NUN 5050 F1

Harvesting System:	Machine Harvest
Species Segment:	Parthenocarpic
Growing System:	Horizontal
Planting Density:	Machine Harvest 28-35,000 seeds/acre
Region/Climate/Sea	usa: Upper Midwest (summer); Usa: Southeast (spring/fall); Usa: Southwest (summer); Usa: West Coast California
Intermediate Diseas	e Resistances (IR): Ccu (Scab); CMV; Co (Anthracnose); PRSV; Psl (Angular leaf spot); Px (Powdery mildew); WMV; ZYMV
Vine Type:	Medium
Fruit Shape:	Blocky
Market:	Fresh Market; Processing Brine



NUN 5062 F1

Harvesting System:	Machine Harvest
Species Segment:	Parthenocarpic
Growing System:	Horizontal
Planting Density:	Machine Harvest 28-35,000 seeds/acre
Region/Climate/Sea	USA: Upper Midwest (summer); USA: Southeast (spring/fall); USA: Southwest (summer); USA: West Coast California
Intermediate Diseas	e Resistances (IR): Ccu (Scab); CMV; Co (Anthracnose); PRSV; Psl (Angular leaf spot); Px (Powdery mildew); WMV; ZYMV
Vine Type:	Medium
Fruit Shape:	Blocky
Market:	Fresh Market; Processing Brine



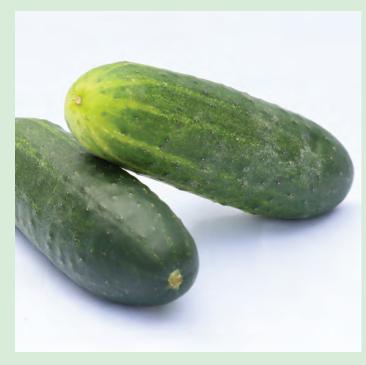
NUN 5063 F1

Harvesting System:	Machine Harvest	
Species Segment:	Parthenocarpic	
Growing System:	Horizontal	
Planting Density:	Machine Harvest 28-35,000 seeds/acre	
Region/Climate/Season:		
_	USA: Upper Midwest	
	(summer); USA: Southeast	
	(spring/fall); USA:	
	Southwest (summer); USA: West Coast California	
Intermediate Disease	e Resistances (IR):	
	Ccu (Scab); CMV; Co	
	(Anthracnose); PRSV;	
	Psl (Angular leaf spot);	
	Px (Powdery mildew);	
	WMV; ZYMV	
Vine Type:	Medium	
Fruit Shape:	Blocky	



V 5031 F1

Harvesting System:	Machine Harvest
Species Segment:	Parthenocarpic
Growing System:	Horizontal
Planting Density:	Machine Harvest 28-35,000 seeds/acre
Region/Climate/Season:	
	USA: Upper Midwest (summer); USA: Southeast (spring/fall)
Intermediate Disease Resistances (IR):	
	Ccu (Scab); CMV; Co
	(Anthracnose); PRSV;
	Psl (Angular leaf spot);
	Px (Powdery mildew); WMV; ZYMV
Vine Type:	Medium
Fruit Shape:	Blocky
Market:	Fresh Market; Processing Brine



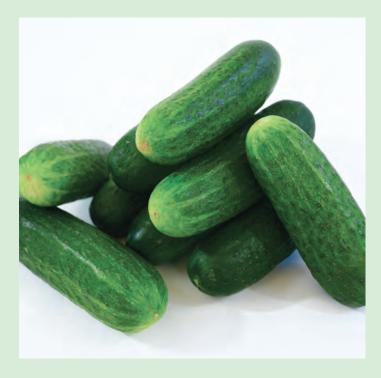
V 5025 F1

Harvesting System:	Machine Harvest	
Species Segment:	Parthenocarpic	
Growing System:	Horizontal	
Planting Density:	Machine Harvest 28-35,000 seeds/acre	
Region/Climate/Season:		
	USA: Upper Midwest	
	(summer)	
Intermediate Disease Resistances (IR):		
	Ccu (Scab); CMV;	
	Co (Anthracnose);	
	Psl (Angular leaf spot);	
	Px (Powdery mildew)	
Vine Type:	Medium	
Fruit Shape:	Blocky	
Market:	Processing Brine;	
	Processing Vinegar	



