



SHIPPING INFORMATION GUIDE



QUALITY & CERTIFICATES

Certificates are available for download at:

www.yakimachief.com/commercial/about-us/quality-certifications

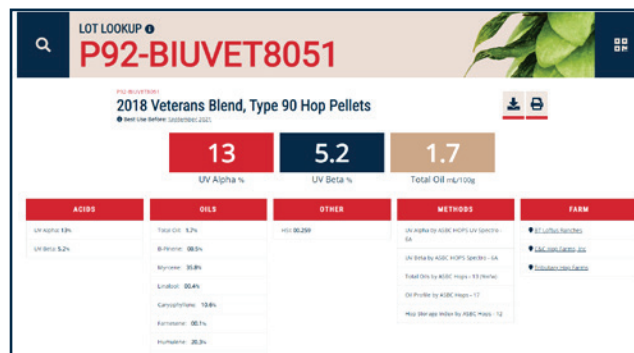
- **ISO 9001 Certification**
- **ISO 14001 Certification**
- **Food Grade & Health**
 - Food & Health Certificate
 - Food Grade Extraction Process Declaration
- **Kosher & Halal Certification**
- **Food Safety Report**
- **Organic Certificates**
 - Yakima & Sunnyside Processing Certificates
 - Grower Certificates
- **Melamine Free Statement**
- **Vegan Declaration**
- **Mycotoxin Free Statement**
- **Microorganisms Statement**
- **Chloroanisole Free Statement**
- **YCH Letter of Guarantee**
- **HACCP Hazard Analysis**

LOT LOOKUP TOOL

Yakima Chief Hops invites its brewing partners to enjoy a new way of viewing, organizing, and storing their hop data, digitally, with the YCH Mobile Lot Lookup App. This custom app allows brewers the ability to easily access valuable information regarding their hop products purchased through YCH, including brewing specifications, oil content, crop year, harvest date and the farm from which it was sourced.

YCH Lot Lookup Tool is available online at:

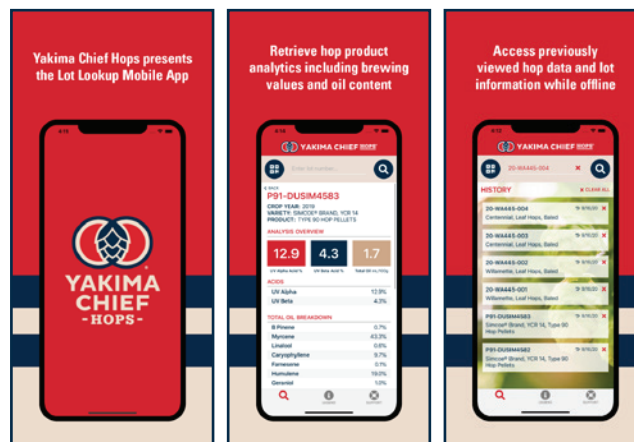
www.yakimachief.com/commercial/resources/lot-lookup



YCH Mobile Lot Lookup App is available for download on:

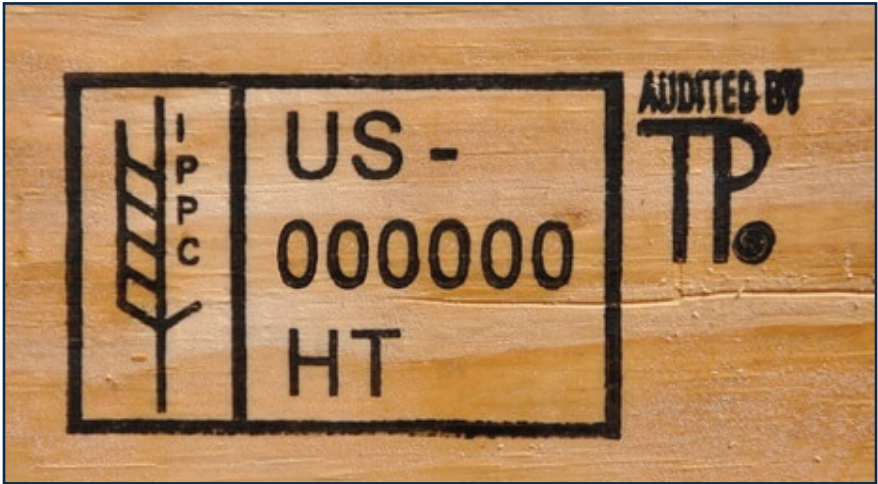
[Apple App Store](#)

[Android Google Play](#)



WOOD PALLETS

All pallets are Heat Treated and stamped with the IPPC Seal.



