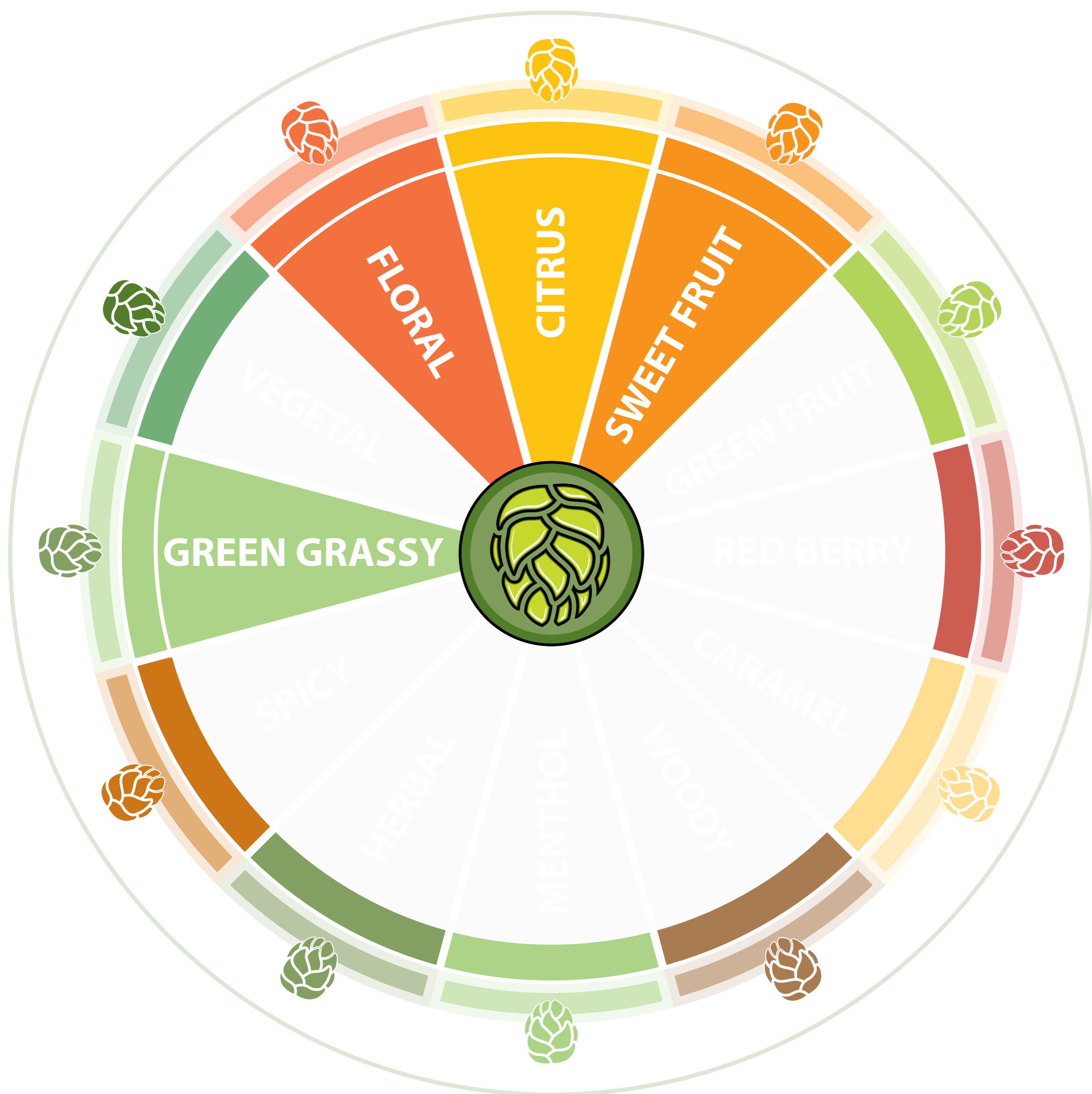


MAGNUM

GERMANY



THIS HIGH ALPHA HOP VARIETY WAS BRED IN 1980 AT HUELL HOP RESEARCH CENTER IN GERMANY AND IS KNOWN FOR ITS EXTREMELY LARGE AND HEAVY CONES. IT PRODUCES GOOD YIELDS AND LIKE MANY OF THE OTHER VARIETIES, HALLERTAU MAGNUM HAS A HIGH TOLERANCE TO DISEASE.

TECHNICAL DATA

ALPHA (%): 11.0-16.0

BETA (%): 5.0-7.0

COHUMULONE (% OF ALPHA ACIDS): 21-29

TOTAL OIL (ML/100G): 1.6-2.6

MYRCENE (% OF TOTAL OIL): 30-45

HUMULENE (% OF TOTAL OIL): 30-45

CARYOPHYLLENE (% OF TOTAL OIL): 8-12

FARNESENE (% OF TOTAL OIL): <1

LINALOOL (% OF TOTAL OIL): --

TOTAL POLYPHENOLS (%): --



WILLAMETTE VALLEY HOPS