## Extension to two Loci A and B

A<sub>1</sub> B<sub>1</sub>
A<sub>1</sub> B<sub>2</sub>
A<sub>2</sub> B<sub>4</sub>
A<sub>1</sub> B<sub>2</sub>

A1 B2
A2 B2
A2 B2

Genotypic Value Vijtel for animals with genotyp Ai Ai Bk Bc

Genotype Vijel

Andr Br Br Vinn

Andr Br Be Vinne

Averages over a large number of environ wents

Pritem = Vijte + Eijelm