

# What's Growin' On?

CA Crop Talk - Specialty Crops Edition

## Answer Key

### Page 3: Pumpkins & Squash

#### Identify the parts of the pumpkin

1. Leaves
2. Stem
3. Tendril
4. Pulp
5. Seed
6. Seed Coat
7. Brain
8. Ribs
9. Blossom End



#### Punnett Square

How many of the offspring are dark green? 2  
 What is the percentage of dark green offspring? 50%  
 Convert the percentage into: Fractions: 1/2 Decimals: .50  
 How many of the offspring are yellow? 2  
 What is the percentage of yellow offspring? 50%  
 Convert the percentage into: Fractions: 1/2 Decimals: .50

	B	b
b	Bb	bb
b	Bb	bb

### Page 8-9: California Grows...

#### Identify climate regions and top crops grown in each (answers may vary).

Mountain Region: Cattle & Calves, Almonds, Hay, Rice  
 Pacific Region: Grapes, Woody Ornamentals, Strawberries, Milk  
 Central Valley Region: Milk, Rice, Almonds, Cattle & Calves  
 Desert Region: Milk, Cattle & Calves, Woody Ornamentals, Hay

### Page 10: The Garden Center

#### Match the scientific name to the common name.

- |      |                                |                                |
|------|--------------------------------|--------------------------------|
| 1. d | 1. Juniperus chinensis 'Aurea' | a. Flowering Pear              |
| 2. e | 2. Myrsine africana            | b. Chinese (Tropical) Hibiscus |
| 3. a | 3. Pyrus calleryana            | c. Canary Island Pine          |
| 4. c | 4. Pinus canariensis           | d. Gold Coast Juniper          |
| 5. b | 5. Hibiscus rosa-sinensis      | e. African Boxwood             |







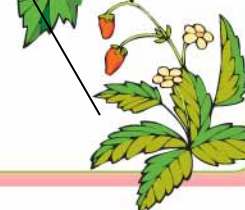
#### Drip irrigation in the garden.

1. Determine the square area ( $A = l \times w$ ) of your garden. 2,400 sq. ft.
2. How many feet of irrigation tubing will you need to irrigate all 10 rows? 1,200 ft.
3. What will the total cost be if the irrigation tubing costs \$0.05 per foot? \$60

## Page 11: Have a Berry Special Day

Match the berries.

**Activity** Match the berries below to how they are grown and what they look like.

How they are grown	Type of Berry	What it looks like
	Strawberry	
	Blueberry	
	Blackberry	
	Raspberry	

Calculate the costs of purchasing berries at the U-Pick farm.

½ a pound of raspberries: \$1.63

¼ pound of blueberries: \$.82

1¾ pounds of strawberries: \$5.23

## Page 12: Underground Edibles

Rearrange the circled letters.

- Potato
- Turnip
- Beet
- Carrot

### Square Roots

How many onion seeds can you plant? 81

Perimeter: 18 ft.

Area: 20.25 ft<sup>2</sup>

## Page 13: Food Safety is a Team Effort

Crossword.

Across

- Coldchain
- Monitor
- Sanitary
- Rind

Down

- Pathogen
- Crop
- Clamshell
- Grower

**Activity** It grows in soil, but can I eat it? There are many underground edibles that are a part of our diets! Rearrange the circled letters in the facts below to learn more about underground edibles.

The first food ever grown in outer space.  
P O T A T O

Used in the 1700s to provide feed for cattle during the winter.  
T U R N I P

Since the 1700s, it has been used as a natural dye.  
B E E T

Originally purple in color, this vegetable originated in central Asia.  
C A R R O T

# Page 14: Superb Herbs

## Word Search

**Medicinal Herbs Word Search**

Fenugreek  
Foxglove  
Ginkgo biloba  
Ginseng  
Witch hazel  
Horsetail  
Wormwood  
Lavender  
Yarrow  
Licorice

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

### Convert ingredients.

4 tablespoons dried oregano =  $\frac{1}{4}$  cup fresh oregano

1  $\frac{1}{3}$  tablespoons dried thyme =  $\frac{1}{12}$  cup fresh thyme

8 tablespoons dried basil =  $\frac{1}{2}$  cups fresh basil