

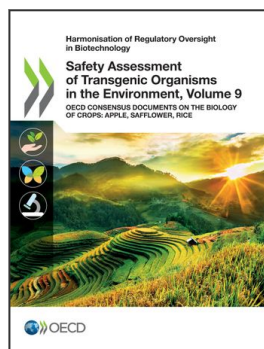
# Abbreviations and acronyms

°C	Degree Celsius
°N	North latitude
°S	South latitude
µm	Micrometre (= 10 <sup>-6</sup> m)
4-HPPD	4-Hydroxyphenylpyruvate dioxygenase
AFLP	Amplified fragment length polymorphism
ALS	Acetolactate synthase
AMF	Arbuscular mycorrhizal fungi
AOA	Ammonia-oxidising archaea
AOB	Ammonia-oxidising bacteria
AOP	Apomictic Offspring Producer
ApMV	Apple mosaic virus
ATP	Adenosine triphosphate
AUDA-NEPAD	African Union Development Agency – New Partnership for Africa's Development
AWC	Australian Wildlife Conservancy
BB	Bacterial blight
BC	Backcross
BCE	Before the Common (or current) Era
BCO	Biological control organism
BPH	Brown planthopper ( <i>Nilaparvata lugens</i> )
Bt	<i>Bacillus thuringiensis</i>
C.	<i>Carthamus</i> genus
Cas9	CRISPR associated protein 9
CBC	OECD Chemicals and Biotechnology Committee
cm	Centimetre
cM	Centimorgan (or map unit [m.u.], a unit for measuring genetic linkage)
CMS	Cytoplasmic male sterility
CR	Critically endangered species (IUCN Red List category)
CRISPR	Clustered regularly interspaced short palindromic repeats
CW	Chinese wild rice
DNA	Deoxyribonucleic acid
EGMS	Environment-sensitive genic male sterility
EN	Endangered species (IUCN Red List category)
EPP	Effective pollination period
ETI	Effector-triggered immunity
FAO	Food and Agriculture Organization of the United Nations
FAOSTAT	FAO Statistical Databases

<b>g</b>	Gramme
<b>Gb</b>	Gigabases (= 10 <sup>9</sup> base pairs; genome size unit)
<b>GE</b>	Genetically engineered
<b>GMS</b>	Genetic male sterility
<b>GRH</b>	Green rice leafhopper
<b>GRIN</b>	Germplasm Resources Information Network
<b>GRiSP</b>	Global Rice Science Partnership
<b>GSI</b>	Gametophytic self-incompatibility
<b>GTP</b>	Guanosine-5'-triphosphate
<b>GUS</b>	Beta-glucuronidase
<b>h</b>	Hour
<b>ha</b>	Hectare
<b>iGLMap</b>	Integrated Genetic Linkage Map
<b>ILSI-CERA</b>	International Life Sciences Institute – Center for Environmental Risk Assessment
<b>IRGSP</b>	International Rice Genome Sequencing Project
<b>IRRI</b>	International Rice Research Institute
<b>IUCN</b>	International Union for Conservation of Nature
<b>kg</b>	Kilogramme
<b>km</b>	Kilometre
<b>L</b>	Honglian (a wild rice CMS type)
<b>LD</b>	Lead rice
<b>LYP9</b>	Liang-You-Pei-Jiu (a hybrid rice strain)
<b>m</b>	Metre
<b>M.</b>	<i>Malus</i> genus
<b>m<sup>2</sup></b>	Square metre
<b>MAS</b>	Marker-assisted selection
<b>Mb</b>	Megabases (=10 <sup>6</sup> base pairs; genome size unit)
<b>Mbp</b>	Megabases pair
<b>mg</b>	Milligramme
<b>MGMS</b>	Marker-linked GMS
<b>mm</b>	Millimetre
<b>MSU</b>	Michigan State University
<b>Mya</b>	Million years ago
<b>NBS-LRR</b>	Nucleotide-Binding Site Leucine-Rich Repeat
<b>NERICA</b>	New Rice for Africa
<b>NMS</b>	Nuclear male sterility
<b>NT</b>	Near threatened species (IUCN Red List category)
<b>O.</b>	<i>Oryza</i> genus
<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>P.</b>	<i>Pyricularia</i> genus
<b>PA64S</b>	Peiai 64S (a photo-thermo-sensitive genic male sterile line)
<b>PAM</b>	Protospacer adjacent motif
<b>PAMPs</b>	Pathogen-associated molecular patterns
<b>PCD</b>	Programmed cell death
<b>PEG</b>	Polyethylene glycol (method)
<b>pg</b>	Picogramme (= 10 <sup>-12</sup> g)
<b>PGMS</b>	Photoperiod-sensitive genic male sterility

<b>pH</b>	Potential of hydrogen
<b>PPO</b>	Polyphenol oxidase
<b>PPR</b>	Pentatricopeptide repeat
<b>PR</b>	Pathogenesis-related (protein)
<b>PTI</b>	PAMP-triggered immunity
<b>QTL</b>	Quantitative trait locus (plural form: Q. T. Loci)
<b>RAPD</b>	Random amplified polymorphic DNA
<b>RAP-DB</b>	Rice Annotation Project Database
<b>RBSDV</b>	Rice black-streaked dwarf virus
<b>RDV</b>	Rice dwarf virus
<b>RGSV</b>	Rice grassy stunt virus
<b>RNAi</b>	Ribonucleic acid interference
<b>ROS</b>	Reactive oxygen species
<b>RRSV</b>	Rice ragged stunt virus
<b>RSV</b>	Rice stripe virus
<b>RTBV</b>	Rice tungro bacilliform virus
<b>RTSV</b>	Rice tungro spherical virus
<b>SA</b>	Salicylic acid
<b>SBPH</b>	Small brown planthopper ( <i>Laodelphax striatellus</i> )
<b>SDN</b>	Site-directed nuclease
<b>SHROB</b>	OECD Series on Harmonisation of Regulatory Oversight in Biotechnology
<b>SNP</b>	Single nucleotide polymorphism
<b>SRAP</b>	Sequence-related amplified polymorphism
<b>SRBSDV</b>	Southern rice black-streaked dwarf virus
<b>S-RNase</b>	Self-incompatibility ribonuclease
<b>SSR</b>	Simple sequence repeat
<b>t</b>	Tonne
<b>TALENs</b>	Transcription activator-like effector nucleases
<b>TGMS</b>	Thermo-sensitive genic male sterility
<b>TILLING</b>	Targeting Induced Local Lesions IN Genomes
<b>TRD</b>	Transmission ratio distortion
<b>UNEP</b>	United Nations Environment Programme
<b>USDA-ARS</b>	United States Department of Agriculture Agricultural Research Service
<b>VU</b>	Vulnerable species (IUCN Red List category)
<b>WA</b>	Wild abortive
<b>WBPH</b>	Whitebacked planthopper ( <i>Sogatella furcifera</i> )
<b>WP-HROB</b>	OECD Working Party on the Harmonisation of Regulatory Oversight in Biotechnology
<b>WP-SNFF</b>	OECD Working Party for the Safety of Novel Foods and Feeds





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