Yakima Chief Hops Wood Pallet Specifications:

TYPE	WEIGHT	LENGTH	WIDTH
WOOD	45 lbs (20.40 kg)	48 in. (121.90 cm)	40 in. (101.60 cm)



PRODUCT DATA, SPECIFICATION & SAFETY DATA SHEETS

Yakima Chief Hops provides product data, specification and safety data documents for each product type. This includes Fresh Hops, Frozen Fresh Hops, Whole Leaf Hops, T-90 Hop Pellets, American Noble Hops™ Pellets, Cryo Hops® Pellets, CO₂ Hop Extract and other Advanced Products.

YCH Product Data, Specification & Safety Data Sheets are available online at:

www.yakimachief.com/commercial/resources/product-sheets

Page 1: Product Data Sheet

**YAKIMA CHIEF HOPS®**



T-90 HOP PELLETS

 **PRODUCT DATA SHEET**

Page 2: Specification Sheet

**YAKIMA CHIEF HOPS®**



T-90 HOP PELLETS

 **SPECIFICATION SHEET**

Page 3+: Safety Data Sheets

**YAKIMA CHIEF HOPS®**



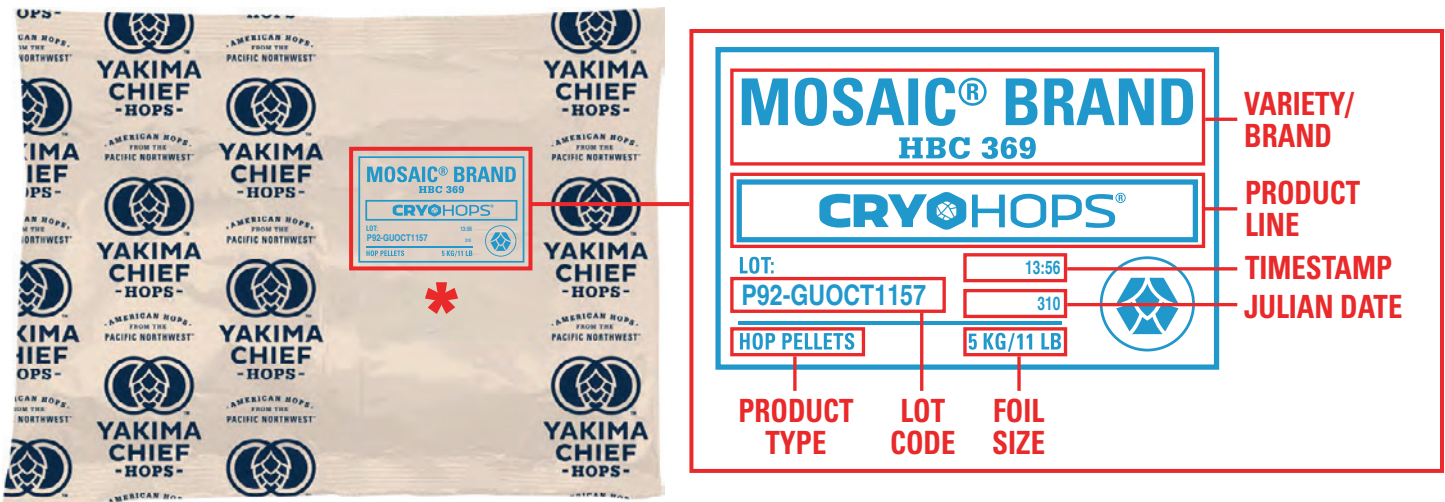
T-90 HOP PELLETS

 **SAFETY DATA SHEET**

PACKAGING LABELS

Yakima Chief Hops' hop products are packaged in food grade mylar foil to ensure quality. Food contact packaging information is available upon request. Please contact quality@yakimachief.com.

