

A Garden of Words

Un jardín de palabras

A bilingual gardening dictionary for elementary

schools and after-school gardening programs

Un diccionario bilingüe de jardinería para escuelas

primarias y programas de jardinería extraescolares



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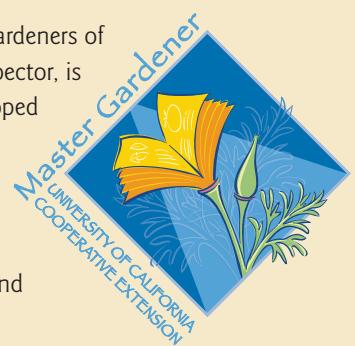
INTRODUCTION

Written as a University of California Master Gardener Program project, *A Garden of Words/Un jardín de palabras* is a bilingual English-Spanish/Spanish-English dictionary. It is intended as a tool to help both elementary school children and their teachers/leaders communicate in the garden. With the growing trend to incorporate school gardens in the curriculum, the need for such a tool has surfaced in bilingual communities everywhere. It is suitable for use in schools and in after-school, garden-based, learning settings.

The dictionary includes the most common gardening words and phrases. Also provided is a translated and converted metric/U.S. units table. The language is color coded, with English words in green and Spanish words in orange. The publication is divided into two sections: English-to-Spanish and then Spanish-to-English. *A Garden of Words/Un jardín de palabras* may be used either as an online resource or downloaded as a .pdf printout.

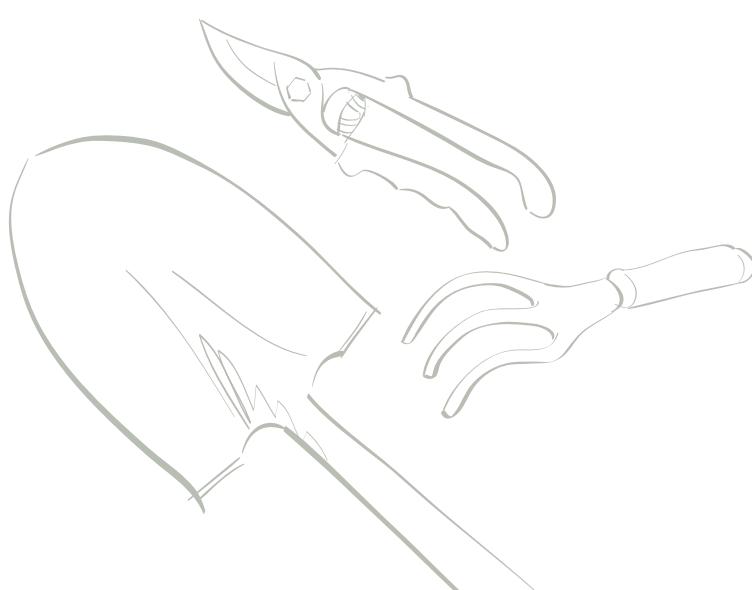
About This Dictionary and the University of California Master Gardeners of Santa Barbara County

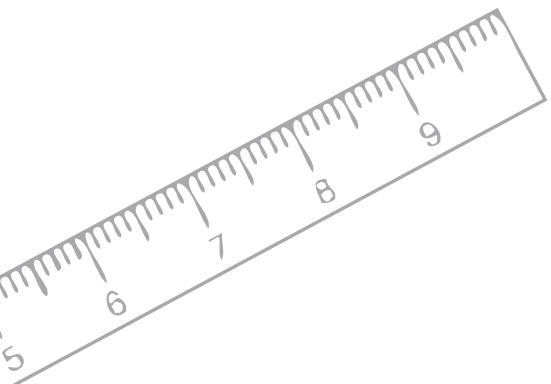
This dictionary is also a product of the UC Master Gardeners of Santa Barbara County Program. The author, Susan Spector, is a retired U.S. State Department translator. She developed this bilingual dictionary as a Master Gardener project under the direction of Michael Marzolla, 4-H Youth Development Advisor for UC Cooperative Extension and former UC Master Gardener Advisor, and Sally Isaacson, retired UC Master Gardener Advisor and former Director of Education of the Santa Barbara Botanic Garden.



The purpose of the UC Master Gardeners of Santa Barbara County Program is to provide accurate, scientifically-based, horticultural information to our communities, offering a public service while furthering our own knowledge by using the resources of our sponsors.

