

## What is Irrigation?



Adding water to plants, to help them grow.

## Where is Alberta Irrigation?

82% is in southern Alberta



## Why do we need to irrigate?

Because southern Alberta receives less rain and hotter temperatures than the rest of Alberta. Crops need irrigation to grow better.



## What are Reservoirs?

Artificial lakes where water is collected and stored for later use.



57 irrigation reservoirs in Southern Alberta

## What crops are irrigated?



60 Crop types

Canola  
Wheat  
Peas  
Dry Beans  
Carrots  
Hay  
Corn  
Onions  
Sugar beets  
Potatoes  
flax

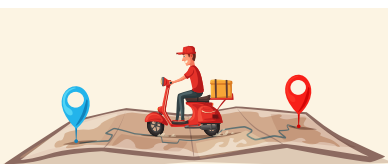
## Where do towns and cities get water?



Irrigation canals & pipelines supply water to 50 communities in southern Alberta

## 13 Irrigation Districts:

deliver water to farms, cities and towns, industry, wetlands and reservoirs through canals and pipelines.



## How does water get to the farms?

8,000 kilometers

Pipelines

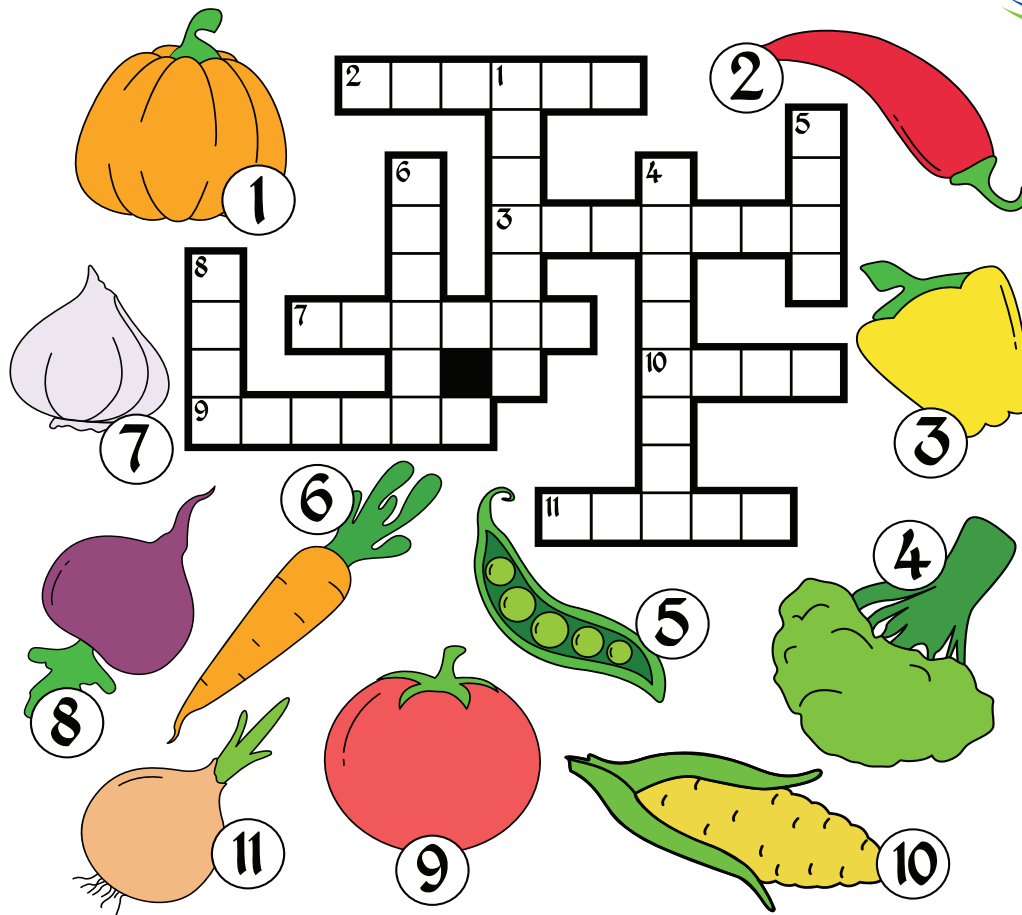


Canals

## How do farmers water the fields?



Pivots



## Irrigation in Alberta Word Search

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

AGRICULTURE  
 CAMPING  
 CANAL  
 CATTLE  
 CREEK  
 DAM  
 DRAINAGE  
 FARMING  
 FISHING  
 INFRASTRUCTURE  
 PIPELINES  
 PIVOT  
 RECREATION  
 RESERVOIR  
 RUNOFF  
 SNOW  
 STORAGE  
 WETLANDS