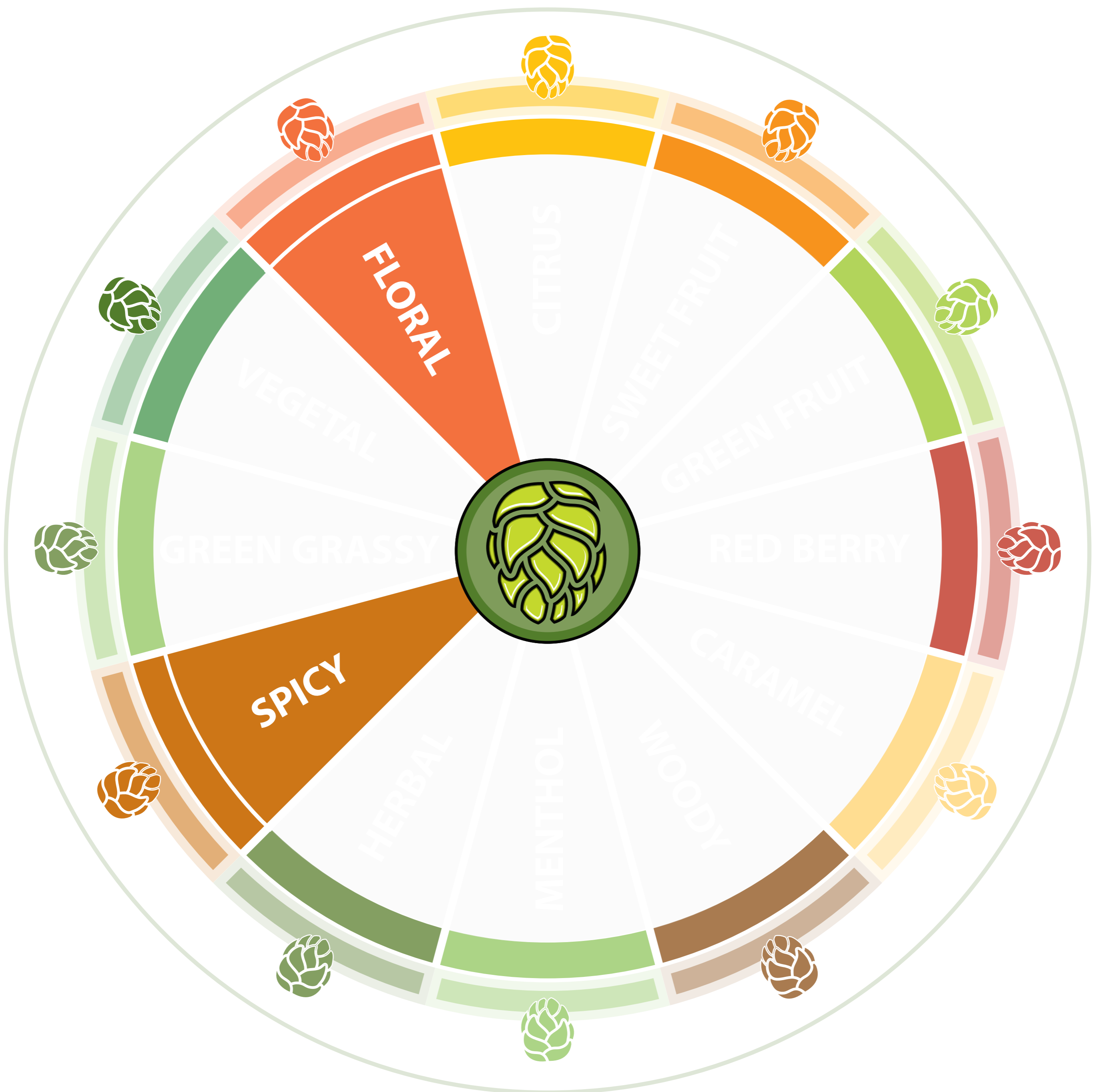


ELLA™

AUSTRALIA



ELLA™ WAS CREATED BY THE HPA BREEDING PROGRAM IN 2001 AND COMMERCIALIZED IN 2011. ITS ANCESTRY IS THE RESULT OF A CROSS POLLINATION OF HIGH ALPHA AUSTRALIAN AND SPALT HOPS. A LOW DOSE DELIVERS SOFT FLORALS AND FRAGRANT SPICES REMINISCENT OF A NOBLE VARIETY, WHILE A HIGH DOSE DELIVERS GRAPEFRUIT AND TROPICAL FLAVOURS THAT CAN BE USED TO BALANCE HEAVIER MALT BILLS AND STRONG YEAST CHARACTERS IN MANY BEER STYLES.

TECHNICAL DATA

ALPHA (%): 13.4-19.2

BETA (%): 5.2-7.5

COHUMULONE (% OF ALPHA ACIDS): 33-44

TOTAL OIL (ML/100G): 1.2-2.3

MYRCENE (% OF TOTAL OIL): 34-40

HUMULENE (% OF TOTAL OIL): 16.3-19.4

CARYOPHYLLENE (% OF TOTAL OIL): 5.9-14.1

FARNESENE (% OF TOTAL OIL): 0.1-0.5

LINALOOL (% OF TOTAL OIL): 0.4-0.6

TOTAL POLYPHENOLS (%): --



WILLAMETTE VALLEY HOPS