

ملحق رقم ٧

قائمة للاختصارات والرموز كما تقرها الجمعية الأمريكية لعلوم البساتين

الاستعمال المقبول	الاختصار أو الرمز	الكلمة أو الوحدة
literature citations	Abstr.	abstract
all uses	spell out	acre
with numerals only (do not use with approved common names)	a.i.	active ingredient
with numerals only (small caps)	PM	after noon
2nd & subsequent uses	AC	alternating current
2nd & subsequent uses	ANOVA	analysis of variance
with numerals only	Å	angstrom
with numerals only (small caps)	AD	anno Domini
SI symbol	A	area
with numerals only	atm	atmosphere
table column heads only	avg	average
all uses	BS	bachelor of science
with numerals only (small caps)	BC	before Christ
with numerals only (small caps)	AM	before noon
with numerals (temperature) only	bp	boiling point
with numerals only; avoid use	BTU	British thermal unit
with numerals only	°B	Brix
symbol with numerals ("math x")	×	by (dimension)
no longer used; convert to joules	cal	calorie
all uses; degree symbol must precede	°C	Celsius, degree
with numerals only	¢	cent (U.S.)
with numerals only	cm	centimeter
2nd subsequent uses	CI	chilling injury
statistical reporting (lowercase Greek chi with superscript 2)	χ^2	chi-square value
table column heads only	circumf.	circumference
statistical reporting (italic with superscript 2); R^2 for 3 or more variables, r^2 for 2 variables	R^2 , r^2	coefficient of determination

الاستعمال المقبول	الاختصار أو الرمز	الكلمة أو الوحدة
all uses (small caps)	cv	coefficient of variation
all uses	Co.	Company
table column heads only	concd	concentrated
table column heads only	concn	Concentration
2nd & subsequent uses	CA	controlled atmosphere
all uses	Corp.	Corporation
"sample coefficient of linear correlation" (lowercase Helvetica x)	See	correlation coefficient
("math x", with no space between the symbol and the specific epithet)	×	crossed with
with numerals only	cm ³ (not cc)	cubic centimeter
with numerals only	m ³	cubic meter
formal nomenclature only (after a specific epithet)	cv., cvs.	cultivar (s)
all uses	spell out	day
with numerals only	°	degree (angular)
with numerals and abbreviations for Celsius or Fahrenheit	°	degree (temperature)
statistical reporting	df	degree (s) of freedom
symbol (lowercase Greek rho)	ρ	density, mass
all uses, except in bylines	Dept.	Department
table column heads only	diam	diameter
2nd & subsequent uses	DTA	differential thermal analysis
2nd & subsequent uses	DC	direct current
all uses; do not use "Dr."	PhD	doctor of philosophy
with numerals only	\$	dollar (U.S.)
formal nomenclature only	nom.dub.	doubtful name (<i>nomen dubium</i>)
table column heads only	dry wt	dry weight
with numerals only	E	east
book reviews; literature citations	ed.	edition
book reviews; literature citations; enclose in parentheses	ed., eds.	editor (s)

الاستعمال المقبول	الاختصار أو الرمز	الكلمة أو الوحدة
with numerals only	E	einstein
2nd & subsequent uses	EM	electron microscopy
with numerals only	eV	electron volt
SI symbol	E	energy
(spaces on both sides of symbol)	=	equals
with numerals only; enclose numeral in brackets as side heading for equation within text	Eq.	equation
with numerals only	eq	equivalent
all uses	et al.	et alia (and others)
all uses (but avoid using if possible)	etc.	et cetera (and so forth)
all uses	et seq.	et sequential (and the following ones)
all uses	e.g.	exempli gratia (for example)
with numerals; table column heads	Expt.	experiment
table column heads only	exp	exponent, -ial
all uses; degree symbol must precede; dual reporting only (°C must precede)	°F	Fahrenheit, degree
with numerals only; caption headings and in parentheses in text	Fig.	Figure
all uses (with subscripts)	F ₁ , F ₂	filial generations
with numerals only (dual reporting, first reference is metric)	ft	foot
with numerals only	fc	footcandle
with numerals (temperature) only	fp	freezing point
with numerals only	f	frequency
table column heads only	fresh wt	fresh weight
with numerals only (dual reporting, first reference is metric)	gal	gallon
2nd & subsequent uses	GC	gas chromatography
2nd & subsequent uses	GLC	gas-liquid chromatography
formal nomenclature only	gen.	genus