V 5016 F1

Harvesting System:	Hand Harvest; Machine Harvest	
Species Segment:	Parthenocarpic	
Growing System:	Horizontal	
Planting Density:	Hand Harvest 15-22,000 seeds/acre Machine Harvest 28-35,000 seeds/acre	
Region/Climate/Sea	Region/Climate/Season:	
	USA: Upper Midwest (summer); USA: Southeast (spring/fall); USA: West Coast California; USA: Florida (winter)	
Intermediate Disease Resistances (IR):		
	Ccu (Scab); CMV; Co	
	(Anthracnose); PRSV;	
	Psl (Angular leaf spot); Px (Powdery mildew);	
	WMV; ZYMV	
Vine Type:	Medium	
Fruit Shape:	Blocky	
Market:	Fresh Market; Processing Brine	



Logan F1

Machine Harvest	
Predominantly Female	
Horizontal	
45-60,000 seeds/acre	
Region/Climate/Season:	
USA: Upper Midwest (summer); USA: Southeast	
(spring/fall)	
(spring/fall) e Resistances (IR):	
· · · · · · · · · · · · · · · · · · ·	
e Resistances (IR): Ccu (Scab); CMV; Co (Anthracnose); PRSV; Psl (Angular leaf spot); Px (Powdery mildew);	
e Resistances (IR): Ccu (Scab); CMV; Co (Anthracnose); PRSV; Psl (Angular leaf spot); Px (Powdery mildew); WMV; ZYMV	



Tacana F1

Harvesting System:	Hand Harvest
Species Segment:	Predominantly Female
Growing System:	Horizontal
Planting Density:	Hand Harvest 28-35,000 seeds/acre
Region/Climate/Season:	
	USA: Southeast (spring/fall); Mexico: Michoacan (winter); USA: West Coast California
Intermediate Disease Resistances (IR):	
	Ccu (Scab); CMV; Co (Anthracnose); PRSV; Psl (Angular leaf spot); Px (Powdery mildew); WMV; ZYMV
Vine Type:	Indeterminate; Medium
Fruit Shape:	Blocky
Market:	Fresh Market; Processing Brine; Processing Vinegar



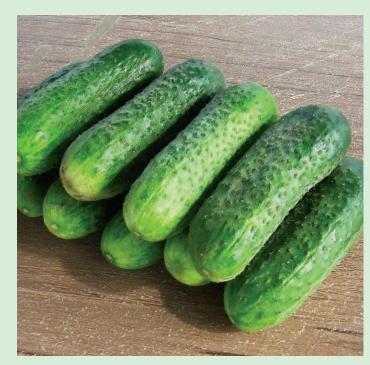
Marcial F1

Harvesting System:	Hand Harvest
Species Segment:	Monecious
Growing System:	Horizontal or vertical
Planting Density:	15-22,000 seeds/acre 33-48,000 seeds/hectare
Region/Climate/Season:	
	Mexico: Jalisco, Michoacan
Vine Type:	Mexico: Jalisco, Michoacan Indeterminate; Medium
Vine Type: Fruit Shape:	Mexico: Jalisco, Michoacan Indeterminate; Medium Blocky



Platina F1

Harvesting System:	Flieger Harvest; Hand Harvest	
Species Segment:	Parthenocarpic	
Growing System:	Horizontal	
Planting Density:	15-22,000 seeds/acre	
Region/Climate/Season:		
	North Europe (moderate);	
	Continental East Europe	
	(hot); Turkey (autumn	
	season); USA: Upper	
	Midwest (summer);	
	Canada (summer)	
Intermediate Disease Resistances (IR):		
	Ccu (Scab); CMV	
Market:	Fresh Market; Processing	
	Brine; Processing Vinegar	



