## **Abbreviations**

AFLP amplified fragment length polymorphism

ais alike in state

ASSINSEL International Association of Plant Breeders

ASTA American Seed Trade Association

BC backcross

DNA deoxyribonucleic acid

DUS distinctness, uniformity, stability

EDV essentially derived variety

f coancestry coefficient

GD genetic distance

*ibd* identical by descent

IDV independently derived variety
ISF International Seed Federation

IV initial variety

MD morphological distance
MPH mid-parent heterosis
NPA non-parental allele
oais only alike in state

PCR polymerase chain reaction
PVP plant varietal protection

RAPD random amplified polymorphic DNA

RFLP restriction fragment length polymorphism

SEPROMA Chambre Syndicale des Entreprises Françaises de Semences de Maïs

SNP single nucleotide polymorphism

SSR simple sequence repeat

UPOV Union for the protection of new varieties of plants