

# HOP SOLUTIONS T-45 HOP PELLETS



## What Are T-45 Hop Pellets?

Type 45 hop pellets are also known as “concentrated hop pellets” or “lupulin-enriched hop pellets.” They are sold under various brand names.

T-45 pellets contain a higher concentration of the aromatic oils and bittering resins from whole hop cones, while the proportion of polyphenols and other vegetative matters and polyphenols is reduced.

## How T-45 Hop Pellets Are Made

**MILL AT -30°C** → **SIEVE AT -30°C** → **MIX & PELLETIZE**

Lupulin glands are rigid at cold temperatures, which makes separation easier.

Vegetative material is separated by sieve, and a lupulin-rich hop powder is left.

The sieved powder is mixed back with some vegetative matter for consistency, and pressed through a pellet die.

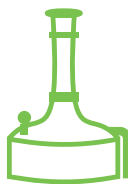
## Benefits of T-45 Hop Pellets



Cost Savings



Increased Beer Yield



Decreased Wort Losses



Bigger Hop Punch



Lower Logistics Cost

**US Sales:** 1.800.374.2739  
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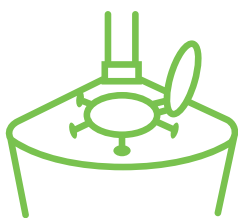


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## How to Brew with T-45 Pellets



T-45 Hop Pellets can be used anywhere T-90 pellets would be incorporated, but are ideal for aroma and whirlpool additions, as well as dry hopping during or after fermentation.

Due to the higher concentration of acids and oils in T-45 pellets, hop charges in many recipes can be reduced by approximately 50% vs. T-90 pellets or whole hop cones. We recommend conducting trials to determine the optimal T-45 usage rate for your formulation.

## Available Varieties

### German Amarillo® T-45

Tropical Punch  
Stone Fruit  
Citrus

### Ariana T-45

Berries  
Citrus  
Herbal

### Callista T-45

Stone Fruit  
Berries  
Passion Fruit

### Huell Melon T-45

Melon  
Strawberry  
Tropical

### Mandarina Bavaria T-45

Citrus  
Lime  
Tropical

### Hallertau Mittelfrüh T-45

Sweet  
Herbal  
Floral

### Hallertau Blanc T-45

Passion Fruit  
Tropical  
Lemongrass

... MORE TO COME!

For more info please visit <https://bsgcraftbrewing.com/introducing-T45>

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