TOOLS	HERRAMIENTAS
basket	canasta, cesta
bucket	balde
clippers	tijeras de podar
faucet	llave de agua, grifo
garden fork	rastrillo de mano
garden stakes	estacas de jardín
hoe	azada, azadón gancho
hose	manguera
nozzle	boquilla
pitchfork	horca
pole	palo
pot	maceta
rake	rastrillo
shears	tijeras podaderas
shovel	pala
spade	pala de punta
sprayer	rociador
sprinkler	aspersor
string	cuerda
trowel	llana, desplantador
watering can	regadera
wheelbarrow	caretilla
wire	alambre





MEASUREMENTS	MEDIDAS
cup	taza
deep	hondo, profundo
degree	grado
foot	pie
gallon	galón
gram	gramo
half	la mitad
half a cup	media taza
high	alto
height	altura
inch	pulgada
kilogram	kilogramo
liter	litro
length	longitud
long	largo
meter	metro
mile	milla
milligram	miligramo
narrow	angosto, estrecho
ounce	onza
pint	pinta
pound	libra
quart	cuarto de galón
quarter	un cuarto de
round	redondo
short	corto, bajo
square	cuadrado
tablespoonful	cucharada
tall	alto
teaspoonful	cucharadita
three quarters	tres cuartos de
whole	entero, completo
wide	ancho
width	anchura
yard	yarda (más o menos un metro)

CONVERSION TABLE / TABLA DE CONVERSIÓN

U.S. Units to Metric System / *Medidas de los EE.UU. al sistema métrico*

Length / *Longitud*

one inch / *una pulgada* = 2.5 centimeters / *centímetros*

one foot / *un pie* = .3 meters / *metros*

one yard / *una yarda* = .9 meters / *metros*

one mile / *una milla* = 1.6 kilometers / *kilómetros*

Liquid Measure / *Medidas para líquidos*

one ounce / *una onza* = .03 liters / *litros*

one cup / *una taza* = 0.3 liters / *litros*

one pint / *una pinta* = 0.5 liters / *litros*

one gallon / *un galón* = 3.8 liters / *litros*

Weight / *Peso*

one ounce / *una onza* = 28.5 grams / *gramos*

one pound / *una libra* = 454 grams / *gramos*

Metric System to U.S. Units / *Sistema métrico a medidas de los EE.UU.*

Length / *Longitud*

one centimeter / *un centímetro* = .39 inches / *pulgadas*

one meter / *un metro* = 39.4 inches / *pulgadas*

one kilometer / *un kilómetro* = .6 miles / *millas*

Liquid Measure / *Medidas para líquidos*

one liter / *un litro* = .3 gallons / *galones*

Weight / *Peso*

one gram / *un gramo* = .04 ounces / *onzas*

one kilogram / *un kilogramo* = 2.2 pounds / *libras*



GARDENING VOCABULARY**VOCABULARIO DE JARDINERÍA**

acid	ácido
add	agregar, añadir
air	aire
alkaline	alcalino
amend	acondicionar, enmendar
basin	cuenco
bed	arriate
flat bed	arriate a ras del suelo
raised bed	arriate elevado
carbon dioxide	dioxido de carbono
clay	arcilla
compost	abono, composta
compost ingredients	ingredientes de composta
animal manure	estiércol
lawn cuttings	recortes del césped
dead plants	plantas muertas
leaves	hojas
sawdust	serrín
kitchen scraps	restos de cocina
(excluding oil, meat, eggs, dairy products)	(menos aceite, carne, huevos, productos lácteos)
compost bin	bote para composta
container	envase
cover	cubrir
cover crop	cultivo de cobertura
crop	cultivo
cut	cortar
cultivate	cultivar
decompose	descomponer
decomposed	descompuesto
dig	cavar, excavar
drain	drenar
drainage	drenaje
ecosystem	ecosistema
enrich	abonar
environment	medio ambiente

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GARDENING VOCABULARY

	VOCABULARIO DE JARDINERÍA
fertilizer	fertilizante
fungicide	fungicida
food	comida
furrow	surco
fungus	hongo
greenhouse	invernadero
harvest	cosecha
to harvest	cosechar
hay	heno
herbicide	herbicida
humus	humus, mantillo
inorganic	inorgánico
insecticide	insecticida
irrigation	riego
irrigation line	tubería de riego
iron	hierro
loam	marga
loamy	margoso
manure	estiércol
minerals	minerales
to mix	mezclar
mixture	mezcla
moisture	humedad
mulch	corteza, pajote, acolchado
nitrogen	nitrógeno
nutrients	nutrientes
orchard	huerta
organic	orgánico
organic matter	materia orgánica
oxygen	oxígeno
particle	partícula
peat moss	musgo de turba
pesticide	pesticida
phosphorus	fósforo
to place	colocar
to prune	podar