EQ Speed F1

Harvesting System:	Flieger Harvest; Hand Harvest
Species Segment:	Parthenocarpic
Growing System:	Horizontal
Planting Density:	15-22,000 seeds/acre
Region/Climate/Sea	USA: Upper Midwest (summer); USA: Southeast (spring/fall); Canada (summer)
Intermediate Disease Resistances (IR): Ccu (Scab); CMV	
Market:	Fresh Market; Processing Brine; Processing Vinegar



Zircon F1

Harvesting System:	Flieger Harvest; Hand Harvest
Species Segment:	Parthenocarpic
Growing System:	Horizontal; Vertical
Planting Density:	15-22,000 seeds/acre
Region/Climate/Sea	North Europe (moderate); Continental East Europe (hot); USA: Upper Midwest (summer); USA: Southeast (spring/fall); Canada (summer)
Intermediate Disease Resistances (IR): Px (Powdery mildew)	
Market:	Fresh Market; Processing Brine; Processing Vinegar



Pickling Cucumber Growing Recommendations

HARVESTING SYSTEM:	Machine Harvest					
SPECIES SEGMENT:	Parthenocarpic					
GROWING SYSTEM:	Horizontal					
SEEDING RATE:	Machine Harvest 30,000 seeds/acre Hand Harvest 15,000 seeds/acre.					
SOIL PREP:	1. Select a field that has not had cucumbers, watermelons, cantaloupes, pumpkins, or squash for two to three years. The field should be fertile, well drained, and uniform.					
	2. Take soil samples for nematode assay and fertilizer recommendations.					
	3. Apply lime and incorporate, if recommended.4. Apply recommended N P K.					
	TAPPIY TOOMINGHOOD IN THE					
SOIL TEMP:	Minimum soil temperature required for germination is 60° F with the optimum between 70° and 95° F. Pickling cucumbers are sensitive to cool soil conditions. Under such conditions, damping-off can seriously reduce stands, and seedling growth may be very slow.					
IRRIGATION:	Apply water as needed to an equivalent amount of one inch per week. Lime Experiments have shown that vine crops will produce good yields over a fairly wide range of soil acidity.					
LIME:	Applications are suggested when the soil pH is 5.6 or below, or when calcium (Ca) levels are below 5 meq Ca/100g of soil. The optimum pH is between 5.8 and 7.0.					
HARVESTING:	Harvest at 45-55 days from planting depending upon conditions.					

Mechanical Harvest

VARIETY	PLANT VIGOR	EARLINESS	FRUIT COLOR	L/D RATIO	CROWN SETTING	BRINE QUALITY
NUN 5050 F1	5	7	5	3.0:1	7	6
NUN 5062 F1	6	6	6	3.0:1	7	7
NUN 5063 F1	7	6	7	3.2:1	7	7
V 5031 F1	7	6	7	3.1:1	6	6
V 5025 F1	6	6	5	3.0:1	6	5
V 5016 F1	5	6	6	3.0:1	6	5
LOGAN F1	7	5	5	3.0:1	5	5

Multipick

VARIETY	PLANT VIGOR	EARLINESS	FRUIT COLOR	L/D RATIO
TACANA F1 (FULL SIZE) MX	8	6	7	3.1:1
MARCIAL F1 FULL SIZE) MX	8	5	7	3.0:1
PLATINA F1 (BABY) GERMANY	5	5	5	n/a
EQ SPEED F1 (BABY) GERMANY	6	5	6	n/a
ZIRCON F1 (BABY) GERMANY	7	5	7	n/a

PLANT VIGOR: 1 = low vigor, 9 = high vigor

EARLINESS: 1 = late, 9 = early

FRUIT COLOR: 1 = light green, 9 = dark green

BRINE QUALITY: 1 = low, 9 = high







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ADVICES FOR CULTURAL PRACTICE

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PRODUCT ILLUSTRATIONS

All varieties shown were grown under favorable conditions. Identical results are not guaranteed nor implied for all growing conditions.

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