

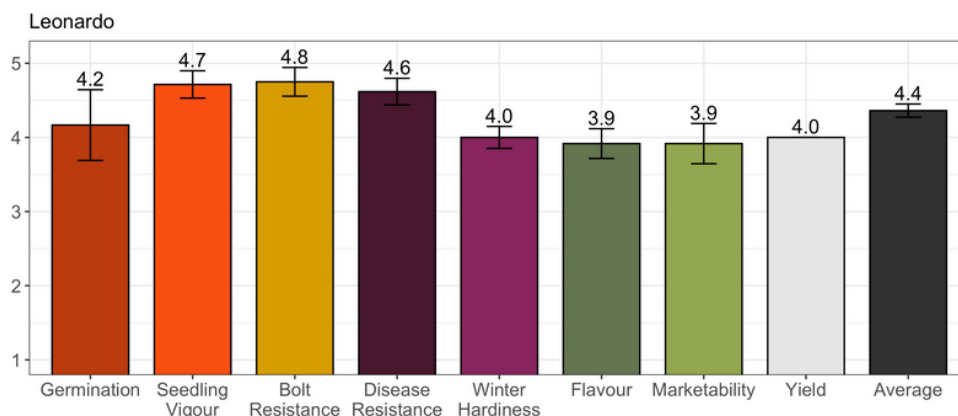
# Vancouver Island Winter Vegetable Variety Trial

## Chicory Results Summary

**Project Overview:** The Vancouver Island Winter Vegetable Variety Trial (VIVT) evaluated seven varieties of chicory on eight vegetable farms in five regions: Victoria, Cowichan Valley, Nanaimo, Alberni Valley, and Comox Valley. The objectives of this project were to build capacity for on-farm and grower participatory variety trials on Vancouver Island and evaluate winter-harvest varieties for growing season extension.

**Methods:** Trial plots were planted, managed, and evaluated by farmers with assistance from the Sustainable Agricultural Landscapes Lab at the University of British Columbia. Results for the top three chicory varieties are included here. Chicory was seeded in mid-June, transplanted in late July at 10-12" in-row spacing, and harvested late November 2022. Irrigation, fertilization, and other management decisions were determined by growers on a farm-by-farm basis. All varieties were evaluated on seven traits on a 1-5 scale by farmer participants; 1-poor to 5-excellent.

### LEONARDO



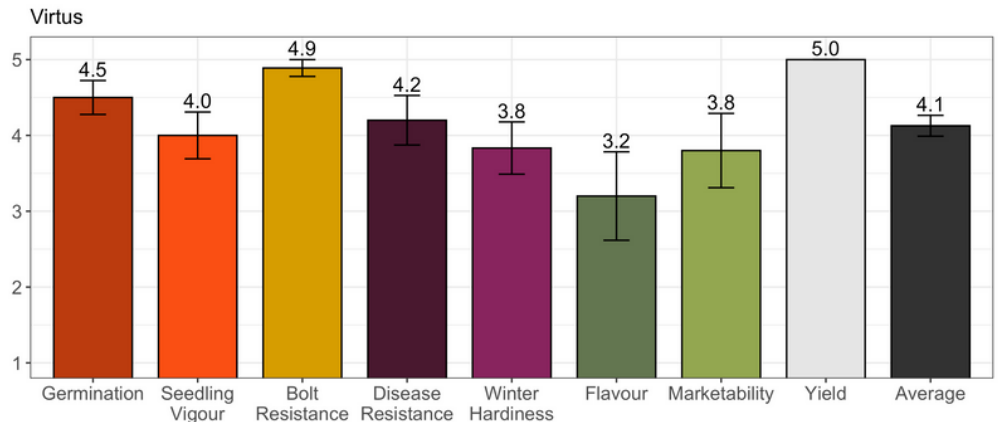
*Summary of average ratings, error bars indicate standard error.*

- **Highest rated overall**
- Ranked highest in seedling vigour, winter hardiness, and marketability
- **100%** of growers would grow again
- **Description:** Rosso di Chioggia type Radicchio forms dense, cabbage-like heads with deep red leaves and wide, radiating, white ribs. Its striking colour and consistent, recognizable appearance contributed to its high marketability.
- **Cold hardiness:** withstood light frost without damage. Outer leaves showed signs of frost damage after several hard frosts, but most heads remained harvestable.
- Winter hardiness and consistent heading of this variety contributed to a higher yield than other Rosso di Chioggia types
- **Average yield:** 1.304 kg/bed m

# Vancouver Island Winter Vegetable Variety Trial

## Chicory Results Summary

### VIRTUS



Summary of average ratings, error bars indicate standard error.

- **Second highest rated overall**
- Ranked highest in germination, bolt resistance, and yield
- **80%** of growers would grow again
- **Description:** Sugarloaf type Radicchio forms light green, romaine-like heads
- **Pest damage:** minimal pest damage, small holes and leaf edge discolouration
- **Cold hardiness:** inconsistent winter hardiness, some reports of significant damage several layers deep after snow cover and melt
- **Average yield:** 1.902 kg/bed m



Scan to view full trial results video!

For detailed trial results contact Raelani Kesler, [raelani.kesler@ubc.ca](mailto:raelani.kesler@ubc.ca)



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FUNDING PROVIDED BY



Funding for this project has been provided the Governments of Canada and British Columbia through the Canadian Agricultural Partnership, a federal-provincial-territorial initiative. Additional funding has been provided by Cowichan Valley Regional District. The program is delivered by the Investment Agriculture Foundation of BC. Opinions expressed in this document are those of the author and not necessarily those of the governments of Canada and British Columbia, Cowichan Valley Regional District, and the Investment Agriculture Foundation of BC. The governments of Canada, British Columbia, Cowichan Valley Regional District, Investment Agriculture Foundation of BC, and its directors, agents, employees, or contractors will not be liable for any claims, damages, or losses of any kind whatsoever arising out of the use of, or reliance upon, this information.