Continued from page 5

GARDENING VOCABULARY

VOCABULARIO DE JARDINERÍA	
pot	maceta
potassium	potasio
rain	lluvia
rain gauge	medidor de lluvia
recycle	reciclar
recycled	reciclado
rock	roca
row	fila
sand	arena
sawdust	serrín
scarecrow	espantapájaros
seasons	estaciones
seedling	planta de semillero, plántula, plantita
seed	semilla
shred	triturar
shredded	triturado
silt	limo, cieno
soil	suelo, tierra
soil amendments	correcciones/aditivos para el suelo, enmiendas de suelo
soil test	análisis del suelo
sprinkle	rociar
straw	paja
sundial	reloj solar
texture	textura
till	labrar, escarbar
transplant	transplantar
walkway	camino
water	agua
to water	regar
waterlogged	anegado
to weed	desyerbar, jalar la maleza
weed	maleza, hierba mala
wilted	marchitado

GARDENING PHRASES**FRASES DE JARDINERÍA**

It's the time of year to plant our garden.	<i>Es la época del año de plantar nuestro jardín.</i>
First we need to do a soil test.	<i>Primero tenemos que hacer un análisis del suelo.</i>
This soil has too much clay.	<i>Este suelo tiene demasiada arcilla.</i>
This soil has too much sand.	<i>Este suelo tiene demasiada arena.</i>
This soil has too much silt.	<i>Este suelo tiene demasiado limo.</i>
Our soil must be a balance of clay, sand, and silt.	<i>Nuestro suelo tiene que tener un equilibrio entre arcilla, arena y limo.</i>
This balanced soil is called loam.	<i>Este suelo equilibrado se llama marga.</i>
We need to incorporate compost over the top of the garden to enrich the soil.	<i>Necesitamos extender una capa de composta sobre el jardín para enriquecer el suelo.</i>
Compost is made of decomposed organic material.	<i>La composta se hace de material orgánico descompuesto.</i>
Let's sow the seeds.	<i>Vamos a sembrar las semillas.</i>
Let's transplant the seedlings.	<i>Vamos a transplantar las plántulas.</i>
Let's dig a hole with a trowel.	<i>Vamos a excavar un hoyo con una llana.</i>
The hole should be 4 inches (10 cm) deep.	<i>El hoyo debe tener 4 pulgadas (10 cm) de profundidad.</i>
We need to water the garden.	<i>Necesitamos regar el jardín.</i>
Please go get the hose.	<i>Por favor, vete a buscar la manguera.</i>
We need to weed the garden.	<i>Necesitamos jalar la maleza del jardín.</i>
The fruits and vegetables are ripe.	<i>Las frutas y los vegetales están maduros.</i>
It's time to harvest them.	<i>Es el momento de cosecharlos.</i>

