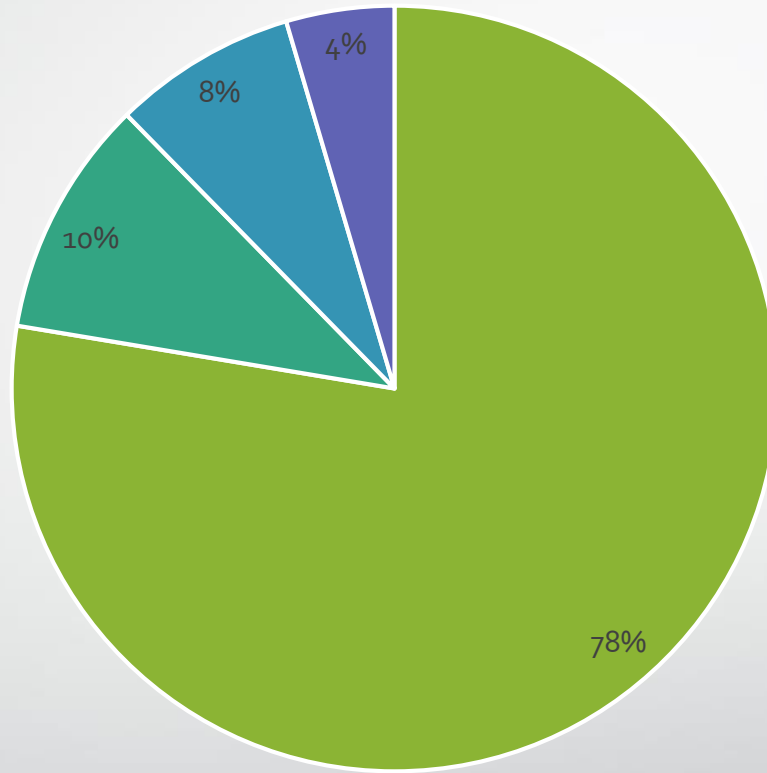




EAST COAST VS WEST COAST IPA

EAST COAST MALT BILL



■ 2-Row ■ Munich ■ Malted Wheat ■ Flaked Oats

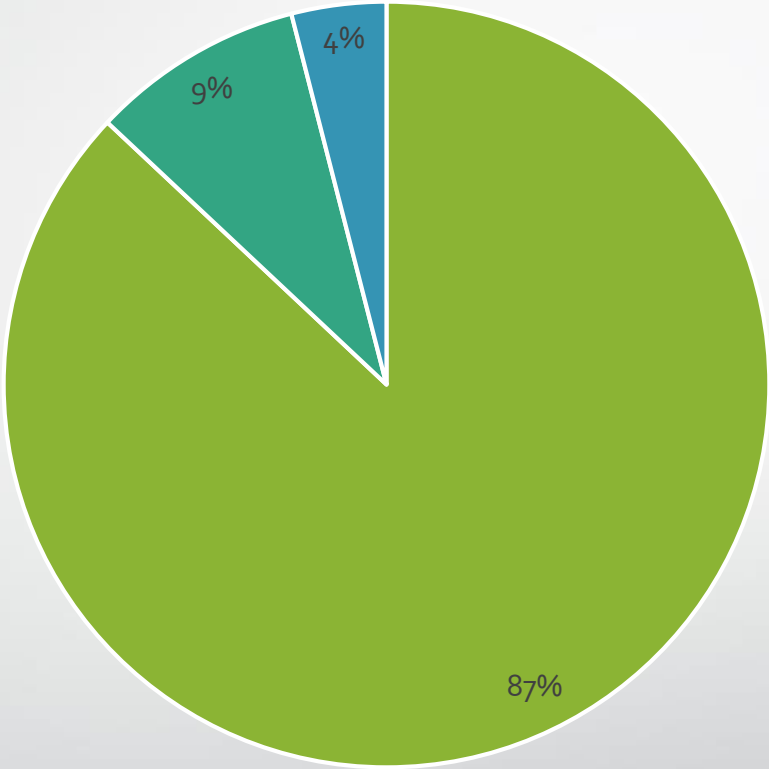
OG: 15.4P

FG: 2.7P

SRM: 4.7

ABV: 6.9%

WEST COAST MALT BILL



■ 2-Row ■ Munich ■ Flaked Wheat

OG: 15.5P

FG: 2.7P

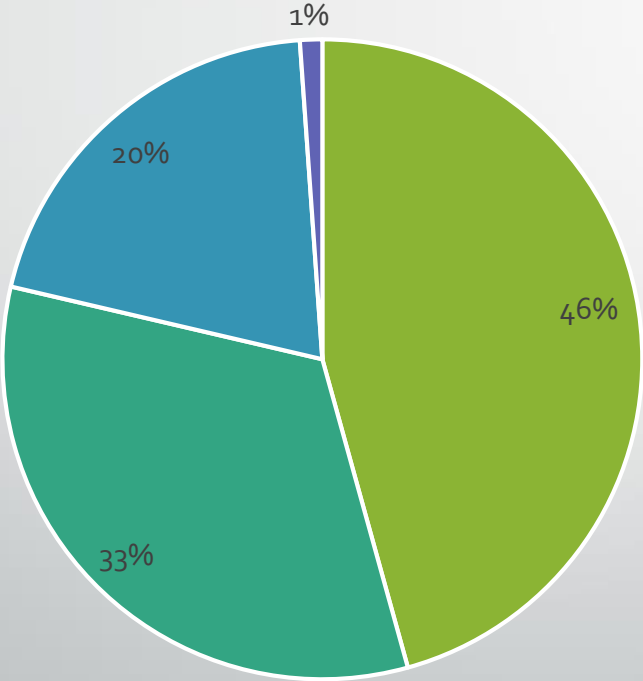
SRM: 5

ABV: 7.0%

EAST COAST HOP BREAKDOWN

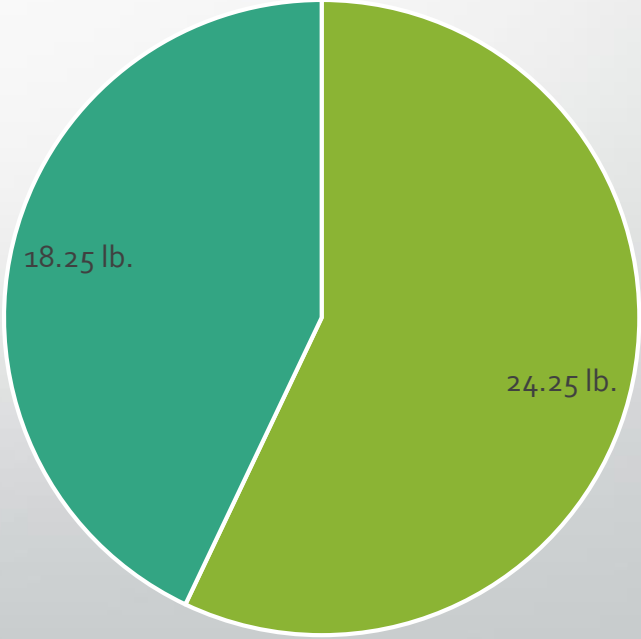
VARIETY

*T90 equivalent assuming Cryo is 2X concentrate



■ SIMCOE ■ LORAL ■ CITRA ■ COLUMBUS

PELLET FORM

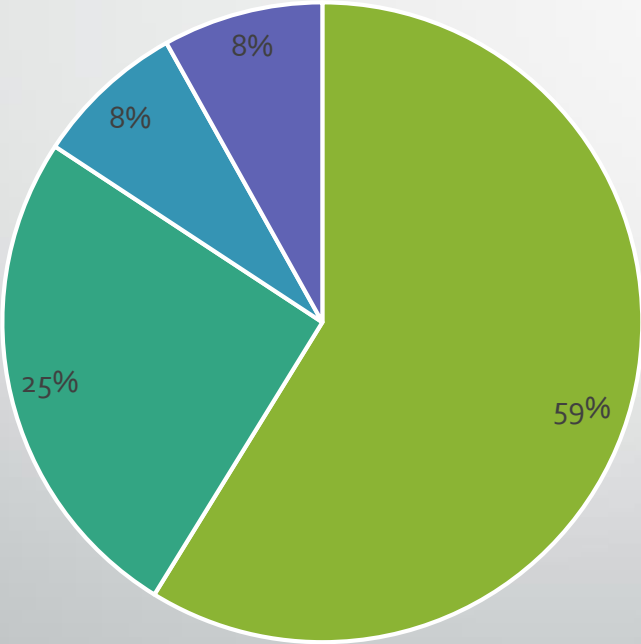


■ CRYO ■ t90

WEST COAST HOP BREAKDOWN

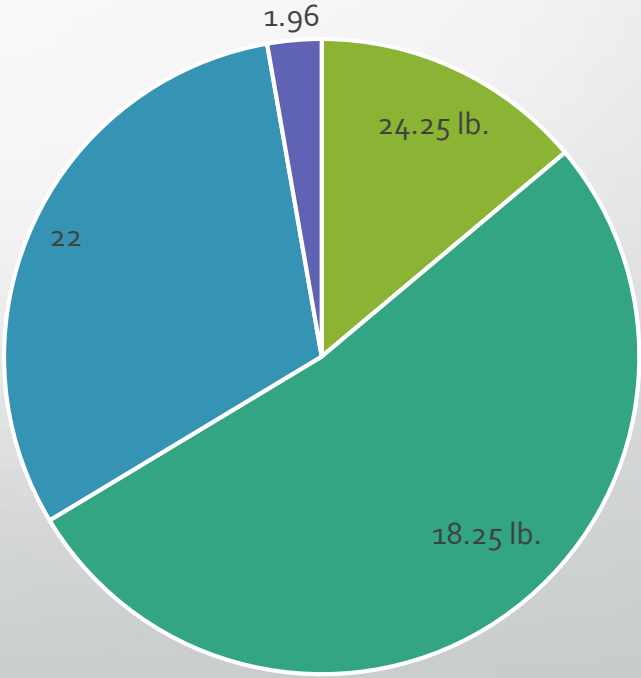
VARIETY

*T90 equivalent assuming Cryo is 2X concentrate



■ SIMCOE ■ LORAL ■ CITRA ■ COLUMBUS

PELLET FORM



■ CRYO ■ t90 ■ Whole Cone ■ Extract

East Coast IPA YEASTY McHAZE-FACE

- Imperial Yeast Ao24 Barbarian (Conan) - Produces stone fruit esters that work great when paired with citrus hops
