



 **BASF**
We create chemistry

 **nunhems**[®]

Vegetables People Love

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 more 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 our innovations, 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

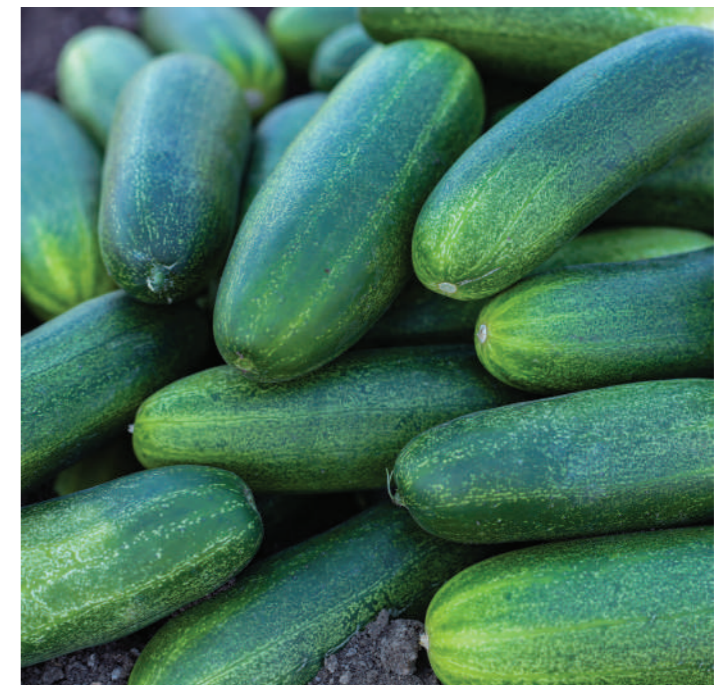
NUN 5050 F1

Harvesting System:	Machine Harvest
Species Segment:	Parthenocarpic
Growing System:	Horizontal
Planting Density:	Machine Harvest 28-35,000 seeds/acre
Region/Climate/Season:	USA: Upper Midwest (summer); USA: Southeast (spring/fall); USA: Southwest (summer); 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:	Medium
Fruit Shape:	Blocky
Market:	Fresh Market; Processing Brine



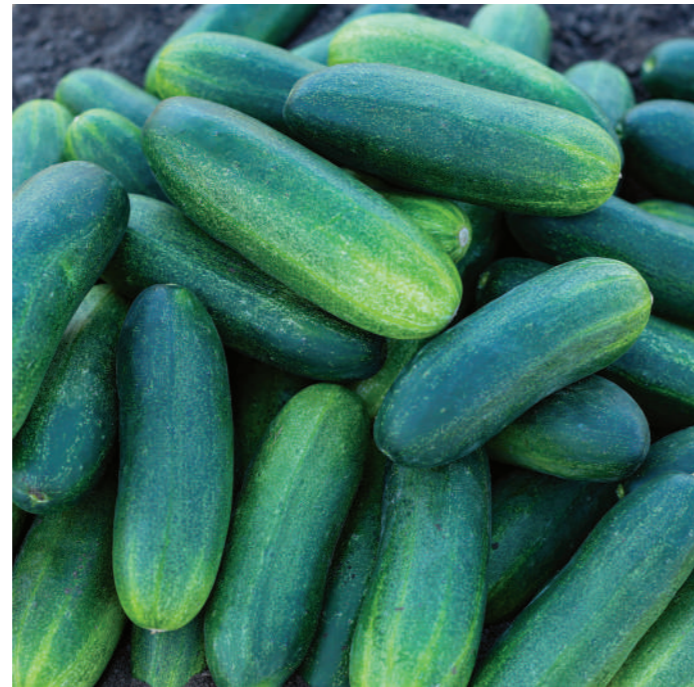
NUN 5062 F1

Harvesting System:	Machine Harvest
Species Segment:	Parthenocarpic
Growing System:	Horizontal
Planting Density:	Machine Harvest 28-35,000 seeds/acre
Region/Climate/Season:	USA: Upper Midwest (summer); USA: Southeast (spring/fall); USA: Southwest (summer); 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:	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 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/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