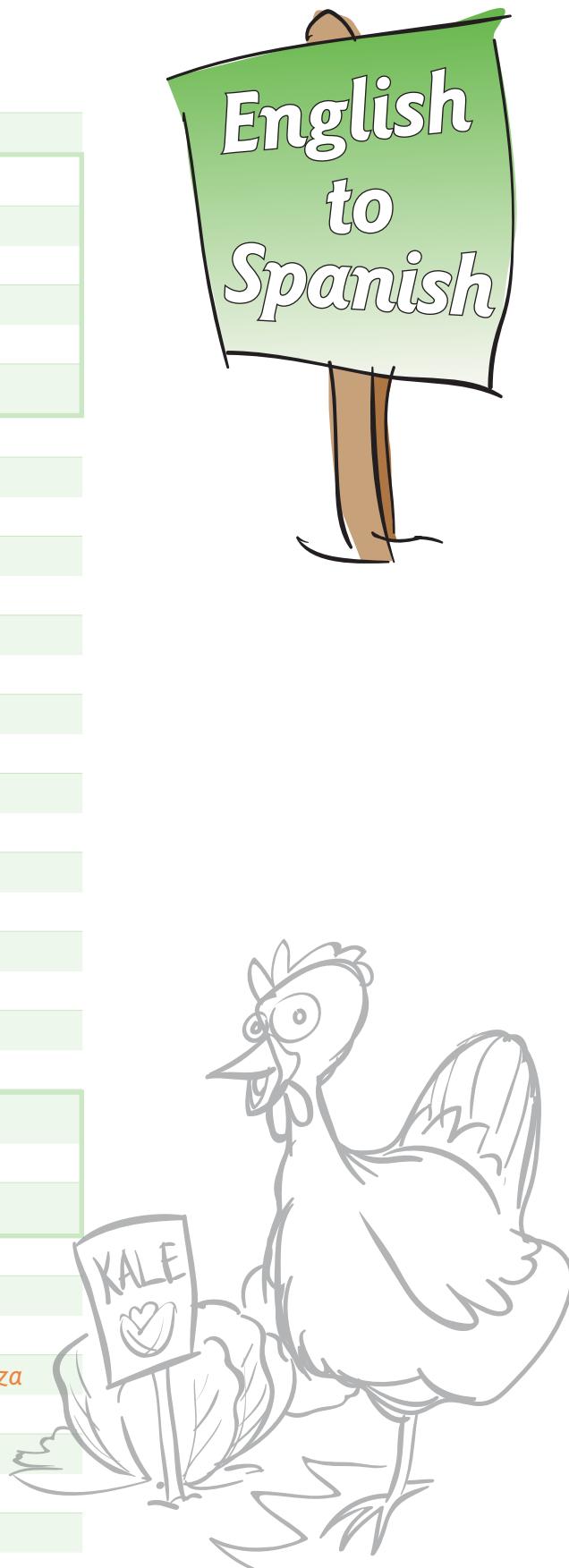


PLANTS	PLANTAS
anther	antero
bud	pimpollo, brote, yema
calyx	cáliz
corolla	corola
egg	huevo
embryo	embrión
filament	filamento
flower	flor
leaf	hoja
ovary	ovario
ovules	óvulos
petal	pétalo
pistil	pistilo
pollen	polen
pollinate	polinizar
root	raíz
sepal	sépalo
shoot	brote, renuevo
species	especies
stamen	estambre
stem	tallo
stigma	estigma
style	estilo



VEGETABLES

VEGETALES	
asparagus	espárragos
beans:	<i>habichuelas, judías, frijoles:</i>
green beans	<i>ejotes, judías verdes</i>
broad beans	<i>habas</i>
kidney beans	<i>frijoles</i>
lima beans	<i>frijoles de media luna</i>
pinto beans	<i>frijoles pintos</i>
beets	<i>remolacha, betabel</i>
broccoli	<i>brócoli</i>
Brussels sprouts	<i>col/repollo de Bruselas</i>
cabbage	<i>col, repollo</i>
carrot	<i>zanahoria</i>
cauliflower	<i>coliflor</i>
celery	<i>apio</i>
chard	<i>acelga</i>
corn	<i>maíz, choclo</i>
cucumber	<i>pepino</i>
eggplant	<i>berenjena</i>
garlic	<i>ajo</i>
gourd	<i>calabaza</i>
kale	<i>col rizada, repollo rizado</i>
lettuce	<i>lechuga</i>
onion	<i>cebolla</i>
pea	<i>chícharo, guisante</i>
peppers:	<i>pimientos:</i>
bell pepper	<i>pimiento campana</i>
jalapeño	<i>jalapeño</i>
potato	<i>papa</i>
pumpkin	<i>calabaza</i>
radish	<i>rábano</i>
squash	<i>zapallito, calabacita, calabaza</i>
spinach	<i>espinaca</i>
tomato	<i>tomate, jitomate</i>
turnip	<i>nabo</i>
zucchini	<i>calabacín</i>



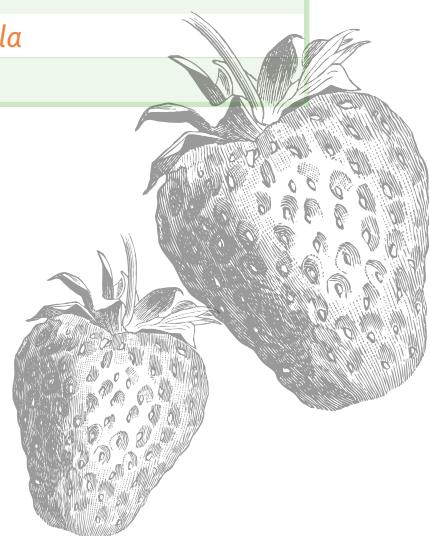


HERBS	HIERBAS
basil	albahaca
chives	cebollinos, cebolletas
mint	menta
oregano	orégano
parsley	perejil
rosemary	romero
sage	salvia
sweet marjoram	mejorana dulce
tarragon	estragón
thyme	tomillo



