Ursa™ ‘Alta’

- Ursa™ ‘Alta’ is competitive with commercial fiber cultivars in NY.
- Its yield maximizes at northern U.S. latitudes due to short critical day length to trigger flowering.
- It consistently produced an undetectable total THC.

**Figure 1.** Mean dry retted straw yield of 12 fiber hemp cultivars tested in Geneva, NY in 2022.
Figure 2. Mean canopy heights of 12 fiber hemp cultivars tested in Geneva, NY in 2022.

Performance across latitudes

Figure 3. Mean dry retted straw yield of Ursa ‘Alta’ cultivated at different latitudes in 2022.
Ursa™ ‘Grande’

- *Ursa™ ‘Grande’* is competitive with commercial dual cultivars in NY.
- Its competitive grain yield is complemented with significantly larger seed size and dry-retted straw yield.
- Its grain yield and seed size increase at greater latitudes, suggesting a positive correlation with flowering time. Also, bird pressure must be considered due to potential yield losses (seen in Ithaca, NY).
- Seed crude protein content per dry weight fluctuated between 21% to 35% in 2022.
- It consistently produced an undetectable total.

**Figure 4.** Mean grain yield (at 8% moisture content) of three (out of 17 planted) dual-purpose hemp cultivars tested in Geneva, NY in 2022.

**Figure 5** Mean seed quantity per pound harvested (at 8% moisture content) of three (out of 17 planted) dual-purpose hemp cultivars tested in Geneva, NY in 2022.
Figure 6. Mean dry retted straw yield of three (out of 17 planted) dual-purpose hemp cultivars tested in Geneva, NY in 2022.

Figure 7. Mean canopy heights of 18 dual-purpose hemp cultivars tested in Geneva, NY in 2022.

Performance across latitudes

Figure 8. Mean grain yield (at 8% moisture content) of Ursa ‘Grande’ cultivated at different latitudes in 2022.

Figure 9. Mean seed quantity per pound harvested (at 8% moisture content) of Ursa ‘Grande’ cultivated at different latitudes in 2022.