PRODUCT LISTS

"Dynamic seeds for the future"

Company Profile

ABOUT US

Dynamic Seeds Co., Ltd. is a Thai company established in 1995. With a strong commitment to quality and innovation, the company has provided high-quality, reliable F1 Hybrid and OP seeds for both domestic and international markets.

The company continues to research and select superior seed varieties. Our breeders are capable of developing, improving, and producing seeds that meet market demands, such as Japanese cucumber, okra, yard-long beans, bitter gourd, waxy corn, watermelon, celery, coriander, and pumpkin.

Our factory is located in Nakornpathom province, and the breeding station is in Kanchanaburi province.

In addition, our expansive farm cultivates curcuma, providing cut flowers for the Thai market and exporting bulbs to the EU and USA.

"Dynamic Seeds for the Future". We are committed to pioneering plant genetics, breeding superior seeds and ornamentals, fostering enduring partnerships, and driving sustainable growth.

Dynamic Seeds Co., Ltd.

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Seeds (F1)

Hot Pepper "Dynamite 365"

Fruits are shiny and smooth skin, 7-8 cm in length and 0.9-1.2 cm in diameter. Plant height is approximately 85-95 cm. High yield and spicy taste. Excellent fruit set. Can be harvested both green and red colors, Resistant to diseases and heat tolerance. Maturity is 60-65 days after transplanting. Suitable for the fresh market.

Pepper "Akkanee"

Fruit size is about 17-18 cm in length and 1.8-2.2 cm in diameter. Fruit are smooth skin. High yield and spicy taste. Excellent fruit set. Resistant to disease and heat tolerance. Good performance in tropical andsubtropical regions. Maturity is 65-70 days after transplanting.

Pepper "Sonic"

Light green color, smooth, shiny and thick skin. Fruit size is about 18-20 cm in length. High yield and medium spicy taste. Excellent fruit set. Good performance in tropical and subtropical regions. Maturity is 65-75 days after transplanting.

Hot Pepper "Top Green"

Fruit size is 20 cm in length, normal pungent, smooth skin, virus resistant and has a good shelf life. Maturity is 60-70 days after transplanting.

Hot Pepper "Pongphet"

Fruit size is 16-18 cm in length and 1.5-1.8 cm in thickness. Cayenne-type with smooth skin, Strong plant, low pungent and a good shelf life. Maturity is 60-70 days after transplanting.

Melon "Gold Star"

Golden yellow skin, round shape, smooth skin, thick white flesh, crisp and very sweet taste. Fruit weight around 1.4-2 kg. Maturity is 60-65 days after transplant

Melon "Green Honey"

Round shape with thick netting, deep orange flesh, good aroma, thick and very sweet flesh (15 brix sweetness). Fruit weight around 1.25-2.5 kg. Maturity is 50-60 days after transplant

Cabbage "King 265"

Head shape is semi-flat. Solid green head. Head weight around 2-2.2 kg. Strong heat tolerance. Yellow, Black Rot diseases resistance. Maturity is 75-80 days after transplanting.

Seeds (F1)

Okra "9702"

Tall vigorous plant, with high dual resistance to viruses YVMV and ELCV. Attractive green thick, pentagonal long fruits, Can be harvested at 6-16 cm in length.
Maturity is 42-45 days after sowing.

Okra "Dynamic 9709"

Tall vigorous plants with high dual resistance to viruses YVMV and ELCV. Attractive green thick, pentagonal long fruits, Can be harvested at 6-16 cm in length.
Maturity is 50-55 days after sowing.

Okra "DM19"

Dwarf medium plant with short internodes, High tolerant to virus diseases: YVMV and ELCV, Excellent heat tolerant.
Maturity is 42-45 days after sowing.

Watermelon "BIG RED"

Oval shape, Dark green thin skin, Vivid red flesh, Sweet and crispy taste, High tolerance to diseases and insects. Fruit size is 7-8 kg per fruit. Maturity is 60 days after transplanting.