FRUITS**FRUTAS**

Tree Fruits	
apple	manzana
apricot	albaricoque
cherry	cereza
fig	higo
grapefruit	toronja, pomelo
lemon	limón
mulberry	mora
orange	naranja
peach	durazno, melocotón
pear	pera
plum	ciruela
pomegranate	granada
tangerine	mandarina, tangerina
Vine and Bush Fruits	
Frutas de enredadera y arbusto	
blackberry	mora
blueberry	arándano, mora azul
cantaloupe melon	melón cantaloup
grapes	uvas
melon	melón
raspberry	framuesa
strawberry	fresa, frutilla
watermelon	sandía





GARDEN HELPERS

	AYUDANTES EN EL JARDÍN
bee	abeja
butterfly	mariposa
earthworm	gusano, lombriz
hummingbird	chuparosas, colibrí
ladybug	mariquita, catarina
lizard	lagarto, lagartija
praying mantis	mantis religiosa
toad	sapo



Flowers That Repel Pests

	<i>Flores que repelen plagas</i>
calendula	caléndula
dahlia	dalia
geranium	geranio
marigold	maravilla, clavel chino
nasturtium	capuchina
petunia	petunia
salvia	salvia



GARDEN PESTS

PLAGAS EN EL JARDÍN	
ant	hormiga
aphid	áfido
bacteria	bacteria
beetle	escarabajo
caterpillar	oruga
cricket	grillo
crow	cuervo
disease	enfermedad
drought	sequía
fly	mosca
fungus	hongo
gopher	topo, tuza
grasshopper	saltamontes
grub	gusano excavador
leaf hopper	saltahojas
moth	polilla
nematode	nemátodo
raccoon	mapache
slug	babosa
snail	caracol
spider mite	araña roja, ácaro
whitefly	mosca blanca



English
to
Spanish





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HERRAMIENTAS	TOOLS
alambre	wire
aspensor	sprinkler
azada, azadón gancho	hoe
balde	bucket
boquilla	nozzle
canasta, cesta	basket
caretilla	wheelbarrow
cuerda	string
estacas de jardín	garden stakes
horca	pitchfork
llana, desplantador	trowel
llave de agua, grifo	faucet
maceta	pot
manguera	hose
pala	shovel
pala de punta	spade
palo	pole
rastrillo	rake
rastrillo de mano	garden fork
regadera	watering can
rociador	sprayer
tijeras de podar	clippers
tijeras podaderas	shears



MEDIDAS**MEASUREMENTS**

alto	high, tall
altura	height
ancho	wide
anchura	width
angosto, estrecho	narrow
corto, bajo	short
cuadrado	square
cuarto	quarter
cuarto de galón	quart
cucharada	tablespoonful
cucharadita	teaspoonful
entero, completo	whole
galón	gallon
grado	degree
gramo	gram
hondo, profundo	deep
kilogramo	kilogram
la mitad	half
largo	long
libra	pound
litro	liter
longitud	length
medio taza	half a cup
metro	meter
miligramo	milligram
milla	mile
onza	ounce
pie	foot
pinta	pint
pulgada	inch
redondo	round
taza	cup
tres cuartos de	three quarters
un cuarto de	quarter
yarda	yard

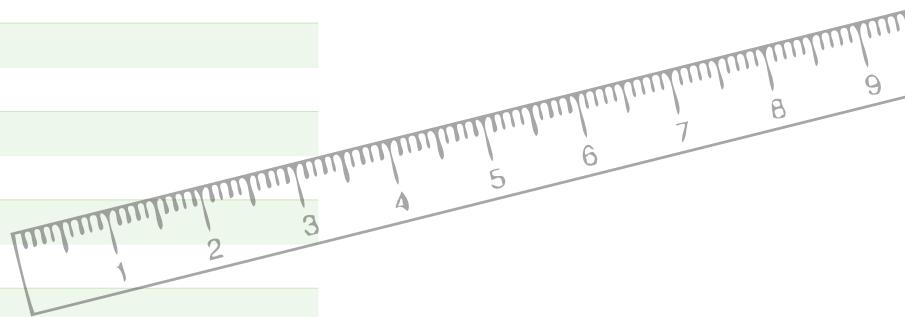




TABLA DE CONVERSIÓN / CONVERSION TABLE

Medidas de los EE.UU. al sistema métrico/ U.S. Units to Metric System

Longitud / Length

- una pulgada / one inch = 2.5 centímetros/ centimeters
- un pie / one foot = .3 metros / meters
- una yarda / one yard = .9 metros / meters
- una milla / one mile = 1.6 kilómetros / kilometers