الاستعمال المقبول	الاختصار أو الرمز	الكلمة أو الوحدة
with numerals only	g	gram
with numerals only (italic)	g	gravity
with numerals only	ha	hectare
table column heads only	ht	height
with numerals only	Hz	hertz
with numerals only (small caps)	HSD	highest significant difference
2nd & subsequent uses)	HPLC	high performance liquid chromatography
	hr	
with numerals; table column heads; not abbreviated in abstract	h (with SI units)	hour (unit)
clock time only (small caps)	HR	hours (24-hr time)
all uses	pH	hydrogen-ion concentration, negative log of
2nd & subsequent uses (adjective)	INA	ice nucleation-active
all uses	i.e.	id est (that is)
book reviews; literature citations)	illus.	illustration(s)
all uses (first reference in metric)	spell out	inch(es)
2nd & subsequent uses	IR	infrared
all uses	i.d.	inside diameter
with numerals only	J	joule
SI unit for temperature (do not use)	K	kelvin
with numerals only	kcal	kilocalorie
with numerals only	kg	kilogram
with numerals only	klx	kilolux
with numerals only	km	kilometer
with numerals only	kV	kilovolt
with numerals only	lat.	latitude
2nd subsequent uses	LWP	leaf water potential
with numerals only (small caps)	LSD	least significant difference
all uses; do not use "L"	spell out	liter
with numerals only	log	logarithm, common (to base 10)

الاستعمال المقبول	الاختصار أو الرمز	الكلمة أو الوحدة
with numerals only	ln	logarithm, natural
with numerals only	long.	longitude
with numerals only	lm	lumen
with numerals only	lx	lux
before numeral, no space (e.g. ×400)("math x")	×	magnification, power of
followed by space (e.g. M 26)	M	Malling
followed by space (e.g. MM 106)	MM	Malling Merton
all uses	MS	master of science
table column heads only	max	maximum
statistical reporting (uppercase under bar)	x, Y	mean of a sample
statistical reporting (lowercase Greek mu)	μ	mean of the population
with numerals (temperature) only	mp	melting point
with numerals only	m	meter
with numerals only	MT	metric ton
all uses	spell out	mho
with numerals only (lowercase Greek mu)	μeg	microequivalent
with numerals only (lowercase Greek mu)	μg	microgram
with numerals only (lowercase Greek mu)	μm	micrometer (formerly, micron)
with numerals only (lowercase Greek mu; small cap)	μm	micromolar (concentration)
with numerals only (lowercase Greek mu)	μmol	micromole (mass)
with numerals only (dual reporting, first reference is metric)	mi	mile
with numerals only	meq	milliequivalent
with numerals only	mg	milligram
with numerals only	ml	milliliter
with numerals only	mm	millimeter

الاستعمال المقبول	الاختصار أو الرمز	الكلمة أو الوحدة
with numerals only	mmho	millimho
with numerals only (small cap)	mM	millimolar (concentration)
with numerals only	mmol	millimole (mass)
with numerals only	mV	millivolt
table column heads only	min	minimum
(spaces on both sides of symbol)	-	minus
with numerals only	'	minute (angular)
with numerals; table column heads; not abbreviated in abstract	min	minute (time)
with numerals only (small cap)	M	molar (moles per liter)
with numerals only	mol	mole
table column heads only	mo	month
with numerals ("math x")	×	multiplied by
with numerals only	nm	nanometer
with numerals only	ns	nanosecond
formal nomenclature only after a generic name)	gen.nov.	new genus (<i>genus novum</i>)
formal nomenclature only	nom.nov.	new name (<i>nomen novum</i>)
formal nomenclature only (only after a specific epithet)	sp.nov.	new species (<i>species nova</i>)
with numerals only	N	Newton
formal nomenclature only (only after varietal name)	var.nov.	new variety (<i>varietas nova</i>)
in tables only	ND	no data
literature citations	n.d.	no date
all uses (small caps)	NS	nonsignificant
with numerals only (small cap)	N	normal (gram-equivalents per liter)
with numerals only	N	north
table column heads; literature citations	no.	number
statistical reporting	n	number observations in a sample
statistical reporting	N	number of observations in the population