Watermelon "DYS-09319"

Seedless watermelon, dark green fruit skin, round fruit shape, good fruit set, crispy deep red flesh, high uniformity, good disease resistance, sweetness 12-13 brix, Fruit size is 4-5 kg.
Maturity is 45-55 days after transplant.

Watermelon "DYS-09354"

Seedless watermelon, striped green fruit,round fruit shape, good fruit set, crispy deep red flesh, high uniformity, good disease resistance, sweetness 12-14 brix, Fruit size is 3-4 kg.
Maturity is 45-55 days after transplant.

Pumpkin "Spark"

Dark green color, Thick flat shape, Weight generally 7-8 kg, sweet and strong aromatic taste, Long shelf-life, heat tolerance, High yield and good performance in tropical and subtropical regions. Maturity is 75-85 days after sowing.

Pumpkin "Permsub"

Dark green color, Thick flat shape, Weight generally 3-5 kg, sweet and strong aromatic taste, Long shelf-life, heat tolerance, High yield and good performance in tropical and subtropical regions. Maturity is 70-75 days after sowing.

Seeds (F1)

Chinese cabbage michilli "T 76"

Good uniform head, dark green outer foliage. Michihili produces cylindrical leafy heads with very tender leaves and a delicious flavor. Maturity is in 50-55 days after transplanting

Chinese Cabbage "Queen 91"

Uniform cannon-shaped heads, leaves are medium green on the outside, with the core being light yellow. Average weight 1-1.5 kg. Maturity is 50-55 days after transplanting.

Tomato "Kaewmanee"

Hybrid tomato with resistance to TLCV. Flattish round fruit. Fruit weight is around 80-90 grams. Large determinate plants. Good head set. Excellent firm fruit that good for long-distance transportation. Maturity is 55-60 days after transplanting

Tomato "Victoria"

Oval shape and thick skin. Deep red color after ripening. Fruits are very firm and excellent for distant transportation. Fruit weights 90-100 g. First harvesting starts 68-70 days after transplanting. Highly tolerant to the TYLCV virus.

Japanese Cucumber "JP 1"

An excellent hybrid Japanese cucumber. Skin is glossy deep green and smooth. 21-23 cm in length, 2.7-3 cm in diameter, High yield, Excellent flavor and quality. Maturity is 35 days after seeding. Suitable to grow in greenhouse.

Japanese Cucumber "JP 2"

An excellent hybrid Japanese cucumber. Skin is glossy deep green and smooth. 20-22 cm in length, 2.7-3 cm in diameter, High yield, Excellent flavor and quality. Maturity is 35 days after seeding. Suitable to grow in greenhouse.

Cucumber "Butus"

Skin is green and smooth. 18-20 cm in length, 2.7-3 cm in diameter, High yield, Excellent flavor and quality. Maturity is 43-45 days after seeding.

Seeds (OP)

Chinese Kale "Taweechoke"

Large upright stems with waxy dark green leaves, high yield, slow bolting, good uniform and grow well in a wide range of climates, suitable for growing all year round.
Maturity is 45-50 days after sowing.

Chinese Celery "Yokfah"

Good performance in tropical and subtropical regions, light green color, heat tolerance, high yield, good aroma. Maturity is 80-90 days after sowing.

Flowering Pak choy "Phetpailin"

Flowering type Pak Choy, Vase shape plant, yellow flowers, glossy deep green leaves with thick petioles, high yield, disease resistant and good shelf life.
Maturity is 30-35 days after sowing.

Leave Pak choy "Pailin"

Leaf type Pak Choy. Vase shape plant, glossy deep green leaves with thick petiole, high yield, disease resistant and good shelf life.
Maturity is 30-35 days after sowing.

Coriander "Taweekoon Plus"

American-type coriander with thick leaves. Plants are vigorous, fast growing, with large stems, slow bolting, good aroma. Heat tolerance.
Maturity is 40-45 days after sowing

Iceberg lettuce "Dew 58"

The iceberg lettuce has a semi-globe shape with shiny deep green color, thick leaves, and crispy taste. Resistant to root rot and bacterial spot diseases.
Maturity is 35-40 days after sowing

Lettuce "Grand 109"

Large, thick, light green curly leaves, very crispy, late bolting, and highly vigorous. Maturity is in 30-40 days.