FOIL LABELS



CARTON LABELS

The data matrix code on the YCH Carton Label can be scanned using the YCH Mobile Lot Lookup App to find all certificate of analysis information. You can also utilize the Lot Code on both the YCH Lot Lookup Tool webpage and the YCH Mobile Lot Lookup App.



PACKAGING SOURCING

Responsibility for our products extend beyond the walls of our operations. We're constantly looking for ways to incorporate recycled materials into our packaging, to increase recycling rates around the world through the recovery and reuse of materials, to reduce the amount of material we use in our packaging, and to educate consumers on the importance of recycling.

YCH sources all corrugated cartons under the Sustainable Forestry Initiative. Demonstrating to our customers that the material is certified to the SFI 2022 Certified Sourcing Standard, comes from recycled content, and from a certified forest.



WHOLE LEAF HOPS

NAME	MINI BALE	QUARTER BALE	FROZEN FRESH HOPS	STANDARD BALE	WOLF BALE
NET LBS	11	50	10	195-205	145-155
NET KG	5	22.68	4.50	88-93	65-71
GROSS LBS	13.45	56	13	N/A	N/A
GROSS KG	6.10	25.40	5.89	N/A	N/A
LENGTH	17 in. (43.18 cm)	22 in. (55.88 cm)	24 in. (60.96 cm)	55 in. (139.70 cm)	48 in. (121.92 cm)
WIDTH	10 in. (25.40 cm)	16 in. (40.64 cm)	16 in. (40.64 cm)	17 in. (43.18 cm)	24 in. (60.96 cm)
HEIGHT	21 in. (53.34 cm)	32 in. (81.28 cm)	8 in. (20.32 cm)	28 in. (71.12 cm)	22.5 in. (57.15 cm)
UNITS/PALLET	20	10	25	N/A	N/A
LAYERS	2	2	5	N/A	N/A
CARTONS/LAYER	10	5	5	N/A	N/A
PALLET DIMS	48 x 40 x 47 in. 121.92 x 101.60 x 119.39 cm	48 x 40 x 68 in. 121.92 x 101.60 x 172.72 cm	48 x 40 x 45 in. 121.92 x 101.60 x 114.30 cm	N/A	N/A

WHOLE LEAF MINI BALE CARTON



YAKIMA CHIEF HOPS®

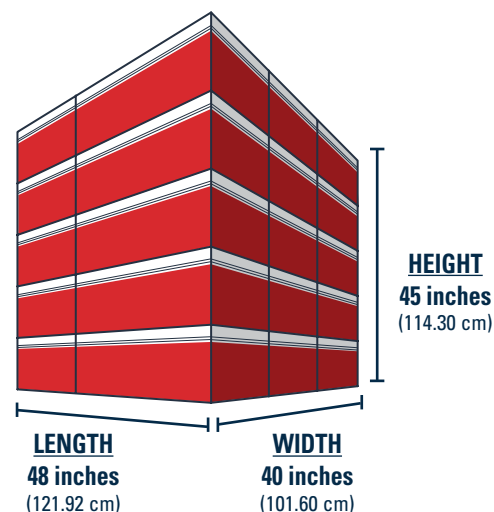
T-90 HOP PELLETS & CRYO HOPS® PELLETS

NAME	5 KG	4 x 5 KG	2 x 10 KG
NET LBS	11	44	44
NET KG	5	20	20
GROSS LBS	12.34	47.40	47.40
GROSS KG	5.60	21.50	21.50
LENGTH	16 in. (40.64 cm)	24 in. (60.96 cm)	24 in. (60.96 cm)
WIDTH	10 in. (25.40 cm)	16 in. (40.64 cm)	16 in. (40.64 cm)
HEIGHT	6 in. (15.24 cm)	8 in. (20.32 cm)	8 in. (20.32 cm)
UNITS/PALLET	72	25	25
LAYERS	6	5	5
CARTONS/LAYER	12	5	5
PALLET DIMS	48 in. x 40 in. x 42.5 in. 121.92 x 101.60 x 107.95 cm	48 in. x 40 in. x 45 in. 121.92 x 101.60 x 114.30 cm	48 in. x 40 in. x 45 in. 121.92 x 101.60 x 114.30 cm

