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Tomato Diseases in the Home Garden

(Ortho Garden Disease Control, Daconil, Bonide Fungonil Multipurpose Fungicide) or fixed copper sprays (Bonide Liquid Copper, Ortho Elementals Garden Disease Control), all available at garden centers. However, little benefit is achieved if one waits until strong activity exists before starting spray programs.

Fruit Rots: Blossom-end Rot is not can be avoided with adequate supply of soil moisture and adequate calcium levels (use of calcium chloride foliar sprays may assist as well). There is some Buckeye Rot which causes dark brown to black areas to develop on the fruit surface followed by decay. Unlike Blossom-end Rot, the blackened area is not sunken, and it may appear anywhere on the fruit, but usually on that part touching the soil or closest to the ground. Mulch can be used to reduce exposure of the fruits to the soilborne fungus and will also help reduce the occurrence of blossom-end rot. The Late Blight fungus can also cause blackened areas of the fruit, but may be rough and sunken at the margins compared to Buckeye Rot. Late Blight also attacks the foliage, blighting leaves, petioles and stems. Home garden fungicides containing chlorothalonil or fixed copper can be used to prevent fruit rots cause by

these two fungi.
Wilt Diseases: Walnut Wilt affects whole plants due to exposure to the toxin, juglone, produced usually by the roots of walnut trees growing near the garden. The toxin can even be produced by roots decomposing in the garden soil after the trees have been cut down. A brown staining of the xylem tissues in the stem can be seen when cut open. A similar dark staining of the xylem may occur when Fusarium wilt, Verticillium wilt, and even with root-knot nematode. Use of the VFN tomato varieties will prevent the latter three diseases.

Bacterial Spots: Bacterial Spot and Bacterial Speck can occur in home gardens. In some cases, the microbe causing bacterial spot may have been splashed to tomatoes in the garden from infected pepper transplants bought at a garden store. Bacterial Spot appears as dark, somewhat angular moist-looking spots on leaves and fruits. Disease-control chemicals containing fixed copper may help suppress this disease, but copper-containing chemicals are only partly effective and can damage the plant. Follow label directions.

Stem Cankers: Bacterial Canker occurs in commercial tomatoes, but less commonly in home garden tomatoes. Look for brown

lesions on petioles and stems and wilting and drying of foliage associated with the cankers. The Early Blight fungus also causes brown lesions on leaf petioles and stems, and as is seen on the leaves, the typical concentric texture of the lesion should be visible.

Mosaic: Tomato Mosaic Virus (TMV) can cause mottling and mosaic symptoms and somewhat deformed growth of the leaves and uneven ripening and gray wall of the fruit. Where TMV occurs in the home garden, look at the practice of saving tomato seeds from tomatoes harvested one season and planted the next as a possible practice which perpetuates the disease.

A very good publication with great color photos of tomato, pepper, and potato pest problems is UK Extension publication ID-172, An IPM Guide for Common Pests of Solanaceous Crops in KY. Contact us for a free copy.

For vegetable and other plant disease identification and control options, contact the Estill County Extension Office at 606-723-4557.

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Wishing Well®

6	7	4	7	6	2	8	2	3	8	6	2	6
A	L	B	O	S	A	Y	C	Y	O	S	H	I
2	6	5	2	5	2	3	8	7	5	2	3	2
A	S	N	N	O	G	O	U	V	G	E	U	O
6	5	8	7	3	6	2	7	3	2	3	4	2
T	O	H	E	A	O	F	O	R	S	E	E	C
6	7	3	7	4	2	4	6	7	3	8	3	5
T	V	O	E	S	E	Y	H	R	N	A	C	O
3	8	2	7	8	3	4	5	8	3	2	8	2
O	V	N	F	E	U	M	F	O	R	E	P	R
8	6	8	6	7	6	8	3	4	8	4	8	7
T	E	I	R	L	S	O	S	P	N	A	S	O
4	3	5	2	4	7	4	7	4	7	4	7	4
T	E	S	Y	H	W	E	I	T	N	I	G	C

HERE IS A PLEASANT LITTLE GAME that will give you a message every day. It's a numerical puzzle designed to spell out your fortune. Count the letters in your first name. If the number of letters is 6 or more, subtract 4. If the number is less than 6, add 3. The result is your key number. Start at the upper left-hand corner and check one of your key numbers, left to right. Then read the message the letters under the checked figures give you.

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CryptoQuip

This is a simple substitution cipher in which each letter used stands for another. If you think that X equals O, it will equal O throughout the puzzle. Solution is accomplished by trial and error.

Clue: C equals P

DS MQA ZQ FQ T WDWVW
BXZTBXJ CQJDTFBDF, D
PACCQPX MQAB SXXF TBX DL
ZQQJ WTLJP.

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CryptoQuote

AXYDLBAAXR
is LONGFELLOW

One letter stands for another. In this sample, A is used for the three L's, X for the two O's, etc. Single letters, apostrophes, the length and formation of the words are all hints. Each week the code letters are different.