الاستعمال المقبول	الاختصار أو الرمز	الكلمة أو الوحدة
with numerals only (dual reporting, first reference is metric)	oz	ounce
all uses	o.d.	outside diameter
with numerals only; do not use "pp."	p.	page(s)
all uses (with subscripts)	P ₁ , P ₂	parental generations
with numerals only	ppb	parts per billion
with numerals only	ppm	parts per million
with numerals only	Pa	pascal
(raised period; do not use slant line)	.	per
with numerals only	%	percent
2nd & subsequent uses	Pn	photosynthesis, net
2nd & subsequent uses	PAR	photosynthetically active radiation
2nd & subsequent uses	PPFD	photosynthetic photon flux density
all uses	PI	plant introduction
(spaces on both sides of symbol)	+	plus
statistical reporting (lowercase Greek rho)	ρ	population coefficient of linear correlation
statistical reporting (lowercase Greek sigma with superscript 2)	σ^2	population variance
with numerals only (dual reporting, first reference is metric)	lb	pound
with numerals only	psi	pounds per square inch
SI symbol	p	pressure
with numerals only (italic)	P	probability
statistical reporting (italic)	b	regression coefficient of a sample
statistical reporting (lowercase Greek beta)	β	regression coefficient of the population
with numerals only	RH	relative humidity
book reviews; literature citations	rev.	revised
with numerals only	r	revolution(s)
with numerals only	rpm	revolutions per minute

الاستعمال المقبول	الاختصار أو الرمز	الكلمة أو الوحدة
statistical reporting (<i>italic</i>)	r	sample coefficient of linear correlation
statistical reporting (superscript 2)	s ²	sample variance
2nd & subsequent uses	SEM	scanning electron microscopy
with numerals only	"	second (angular)
with numerals; table column heads; not abbreviated in abstract	sec	second (time)
table column heads only	s (with SI units)	
with numerals only	soln	solution
formal nomenclature only (only after generic name)	S	south
with numerals only	sp.	species
with numerals only	spp. (plural)	
with numerals only	cm ²	square centimeter
with numerals only	m ²	square meter
all uses (small caps)	SD	standard deviation of a sample
statistical reporting (lowercase Greek sigma)	σ	standard deviation of the population
all uses (small caps)	SE	standard error of the mean of a sample
statistical reporting (<i>italic</i>)	t	Student's t statistic
formal nomenclature only (only after specific epithet)	ssp.	subspecies
2nd & subsequent uses	sspp. (plural)	
table column heads only	SI	Système International d'Unitès
symbol	temp	temperature (abbrev.)
2nd & subsequent uses	T	temperature (symbol)
before numeral, no space (e.g., ×4)("math x")	TLC	thin-layer chromatography
2nd & subsequent uses	×	times
2nd & subsequent uses	TMV	tobacco mosaic virus
2nd & subsequent uses	TEM	transmission electron microscopy
2nd & subsequent uses	UV	ultraviolet

الاستعمال المقبول	الاختصار أو الرمز	الكلمة أو الوحدة
all uses	USSR	Union of Soviet Socialist Republics
all uses	U.S.	United States (modifier)
all uses; do not use "USA"	spell out	United States (noun)
all uses, except in bylines	Univ.	University
all uses, except in bylines	USDA	U.S. Department of Agriculture
statistical reporting (in an analysis of variance)	F	variance ratio
formal nomenclature (only after a specific epithet); table column heads	var.	variety, botanical
all uses	vs.	versus
with numerals only	V	volt
book reviews; literature citations	Vol.	volume (bibliographic)
with numerals only (use slant line)	v/v	volume (mix ratio)
table column heads only	vol	volume (space)
symbol (lowercase Greek rho and subscript)	ρ_w	volumetric water potential
with numerals only	W	watt
table column heads only	wk	week
with numerals only (use slant line)	w/w	weight (mix ratio)
table column heads only	wt	weight (unit)
with numerals only	W	west
2nd & subsequent uses, with percents	WP	wettable powder
table column heads only	yr	year