20KG T-90/CRYO HOPS® CARTON DIMS



20KG T-90/CRYO HOPS® PALLET DIMS



C02 HOP EXTRACT

** Assuming Alpha is 58%

NAME	24 x 150 GMA Tins	12 x 300 GMA Tins	12 x 500 GMA Tins	Drums	20 KG Pail
NET LBS	13.60	13.60	22.79	440.90	44.09
NET KG	6.20	6.20	10.34	200	20
GROSS LBS	18.96	17.42	26.98	480.60	47.40
GROSS KG	8.60	7.90	12.24	218	21.50
LENGTH	16.5 in. (41.91 cm)	16.5 in. (41.91 cm)	16.5 in. (41.91 cm)	24 in. OD (60.96 cm)	11 in. (27.94 cm)
WIDTH	12.5 in. (31.75 cm)	12.5 in. (31.75 cm)	12.5 in. (31.75 cm)	24 in. OD (60.96 cm)	9 in. (22.86 cm)
HEIGHT	8.5 in. (21.59 cm)	6.5 in. (16.51 cm)	6.5 in. (16.51 cm)	34 in. (86.36 cm)	15 in. (38.10 cm)
UNITS/PALLET	960	576	576	3	32
LAYERS	5	6	6	1	2
CARTONS/LAYER	8	8	8	3	16
PALLET DIMS	48 in. x 40 in. x 45.5 in. 121.92 x 101.60 x 115.57 cm	48 in. x 40 in. x 41.5 in. 121.92 x 101.60 x 105.41 cm	48 in. x 40 in. x 41.5 in. 121.92 x 101.60 x 105.41 cm	48 in. x 40 in. x 40.5 in. 121.92 x 101.60 x 102.87 cm	48 in. x 40 in. x 36.5 in. 121.92 x 101.60 x 92.71 cm

300GMA EXTRACT CARTON



SMALL PACK

NAME	T-90/Cryo Hops® 100 x 1 oz.	T-90/Cryo Hops® 100 x 2 oz.	T-90/Cryo Hops® 10 x 1 lb.	Whole Leaf 10 x 1 lb.
NET LBS	6.25	12.50	10	10
NET KG	2.80	5.60	4.50	4.50
GROSS LBS	8.25	14.50	12	12
GROSS KG	3.70	6.50	5.40	5.40
LENGTH	11.625 in. (29.5275 cm)	11.625 in. (29.5275 cm)	11.625 in. (29.5275 cm)	19.625 in. (49.8475 cm)
WIDTH	9.625 in. (24.4475 cm)	9.625 in. (24.4475 cm)	9.625 in. (24.4475 cm)	11.625 in. (29.5275 cm)
HEIGHT	8.9375 in. (22.70125 cm)	8.9375 in. (22.70125 cm)	8.9375 in. (22.70125 cm)	14.125 in. (35.8775 cm)
UNITS/PALLET	96	96	96	32
LAYERS	6	6	6	4
CARTONS/LAYER	16	16	16	8
PALLET DIMS	48 in. x 40 in. x 62.5 in. 121.92 x 101.60 x 158.75 cm	48 in. x 40 in. x 62.5 in. 121.92 x 101.60 x 158.75 cm	48 in. x 40 in. x 62.5 in. 121.92 x 101.60 x 158.75 cm	48 in. x 40 in. x 64.5 in. 121.92 x 101.60 x 163.83 cm



YAKIMA CHIEF HOPS®

INTERNATIONAL CONTAINER SHIPMENTS - REEFER

Max weights vary per shipping lane, please consult with Yakima Chief Hops or the designated shipping agent for max weight restrictions or special loading request.