JQV KC VOR ARCKQR PY J FJM
VP RLHQRC OKFCRZY, VP
QRWPQA VOR QRJWVKPMC PY
OKC HRQCPMJZKVT VP VOR
XPQZA OR ZKSRC KM.

— JFT ZPXRZZ

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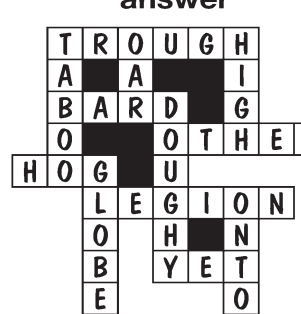
Puzzle Answers

June 9, 2021

Puzzles4Kids Answer



FEAR KNIT answer



Even Exchange answers

1. Throw, Throb
2. Kettle, Settle
3. Brook, Brood
4. Harps, Harpo
5. Elmer, Elder
6. Alike, Alice
7. Sting, Swing
8. Gusto, Gusto
9. Prayer, Player
10. Chill, Chill

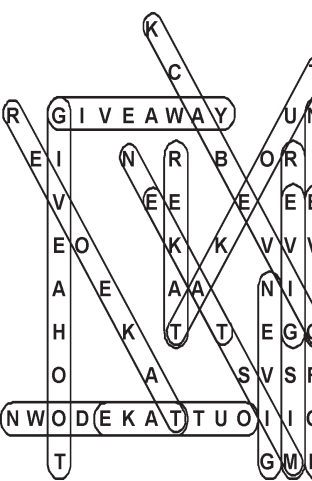
King Crossword

Answers

Solution time: 21 mins.



GIVE OR TAKE



Letter Box

Solution

R	T	H	F	A	C	U	B	E
C	E	A	H	U	B	F	T	R
B	U	F	T	E	R	C	A	H
T	H	E	A	C	F	B	R	U
U	F	R	B	T	H	E	C	A
A	B	C	E	R	U	H	F	T
H	C	U	R	B	T	A	E	F
F	A	T	C	H	E	R	U	B
E	R	B	U	F	A	T	H	C

Weekly SUDOKU

Answer

1	3	5	9	4	7	2	6	8
6	9	7	2	1	8	4	3	5
2	8	4	5	3	6	7	1	9
3	6	2	7	8	1	5	9	4
7	4	8	6	5	9	3	2	1
9	5	1	3	2	4	8	7	6
8	7	6	4	9	3	1	5	2
5	1	3	8	6	2	9	4	7
4	2	9	1	7	5	6	8	3

Bible Trivia Answers

Test Your Bible Knowledge, with 1,206 multiple-choice questions by columnist Wilson Casey, is available in bookstores and online.

ANSWERS (1) Neither; (2) Lowered through roof; (3) Built an altar; (4) Soldiers; (5) Jehu; (6) Aquila

Artists' gardens

Artist Robert Irwin is quoted as saying, "There's no palette as rich as a garden." He and other artists often designed their own gardens, and many can be visited today, such as Jacques Majorelle's "Jardin Majorelle" in Marrakech; Frida Kahlo's "Casa Azul" in Mexico City; Sol LeWitt's "Lines in Four Directions in Flowers" in Philadelphia's Fairmount Park; Claude Monet's garden in Giverny, Normandy; Georgia O'Keeffe's garden at Abiquiu, New Mexico; and Adam Purple's "Garden of Eden" in New York. — Brenda Weaver

Sources: www.artsy.net
www.cultivatingplace.com

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Calling All Buntings

Sure enough, after I wrote about millet being a favorite for buntings, I spotted a male painted bunting one morning in my little bird ground feeding area. He came the next day, too. Male painteds are spectacular! All you need is white proso millet. So simple.

E-mail: birdlingbits@eflrr.com
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Stickeler's Answer

Stickelers Answer

The letter is E.

These are some of the consecutive letters of the top row of a standard keyboard ... backward.

Stickeler's Puzzle on Page 7

Puzzle Answers

BIBLE WORD SEARCH

Answers

U G N I L I A F N U
K G H W L X D O E S
J F G T O L L R I M
U L A G R R A R I L
S O H I L A D U G O
T V Z I T L E E H V
I E D R S H U G T E
C I R R A Y F F I S
E W O I O N O U I G
X O L X S F D S L L

Art is the desire of a man to express himself, to record the reactions of his personality to the world he lives in. — Amy Lowell

Cryptoquote

If you go to a highly regarded podiatrist, I suppose your feet are in good hands.

Cryptoquip

Answers

U G N I L I A F N U
K G H W L X D O E S
J F G T O L L R I M
U L A G R R A R I L
S O H I L A D U G O
T V Z I T L E E H V
I E D R S H U G T E
C I R R A Y F F I S
E W O I O N O U I G
X O L X S F D S L L

Bible Word Search on Page 7

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ANSWERS (1) Neither; (2) Lowered through roof; (3) Built an altar; (4) Soldiers; (5) Jehu; (6) Aquila