Medidas para líquidos / Liquid Measure

- una onza / one ounce = .03 litros / liters
- una taza / one cup = 0.3 litros / liters
- una pinta / one pint = 0.5 litros / liters
- un galón / one gallon = 3.8 litros / liters

Peso / Weight

- una onza / one ounce = 28.5 gramos / grams
- una libra / one pound = 454 gramos / grams

Sistema métrico a medidas de los EE.UU. / Metric System to U.S. Units

Longitud / Length

- un centímetro / one centimeter = .39 pulgadas / inches
- un metro / one meter = 39.4 pulgadas / inches
- un kilómetro / one kilometer = .6 millas / miles

Medidas para líquidos / Liquid Measure

- Un litro / one liter = .3 galones / gallons

Peso / Weight

- Un gramo / one gram = .04 onzas / ounces
- Un kilogramo / one kilogram = 2.2 libras / pounds

VOCABULARIO DE JARDINERÍA**GARDENING VOCABULARY**

abonar	<i>enrich</i>
ácido	<i>acid</i>
acondicionar, enmendar	<i>amend</i>
agregar, añadir	<i>add</i>
agua	<i>water</i>
aire	<i>air</i>
alcalino	<i>alkaline</i>
análisis del suelo	<i>soil test</i>
anegado	<i>waterlogged</i>
arcilla	<i>clay</i>
arena	<i>sand</i>
arriate	<i>bed</i>
arriate a ras del suelo	<i>flat bed</i>
arriate elevado	<i>raised bed</i>
bote para composta	<i>compost bin</i>
camino	<i>walkway</i>
cavar, excavar	<i>dig</i>
colocar	<i>to place</i>
comida	<i>food</i>
composta, abono	<i>compost</i>
ingredientes de composta:	<i>compost ingredients:</i>
estiércol	<i>animal manure</i>
recortes del césped	<i>lawn cuttings</i>
plantas muertas	<i>dead plants</i>
hojas	<i>leaves</i>
serrín	<i>sawdust</i>
restos de cocina	<i>kitchen scraps</i>
(menos aceite, carne, huevos, productos lácteos)	<i>(excluding oil, meat, eggs, dairy products)</i>
correcciones/aditivos para el suelo, enmiendas de suelo	<i>soil amendments</i>
cortar	<i>cut</i>
corteza, pajote, acolchado	<i>mulch</i>
cosecha	<i>harvest</i>
cosechar	<i>to harvest</i>
cubrir	<i>cover</i>
cuenco	<i>basin</i>

Continuado de página 17

VOCABULARIO DE JARDINERÍA

dióxido de carbono

cultivar

cultivo

cultivo de cobertura

descomponer

descompuesto

desyerbar, jalar la maleza

drenaje

drenar

ecosistema

envase

espantapájaros

estaciones

estiércol

fertilizante

fila

fósforo

fungicida

heno

herbicida

hierro

hongo

huerta

humedad

humus, mantillo

inorgánico

insecticida

invernadero

labrar, escarbar

limo, cieno

lluvia

maceta

maleza, hierba mala

marchitado

marga

GARDENING VOCABULARY

carbon dioxide

cultivate

crop

cover crop

decompose

decomposed

to weed

drainage

drain

ecosystem

container

scarecrow

seasons

manure

fertilizer

row

phosphorus

fungicide

hay

herbicide

iron

fungus

orchard

moisture

humus

inorganic

insecticide

greenhouse

till

silt

rain

pot

weed

wilted

loam

Continuado de página 18

VOCABULARIO DE JARDINERÍA	GARDENING VOCABULARY
margoso	<i>loamy</i>
materia orgánica	<i>organic matter</i>
medidor de lluvia	<i>rain gauge</i>
medio ambiente	<i>environment</i>
mezcla	<i>mixture</i>
mezclar	<i>to mix</i>
minerales	<i>minerals</i>
musgo de turba	<i>peat moss</i>
nitrógeno	<i>nitrogen</i>
nutrientes	<i>nutrients</i>
orgánico	<i>organic</i>
oxígeno	<i>oxygen</i>
paja	<i>straw</i>
partícula	<i>particle</i>
pesticida	<i>pesticide</i>
planta de semillero, plántula	<i>seedling</i>
podar	<i>to prune</i>
potasio	<i>potassium</i>
reciclado	<i>recycled</i>
reciclar	<i>recycle</i>
regar	<i>to water</i>
reloj solar	<i>sundial</i>
riego	<i>irrigation</i>
roca	<i>rock</i>
rociar	<i>sprinkle</i>
semilla	<i>seed</i>
serrín	<i>sawdust</i>
suelo, tierra	<i>soil</i>
surco	<i>furrow</i>
textura	<i>texture</i>
transplantar	<i>transplant</i>
tubería de riego	<i>irrigation line</i>





FRASES DE JARDINERÍA

Es la época del año de plantar nuestro jardín.