- Fermented at 69F
- No kettle finings or clarifying agents

West Coast IPA

- American Ale Yeast
- Fermented at 68F
- Dry Hopped at Terminal
- 6 days dry hop time before crashing
- Gelatin used to clarify

New England Style Hop Additions

ADDITION	VARIETY	WEIGHT	PELLET FORM	ALPHA	IBU
75 min.	Columbus	0.75 lb.	T90	15.5	9.2
10 min.	Loral	6.00 lb.	T90	11.0	9.8
WHIRLPOOL	Simcoe	3.75 lb.	Cryo	23.2	0
WHIRLPOOL	Loral	3.75 lb.	Cryo	23.5	0
WHIRLPOOL	Citra	4.00 lb.	Cryo	23.2	0
Dry Hop 1	Simcoe	7.50 lb.	Cryo	23.2	0
Dry Hop 2	Citra	6.00 lb.	T90	8.4	0
Dry Hop 2	Citra	3.75 lb.	Cryo	23.5	0
Dry Hop 2	Loral	1.50 lb.	Cryo	23.5	0
Dry Hop 2	Loral	5.50 lb.	T90	11.0	0

*Theoretical IBU: 19

Sensory feels like ~50 IBU. Guessing this is due to large Cryo additions in the whirlpool

West Coast Style Hop Additions

ADDITION	VARIETY	Dose	PELLET FORM	ALPHA	IBU
90 min.	CTZ Extract	500 GMA	Extract	60.0	50