Chinese Mustard "Green Star"

Green thick and large leaves, firm and compact head, Good resistance to diseases and heat tolerance.
Maturity is 55-60 days after sowing.

Seeds (OP)

Okra "9062"

Green color, pentagonal long fruits, good fruit set, heat tolerance, Maturity is 40-45 days after sowing.

White gourd "Kaew Morakot"

Green color skin and creamy white color flesh, uniform blocky shape. Fruit size is about 25-30 cm in length and 10-15 cm in diameter. Flesh is firm, thick and crisp taste. Maturity is 45-50 days after sowing

Hot Pepper "Nillanee"

Fruit size is 12-13 cm in length, High yield and spicy taste. Excellent fruit set. Can be harvested both green and red colors, Good performance in tropical and subtropical regions. Maturity is 65-70 days after transplanting.

Hot Papper "Napathip"

Fruits are smooth skin, 12-14 cm in length, High yield, excellent fruit set. Can be harvested both green and red colors.
Maturity is 60-65 days after transplanting.

Holy Basil "Baigein"

Holy Basil has large plants with wide bushes, big green leaves, good aroma.
Maturity is 30-35 days after sowing.

Sweet Basil "Baiyai"

Sweet Basil has large plants with good branching, green leaves, good aroma.
Maturity is 40-50 days after sowing.

Lemon Basil "Baiyok"

Lemon Basil has good branching, big green leaves, good aroma. Maturity is 30-35 days after sowing.

Water Convolvulus "Krongthong"

An attractive elongated, pointed leafed variety, few side shoots, straight stem. Good holding ability in the field, length 30-40 cm. Maturity is 20-25 days after sowing.

Seeds (OP)

Eggplant “Kheiw Thip”

Vigorous branches,
with fruit size of 3.5 x 28-30 cm and weight of 180-200 g, light shiny green in color. flesh is tender with good flavor. Maturity is 25 days after transplant

Eggplant “Thunder”

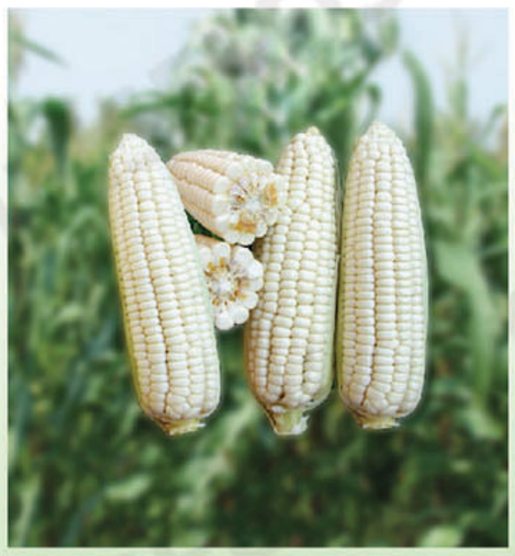
Water drop-shaped fruit.
Light green in color, smooth and shiny skin, weight 40-60 g per fruit.
Maturity is 65-70 days after transplanting.

Waxy corn “Nil Siam”

The dark purple corn has a sweet taste, tender and sticky. The cob is well-filled, is around 17-18 cm in length. Maturity is in 60-65 days after sowing.

Waxy corn “Thong Siam”

The yellow waxy corn has a sweet taste and is sticky. Its fruit has dense kernels.
Maturity is in 55-60 days after sowing.



Waxy corn “Mook Siam”

The White Corn has sweet taste, tender and sticky. Its fruit has dense kernels. Maturity is in 65-70 days after sowing.

Yard Long Bean “Nanfah”

Good performance in tropical and subtropical regions. Vigorous plant, black seeds, excellent fruit set, high yield. Pod size is 55-65 cm in length. Heat tolerance.
Harvest in 45 days after sowing.

