

New York Seed Improvement Project
Cornell Foundation Seed Program
2024 Fall Grain Varieties for 2025 Delivery

NEW! TOWPATH WINTER WHEAT (NY99056-161) is an awned, white-chaffed, soft white winter wheat released by Cornell University. Grain yield is higher compared to Caledonia and Medina. Test weight is good to excellent. Good lodging resistance and winter hardiness. Towpath has the highest level of resistance to Fusarium Head Blight (scab) of any variety grown in NY and is rated as moderately resistant. Towpath is resistant to Wheat Spindle Streak Mosaic Virus and moderately resistant to powdery mildew. Towpath has satisfactory milling and baking properties. It is moderately susceptible to preharvest sprouting. This line will be offered to the New York seed industry as a non-exclusive release variety with Breeder, Foundation, and Certified classes.

LIGHTNING WINTER BARLEY (DH130910) is a two-row facultative malting barley co-released by Oregon State University and the Cornell Small Grains Program. Lightning was bred for fall-planting, but it will flower under spring-planted conditions as well. Lightning has passed its first year of the American Malting Barley Association (AMBA) pilot scale program, being rated as satisfactory. In New York, over three years of state-wide winter barley trials, Lightning grain yields are 9% above the mean of current check varieties, KWS Scala and Endeavor. It was similar to KWS Scala for height and 4 inches shorter than Endeavor. In New York, Lightning is equal to KWS Scala for winter survival and more winter hardy than Endeavor. Lightning is resistance to scald and Fusarium Head Scab. **\$0.06/lb research assessment.**

ERIE WINTER WHEAT (OH02-12686) – Erie is a tan chaffed, awnless soft red winter wheat germplasm release by Ohio State University that has excelled in Cornell trials. It is high yielding. Milling quality is lower than recent Ohio varieties, but acceptable in New York. It has a unique combination of strong resistance to many fungal diseases, including excellent resistance to FHB including having low DON accumulation. Erie IS a Quality Assurance variety with two generations (Parent and commercial). **\$0.02/LB royalty.**

AROOSTOOK RYE is a joint release between USDA, Cornell University and the Maine Department of Agriculture. Especially selected for its characteristic late fall prostrate growth and early spring vigor, AROOSTOOK serves as an important cover crop variety. The area of adaptation extends from Northern Maine throughout the Northeast and Middle Atlantic States. AROOSTOOK has a Registered Class.