

Newly released varieties



Fuyuwarabe

'Fuyuwarabe' is a bunching onion variety with short and thick plants, which reduces labor requirements when building up soil around the stem to provide pseudostem blanching and shortens the growing period.

The green blades of 'Fuyuwarabe' and its blanched white pseudostem are soft and slightly pungent.



Saeakari

'Saeakari' is a semi-early, high-yielding tea variety with excellent quality and practical field resistance to anthracnose and gray blight.

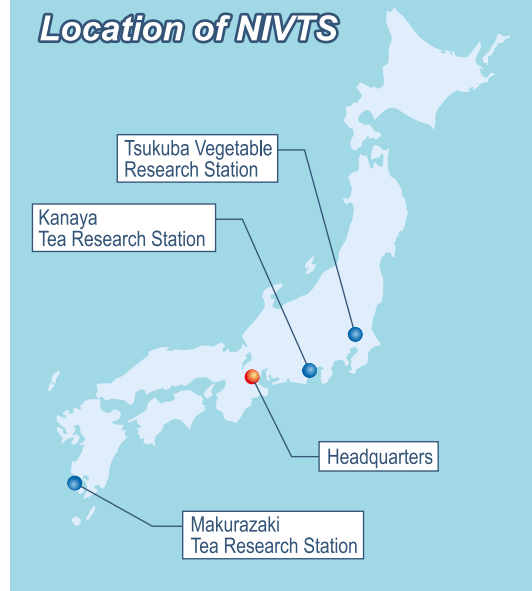
'Saeakari' is expected to take the place of 'Yabukita', currently the most popular cultivar in Japan, in part for early harvesting areas.



Anominori

'Anominori' is a parthenocarpic eggplant variety. It has the ability to set fruits without pollination or the use of a fruit-set hormone.

Location of NIVTS



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NARO Institute of Vegetable and Tea Science



About NIVTS



Director-General
Ken-ichiro HONDA

Our goal is to contribute to the development of Japan's vegetable and tea industries and promote tasty food and a healthful lifestyle by developing the following:

- vegetable and tea cultivars with high quality and productivity, and
- low-cost, stable, and high-yield production and supply systems with a low environmental load.



Organization of NIVTS

Director-General

Director of Tea Research (Kanaya)

Department of Planning and
General Administration
(Ano, Kanaya, Makurazaki)

Vegetable Breeding and Genome Division
(Ano)

Vegetable Pest Management and
Postharvest Division (Ano)

Vegetable Production Technology Division
(Tsukuba)

Tea Research Division (Kanaya, Makurazaki)

Research Support Center
(Ano, Kanaya, Makurazaki)

About NIVTS Research

Development of a stable and high-yield production system for vegetables and tea

We are developing techniques to achieve a good balance between labor-saving, low-cost, stable production, and also reducing the environmental load.



A large-scale greenhouse (a "plant factory") that systematizes the use of advanced technologies



Creation of a manual for dealing with the Tomato yellow leaf curl virus

Development of technologies for advance in consumer demand for vegetables and tea

We are developing technologies to maximize the competitive superiority of domestic vegetables and tea by taking advantage of their diversity and characteristics as food materials.



A new strawberry cultivar 'Tokun' with a rich aroma and a new taste



A new tea cultivar 'Sunrouge' with a high anthocyanin content

Research that responds to the needs of producers, distributors, and consumers

We are promoting practical research to solve the most important problems in vegetable and tea production, distribution, and consumption.



Non-destructive and precise estimation of tomato lycopene content



Development of low-cost and stable production systems for leaf and root vegetables

Epoch-making technology research for the future

We are challenging in the field of basic and applied researches to develop a long-term view for the future of the vegetable and tea industries and, eventually, for all of Japanese agriculture.



Development of a new Chinese cabbage F1 cultivar 'Akimeki' with high resistance to clubroot by using marker-assisted selection



Relieving the symptoms of allergic rhinitis (Japanese cedar pollinosis) by drinking 'Benifuuki' green tea