Yard Long Bean “No. 77”

Good performance in tropical and subtropical regions. Vigorous plant with red seeds, excellent fruit setting, high yield, and pod size of 45-55 cm in length. Heat tolerance.
Harvest in 60-65 days after sowing.
High-quality pods with good taste.

Yard Long Bean “Nannam”

Good performance in tropical and subtropical regions. Vigorous plant with white seeds, excellent fruit set, high yield, and pod size of 60 cm in length. Heat tolerance. Harvest in 50-55 days after sowing.

Snake Gourd "Lainampetch"

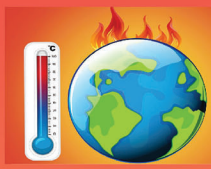
Fruits are green-white in color, 20-30 cm in length, good branches, high yield, and good taste.
Maturity is 40-45 days after sowing.

Bitter Groud “Kheiw Morakot”

Fruit shape is long cylindrical.
The weight is 500-600 g per fruit.
Fruit size is 6.0-6.5 x 28-30 cm, light green in color, with high yield.
Maturity is 55-60 days from sowing.

IMPACT OF CLIMATE CHANGE TO THE SEED PRODUCTION

Climate change significantly impacts seed production through various mechanisms, including:



Temperature Changes :

Rising temperatures can affect plant growth cycles, leading to altered flowering times and reduced seed set. Extreme heat can also cause heat stress, which may lead to lower yields and poorer seed quality.

Altered Precipitation Patterns :

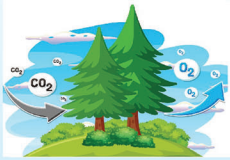
Changes in rainfall can lead to droughts or excessive moisture, adversely affecting seed germination and development. Drought can stress plants, reducing their ability to produce seeds, while excessive rain can lead to waterlogged soils, promoting rot and disease.

Increased Pest and Disease Pressure :

Warmer temperatures can expand the ranges of pests and pathogens, leading to more intense outbreaks that can devastate crops and diminish seed production.

Soil Health :

Climate change can result in soil degradation, erosion, and loss of nutrients, affecting the growth conditions for plants and subsequently their seed production.



CO_2 Levels :

Elevated carbon dioxide levels can affect plant physiology, growth rates, and nutrient content. While some plants may benefit from increased CO_2, others may experience negative impacts, leading to disparities in seed yields.

Phenological Changes :

Changes in seasonal patterns, such as earlier springs or prolonged growing seasons, may disrupt the synchronized life cycles of plants and their pollinators, potentially leading to reduced seed production.

Genetic Diversity :

As climate changes, some crops may not adapt well to new conditions, leading to a loss of traditional seed varieties. The decreased genetic diversity can make crops more vulnerable to climate impacts.

Overall, the effects of climate change on seed production are complex and interrelated, requiring adaptive strategies in agriculture to mitigate risks and ensure food security.

CLIMATE CHANGE

Global warming is a phenomenon caused by the inability of the Earth to effectively dissipate the heat it receives from the Sun. As a result, the average global temperature is rising, causing changes in the Earth's climate and having a widespread impact on plants, animals, and humans.

The present status of climate change in Thailand

1. The average temperature
2. Rainfall
3. Storms

Strategies for adapting plants to climate change.

- Water Management
- Soil Management
- Crop Selection
- Crop Management
- Biological Control
- Technology

Heat stress reduction product for plants.

Umbrella

A special formula to protect plants from sunlight and reduce heat stress.

- Protecting plants from infrared radiation and ultraviolet light.
- Protecting plants from the heat stress.
- Protecting plants from pests.
- Protecting plants against the sunburn.
- Reduce the plant temperature by 4-6°C.
- Has light-diffusing properties.

Usage Dosage

A dilution
rate of 25-40 grams per 20 liters of water for the sun protection

A stronger concentration
rate of 50-100 grams per liter of water. The solution irritates pests and dehydrates them, leading to their death.