PRODUCT	CLASS	NMFC	HTS "SCHEDULE B CODE"	HS CODE
HOP PELLET	70	099992	1210.20.0020	1210.20
RAW HOP	110	099990	1210.10.0000	1210.10
EXTRACT	70	072910	1302.13.0000	1302.13

20' REEFER Container (18 Pallets Max)

ALL REGIONS	# PALLETS	TOTAL NET KG	TOTAL GROSS LBS	TOTAL GROSS KG
1 x 5 KG	18	6,480	16,802.64	7,621.56
4 x 5 KG	405 CARTONS	8,100	20,007	9,075.03
2 x 10 KG	405 CARTONS	8,100	20,007	9,075.03
MINI BALE	9	900	2,826	1,281.85
QUARTER BALE	9	2,041.20	5,445	2,469.80

40' REEFER Container (40 Pallets Max)

ALL REGIONS	# PALLETS	TOTAL NET KG	TOTAL GROSS LBS	TOTAL GROSS KG
1 x 5 KG	40	14,400	37,339.20	16,936.80
4 x 5 KG	40	20,000	49,200	22,316.77
2 x 10 KG	40	20,000	49,200	22,316.77
MINI BALE	40	4,000	12,560	5,697.13
QUARTER BALE	20	4,536	12,100	5,488.47



INTERNATIONAL CONTAINER SHIPMENTS - DRY

20' DRY Container (20 Pallets Max)

ALL REGIONS	# PALLETS	TOTAL NET KG	TOTAL GROSS LBS	TOTAL GROSS KG
1 x 5 KG	20	7,200	18,669.96	8,468.40
4 x 5 KG	20	10,000	24,600	11,158.38
2 x 10 KG	20	10,000	24,600	11,158.38
MINI BALE	10	1,000	3,140	1,424.28
QUARTER BALE	10	2,268	6,050	2,744.24
24 x 150 GMA TINS	20	4,965.52	16,079.95	7,293.75
12 x 300 GMA TINS	20	5,958.62	17,634.42	7,998.85
12 x 500 GMA TINS	20	9,931.03	5,517.21	12,163.37
DRUMS	20	12,000	29,736	13,488.04

40' DRY Container (42 Pallets Max)

ALL REGIONS	# PALLETS	TOTAL NET KG	TOTAL GROSS LBS	TOTAL GROSS KG
1 x 5 KG	42	15,120	39,206.20	17,783.64
4 x 5 KG	42	21,000	51,660	23,432.60
2 x 10 KG	42	21,000	51,660	23,432.60
MINI BALE	42	4,200	13,188	5,981.98
QUARTER BALE	21	9,299	12,705	5,762.90
24 x 150 GMA TINS	42	10,427	33,678	15,276
12 x 300 GMA TINS	42	12,513	36,942	16,757
12 x 500 GMA TINS	42	20,855	56,222	25,502
DRUMS	37	22,200	55,012	24,953



DOMESTIC FTL SHIPMENTS

PACK SIZE	DRY FTL MAX PALLETS	REF FTL MAX PALLETS
1 x 5 KG	34	34
4 x 5 KG	34	34
2 x 10 KG	34	34
MINI BALE	60	60
QUARTER BALE	30	30
24 x 150 GMA TINS	34	34
12 x 300 GMA TINS	34	34
12 x 500 GMA TINS	34	34
DRUMS	30	N/A

DOMESTIC PARCEL VS LTL (LESS THAN TRUCKLOAD) INFORMATION:

LTL	> 432 GROSS LBS
PARCEL	< 432 GROSS LBS

Yakima Chief Hops is proud to offer climate neutral shipping options on our domestic shipping lanes through our partnership with UPS. Dollars generated through this agreement help to fund sustainable projects such as capturing methane landfill emissions to generate electricity in Southeast USA. In 2021, YCH offset 343 Metric Tons of CO₂ emissions through this program. YCH will continue to expand our climate neutral shipping strategy to our global shipments in the future.



Led by our innovation capabilities as a company, we are leveraging our creativity to rethink our packaging design to incorporate sustainable options without jeopardizing quality of our products. We are doing this by working closely with our suppliers to assess, develop and implement sustainable packaging technologies for all product offerings.

SHIPPING OPERATIONS CONTACTS

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