Primero necesitamos hacer un análisis del suelo.

Este suelo tiene demasiada arcilla.

Este suelo tiene demasiada arena.

Este suelo tiene demasiado limo.

Nuestro suelo tiene que tener un equilibrio entre arcilla, arena y limo.

Este suelo equilibrado se llama marga.

Necesitamos extender una capa de compost sobre el jardín para enriquecer el suelo.

La compost se hace de material orgánico descompuesto.

Vamos a sembrar las semillas.

Vamos a transplantar las plántulas.

Vamos a excavar un hoyo con una llana.

El hoyo debe tener 4 pulgadas (10 cm) de profundidad.

Necesitamos regar el jardín.

Por favor, vete a buscar la manguera.

Necesitamos jalar la malaza del jardín.

Las frutas y los vegetales están maduros.

Es el momento de cosecharlos.

GARDENING PHRASES

It's the time of year to plant our garden.

First we need to do a soil test.

This soil has too much clay.

This soil has too much sand.

This soil has too much silt.

Our soil must be a balance of clay, sand, and silt.

This balanced soil is called loam.

We need to incorporate compost over the top of the garden to enrich the soil.

Compost is made of decomposed organic material.

Let's sow the seeds.

Let's transplant the seedlings.

Let's dig a hole with a trowel.

The hole should be 4 inches (10 cm) deep.

We need to water the garden.

Please go get the hose.

We need to weed the garden.

The fruits and vegetables are ripe.

It's time to harvest them.

PLANTAS	PLANTS
antera	<i>anther</i>
brote, renuevo	<i>shoot</i>
cáliz	<i>calyx</i>
corola	<i>corolla</i>
embrión	<i>embryo</i>
especies	<i>species</i>
estambre	<i>stamen</i>
estilo	<i>style</i>
filamento	<i>filament</i>
flor	<i>flower</i>
hoja	<i>leaf</i>
huevo	<i>egg</i>
ovario	<i>ovary</i>
óvulos	<i>ovules</i>
pétalo	<i>petal</i>
pimpollo, brote, yema	<i>bud</i>
pistilo	<i>pistil</i>
polen	<i>pollen</i>
polinizar	<i>pollinate</i>
raíz	<i>root</i>
sépalos	<i>sepals</i>
stigma	<i>stigma</i>
tallo	<i>stem</i>





VEGETALES

acega	
ajo	
apio	
berenjena	
brócoli	
calabacín	
calabaza	
cebolla	
chícharo, guisante	
col rizada, repollo rizado	
col, repollo	
coliflor	
ejotes, judías verdes	
espárragos	
espinaca	
frijoles	
frijoles de media luna	
frijoles pintos	
habas	
jalapeño	
lechuga	
maiz, choclo	
nabo	
tomate	
papa	
pepino	
pimiento campana	
rábano	
remolacha, betabel	
repollito/col de Bruselas	
zanahoria	
zapallito, calabacita, calabaza	

VEGETABLES

chard
garlic
celery
eggplant
broccoli
zucchini
gourd, pumpkin
onion
pea
kale
cabbage
cauliflower
green beans
asparagus
spinach
kidney beans
lima beans
pinto beans
broad beans
jalapeño
lettuce
corn
turnip
tomato
potato
cucumber
bell pepper
radish
beets
Brussels sprouts
carrot
squash

HIERBAS

albahaca
cebollinos, cebolletas
estragón
mejorana dulce
menta
orégano
perejil
romero
salvia
tomillo

HERBS

basil
chives
tarragon
sweet marjoram
mint
oregano
parsley
rosemary
sage
thyme





FRUTAS

Frutas de arbol
albaricoque
cereza
ciruela
durazno, melocotón
granada
higo
limón
mandarina, tangerina
manzana
mora
naranja
pera
toronja, pomelo

