



## Spring/Summer 2024

### Green Cuttings

Unrooted green cuttings (shoots) – approximately 12-18 inches long, averaging 5 nodes per cutting.

### Tissue Culture Micropropagules

Unrooted Shoots – small (1" to 2") shoot tip cuttings containing approximately two nodes that have been surface sterilized and placed into tissue culture media to harden and callus before shipment.

Rooted Plantlets – larger (2" to 3") proliferated shoot tip cuttings at least two nodes that been grown in tissue culture for a period sufficient to produce (~1" long") roots.

Tissue culture orders are taken year-round and have a lead time of 3-6 weeks minimum. On order form indicate desired delivery window.

### Plug Flat – 50 cells

8–10 week-old, rooted softwood cutting, 1.75" x 2" round Ellepot plug flat.

Plug orders are taken year-round for a \*select number of varieties and have a lead time of 10-12 weeks. On the order form indicate desired delivery window.

\*“X”- Varieties are available for Winter/Spring delivery. All varieties will be available for Spring/Summer delivery.

### Rhizomes

Not available until Winter 2024



*NCPN – Hop Foundation in contained screenhouse located at Clean Plant Northwest in Prosser, WA.*

### How to Order?

Visit our website at [cpcnw.wsu.edu](https://cpcnw.wsu.edu) and check out our “Available Materials – Hops” page for instructions on placing an order and product pricing.

### Why “clean” planting stock?

Viruses cause significant damage to hop plants ultimately reducing plant yield and quality. The best way to manage viruses is to not have them in the first place. Our germplasm has been tested and found free of these viruses and are stored under controlled conditions to prevent reinfection.

Our program works to produce and distribute cuttings and plantlets to U.S. growers.

| Accession ID | Type | Name of Variety      |
|--------------|------|----------------------|
| 19-H-D-061   | Hop  | Alpharoma            |
| 19-H-D-069   | Hop  | Bitter Gold          |
| 22-H-D-001   | Hop  | Blue Northern Brewer |
| 19-H-D-071   | Hop  | Bramling             |
| 19-H-D-005   | Hop  | Cascade              |
| 19-H-D-068   | Hop  | Cashmere             |
| 19-H-D-054   | Hop  | Centennial           |
| 19-H-D-042   | Hop  | Chinook              |
| 19-H-D-050   | Hop  | Cluster (L-8)        |
| 19-H-D-011   | Hop  | Columbia             |
| 19-H-D-013   | Hop  | Columbus             |
| 19-H-D-002   | Hop  | Comet                |
| 19-H-D-004   | Hop  | Crystal              |
| 19-H-D-014   | Hop  | E-2                  |
| 19-H-D-007   | Hop  | Eroica               |
| 19-H-D-049   | Hop  | Fuggle               |
| 19-H-D-008   | Hop  | Galena               |
| 19-H-D-006   | Hop  | Glacier              |
| 19-H-D-075   | Hop  | Hallertau m.f.       |
| 19-H-D-062   | Hop  | Horizon              |
| 19-H-D-052   | Hop  | Liberty              |
| 19-H-D-060   | Hop  | Magnum               |
| 19-H-D-012   | Hop  | Mt. Hood             |
| 19-H-D-055   | Hop  | Mt. Rainier          |
| 19-H-D-010   | Hop  | Newport              |
| 19-H-D-001   | Hop  | Nugget               |
| 19-H-D-070   | Hop  | Olympic              |
| 19-H-D-045   | Hop  | Oregon Cluster       |
| 19-H-D-066   | Hop  | Perle                |
| 19-H-D-072   | Hop  | Pocket Talisman      |
| 19-H-D-059   | Hop  | Saaz 72              |
| 19-H-D-019   | Hop  | Santiam              |
| 19-H-D-003   | Hop  | Sorachi Ace          |
| 19-H-D-057   | Hop  | Sterling             |
| 19-H-D-065   | Hop  | Styrian Golding      |
| 19-H-D-009   | Hop  | Tahoma               |
| 19-H-D-056   | Hop  | Teamaker             |
| 19-H-D-051   | Hop  | Tettnanger           |
| 19-H-D-063   | Hop  | Triple Perle         |
| 19-H-D-076   | Hop  | Triumph              |
| 19-H-D-047   | Hop  | UK Serebrianka       |
| 19-H-D-015   | Hop  | Ultra                |
| 19-H-D-048   | Hop  | Vanguard             |

|            |     |                |
|------------|-----|----------------|
| 21-H-D-001 | Hop | Vista          |
| 19-H-D-044 | Hop | Willamette     |
| 19-H-D-067 | Hop | Yakima Gold    |
| 19-H-D-064 | Hop | Zatecki Cerven |
| 19-H-D-053 | Hop | Zeus           |