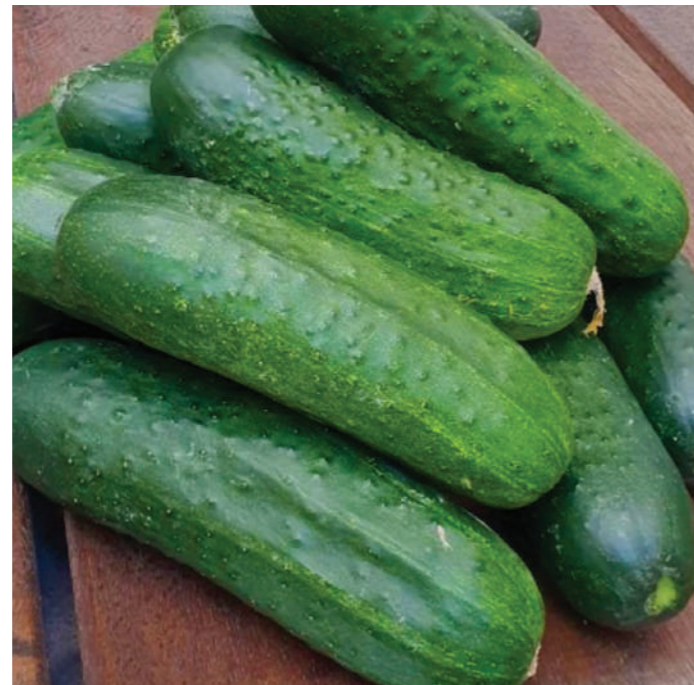
Logan F1

Harvesting System:	Machine Harvest
Species Segment:	Predominantly Female
Growing System:	Horizontal
Planting Density:	45-60,000 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:	Intermediate
Fruit Shape:	Blocky
Market:	Processing Brine



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



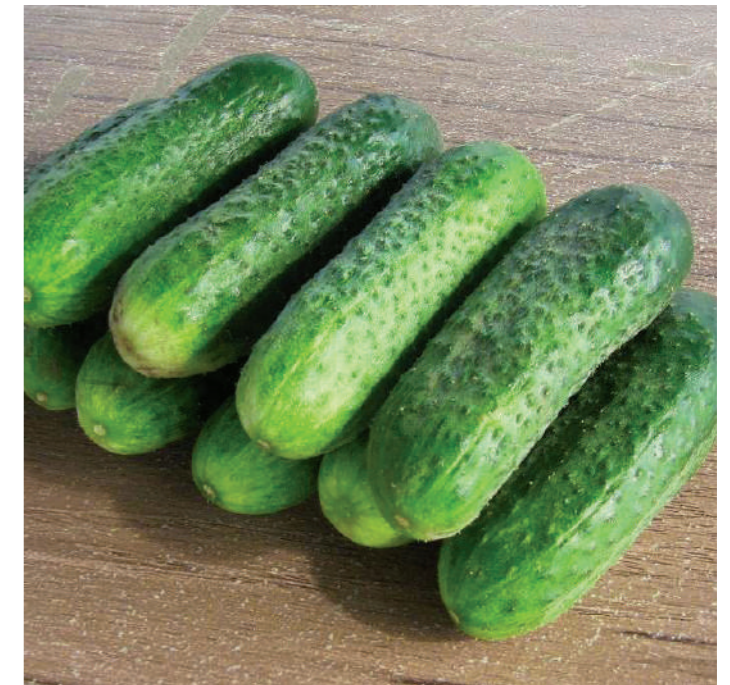
Marcial F1

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:	Indeterminate; Medium
Fruit Shape:	Blocky
Market:	Fresh and Export



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/Season:

USA: Upper Midwest
(summer); USA: Southeast
(spring/fall); Canada
(summer)

Intermediate Disease Resistances (IR):

Ccu (Scab); CMV

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:	<ol style="list-style-type: none"> 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.
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

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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Individual results may vary.

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The text and pictures on this website, as applicable, are intended to help buyer identify plant diseases that may or could affect his/her crops. The pictures may give a distorted image of reality and may otherwise not be an accurate portrayal of the disease. This website was compiled using the Information reasonably available to Nunhems USA, Inc. at time of compilation

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