10 min.	Loral	5.5 lb.	T90	11.0	9.5
WHIRLPOOL	Simcoe	9 lb.	T90	13.0	0
WHIRLPOOL	Loral	5.5 lb.	T90	11.0	0
Hop Back	Simcoe	22.0 lb.	Whole Leaf	13.0	0
Dry Hop	Simcoe	11 lb.	T90	13.0	0
Dry Hop	Simcoe	4.4 lb.	Cryo	23.2	0
Dry Hop	Loral	5.5 lb.	Cryo	19.9	0
Dry Hop	Citra	6.6 lb.	T90	13.0	0
		~86.6 lb. 5.7 lb./BBL			

*Total lbs. assume extract equivalent to T90 and 1 lb. LupulN2 = 2 lbs. T90
Theoretical IBU: 59.5 IBU, Sensory tells us more

EAST COAST HAZE & BIOTRANSFORMATION (in theory!)

- Biotransformation – The belief that the interaction of hop oils and active yeast leads to a *transformation* of certain hop derived compounds into different compounds that weren't originally present, thus altering the hop profile including enhanced aromatics and turbidity.
- First Dry Hop @ 4.0P
 - Simcoe Cryo Pellets
- Second Dry Hop @ Terminal = 2.7P
 - Citra and Loral both in T90 and Cryo Pellet form

Cheers! Skål! Prost! Salud!

