

The founders of Horizon Hemp Seeds came together with a common vision:

To develop strategic alliances with industry partners, secure certified cultivars, and provide quality certified industrial hemp seed to the growers.

No matter how unique or challenging your request is, you can count on us to find the right solution for you. Get in touch with us today and let's look beyond the HORIZON together!



FIND US AT:

www.horizonhempseeds.com



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CERTIFIED INDUSTRIAL HEMP SEED



WHY CERTIFIED SEED

What is Certified Seed?

Certified seed is the product of a production process designed to deliver specific plant breeding achievements to farmers and the food industry.

The Certified Advantage

Using certified seed is one of the best management tools for your farm. It gives you better quality seed, new marketing opportunities for your crop and access to new varieties that are bred for your growing conditions.

The Value of Certified Seed

Certified seed is the basis of food, fuel and fiber value chains and variety-specific, identity-preserved programs. Certified seed captures the full benefits of a plant breeding program. It's the only reliable way to access the traits you need.

Certified seed isn't just your first chance to get a new variety – it's the way to get the best of that variety every year. Seed variety developers and distributors stand behind their certified seed.



PRODUCTS

Grain & Fiber Hemp Varieties

Our grain and fiber hemp seeds can be hulled or pressed for oil. These varieties have been proven in North Dakota State and other Horizon Hemp trials. Test results show they have excellent characteristics including protein, fiber, and fatty acid content suitable for human and animal consumption. If the seeds are pressed for oil, the remaining meal can be ground into a flour or protein powder. If planted at a higher seed rate, the fiber from these plants can be used for textiles, building materials, biofuel and other manufacturing operations.

CBD Varieties

CBD (Cannabidiol) is a molecule found in hemp and other cannabis plants that's known for its many potential health benefits. Growers will need to pay extra close attention to its growing variables such as soil make-up, pH levels, moisture content, etc., to create high CBD yields while keeping THC (Tetrahydrocannabinol) levels under the allowable limits. If THC limits are exceeded the crop will need to be destroyed. It's also important to point out that CBD-rich cultivation only uses the female plant, while male plants are removed immediately after identification.

Herbalwerx™ Products

Herbalwerx is our line of biological products used to give the hemp plant noticeable developmental advantages. These products can be applied to individual plants or in bulk. They are known to help the plant canopy faster which helps reduce weed pressure since there are currently no herbicide approvals for hemp. They also help develop a longer tap root system, create a thicker stem, develop a greater leaf area for solar capture, help with PH modulation to keep photosynthetic activity going through the day and help the plants better utilize iron and phosphorus nutrition.

COMMON FAQ'S

What is the ideal soil temperature for planting hemp seeds?

Hemp seeds should be planted in soil as close to 50°F as possible.

What level of sun is needed for hemp seeds?

Hemp should be planted in full sun.

When is the best time of year to plant hemp seeds?

Ideally, you should plan to plant your seeds from April-June.

How many days does it take for hemp seeds to emerge?

On average, it takes about 5-10 days for hemp seeds to begin to emerge from the soil.

What is the proper seed depth for hemp?

Hemp seeds should be planted ¼" to ½" deep into the soil.

What is the proper row spacing for hemp plants?

Hemp should have at least 4" between each seed when planting.

When do hemp plants reach maturity?

On average, hemp reaches maturity between 8-16 weeks (based on variety).

When should you sow hemp seeds?

2 to 4 weeks after your average last freeze when soil temp is above 46F

INDUSTRY RESOURCES

horizonhempseeds.com
nationalhempassociation.org
votehemp.com
hia.org (Hemp Industries Assoc.)



PRODUCTS

ALTAIR

Grain Yield Avg: 1400 - 1600 lb/ac
Fiber Yield Avg: 4000 lb/ac
Avg Height: 6' - 8'
Non-GMO UniSeed Variety

Strengths:

- THC less than 0.3%
- High grain & hurd yields
- Moderate branching, lush and full appearance
- Highly uniform in height and flowering
- Possible to follow with a fall seeded crop

Management:

- 15" row spacing
- Sow mid to late May at 18 - 20 lb/ac
- Harvest early to mid September
- Good weed control still achieved with slightly lower population density
- Ideal in fertile sandy loam or silty soils

ANKA

Grain Yield Avg: 1200 - 1400 lb/ac
Fiber Yield Avg: 4000 lb/ac
Avg Height: 6' - 8'
Non-GMO UniSeed Variety

Strengths:

- THC less than 0.3%
- High grain & straw yields
- Low maintenance fertility requirements
- Long performance track record in Canada
- Possible to follow with a fall seeded crop

Management:

- 15" row spacing
- Grain: sow mid to late May at 20 lb/ac
- Straw: sow late April to early May at 30 lb/ac harvest July-August
- Ideal in fertile sandy loam or silty soils
- Tight row spacing for weed control

RIGEL *COMING IN 2020*

- Non-GMO UniSeed Variety
- "supergiant" fiber stalks
- THC less than 0.3%
- High Fiber yields
- Height 6' - 8'
- Strong grain yields
- 15" row spacing