FRUITS

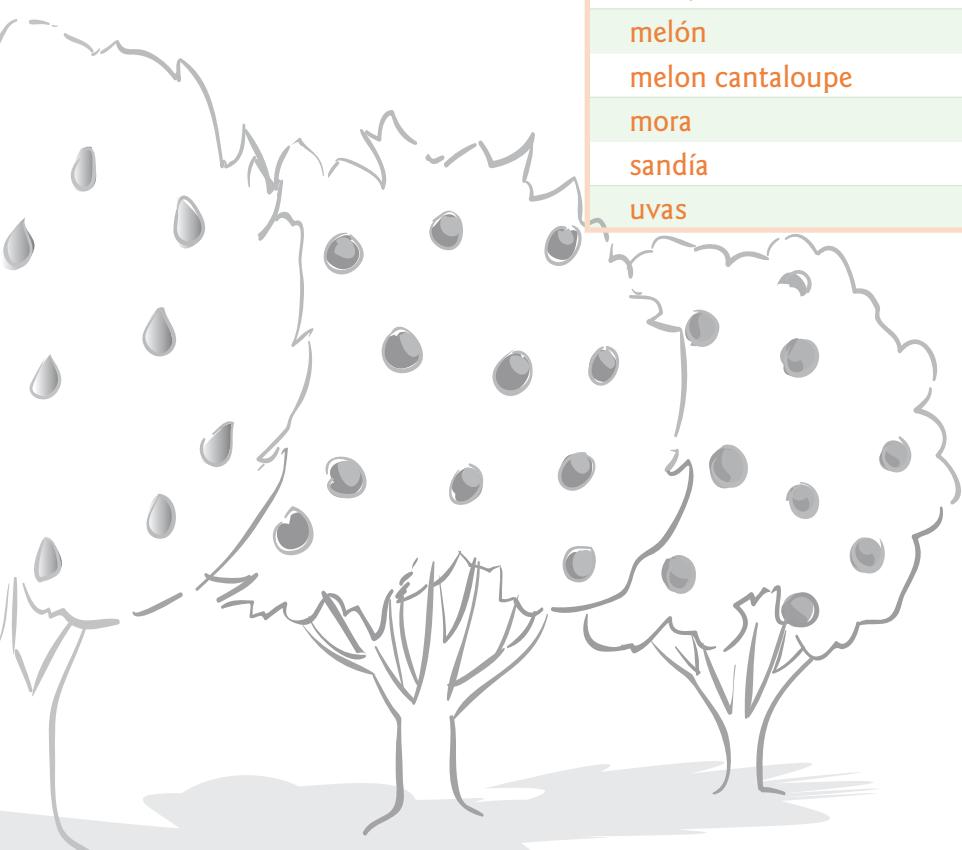
Tree Fruits
apricot
cherry
plum
peach
pomegranate
fig
lemon
tangerine
apple
mulberry
orange
pear
grapefruit

Frutas de enredadera y arbusto

arándano, mora azul
framuesa
fresa, frutilla
melón
melon cantaloupe
mora
sandía
uvas

Vine and Bush Fruits

blueberry
raspberry
strawberry
melon
cantaloupe
blackberry
watermelon
grapes



AYUDANTES EN EL JARDÍN**GARDEN HELPERS**

abeja	<i>bee</i>
chuparosas, colibrí	<i>hummingbird</i>
gusano, lombriz	<i>earthworm</i>
lagarto, lagartija	<i>lizard</i>
mantis religiosa	<i>praying mantis</i>
mariposa	<i>butterfly</i>
mariquita, catarina	<i>ladybug</i>
sapo	<i>toad</i>

Flores que repelen plagas**Flowers That Repel Pests**

caléndula	<i>calendula</i>
dalia	<i>dahlia</i>
geranio	<i>geranium</i>
maravilla, clavel chino	<i>marigold</i>
capuchina	<i>nasturtium</i>
petunia	<i>petunia</i>
salvia	<i>salvia</i>





PLAGAS EN EL JARDÍN

áfido
araña roja, ácaro
babosa
bacteria
caracol
cuervo
enfermedad
escarabajo
grillo
gusano excavador
hongo
hormiga
mapache
mosca
mosca blanca
nemátodo
oruga
polilla
saltahojas
saltamontes
sequía
topo, tuza

GARDEN PESTS

aphid
spider mite
slug
bacteria
snail
crow
disease
beetle
cricket
grub
fungus
ant
raccoon
fly
whitefly
nematode
caterpillar
moth
leaf hopper
grasshopper
drought
gopher



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