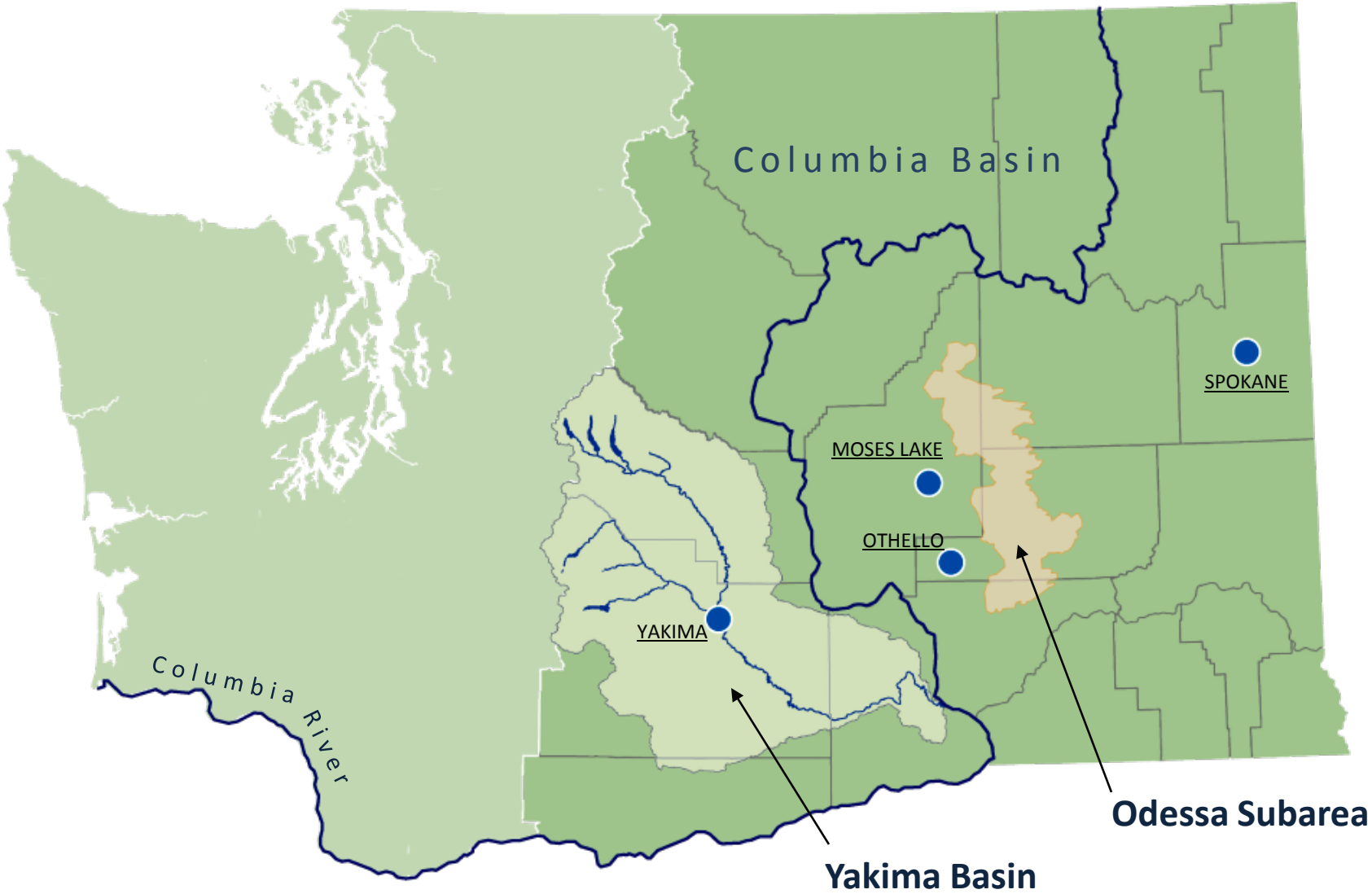
# 3.1.d – Make 423,000 acre-feet of new water supply available for agriculture by 2020.

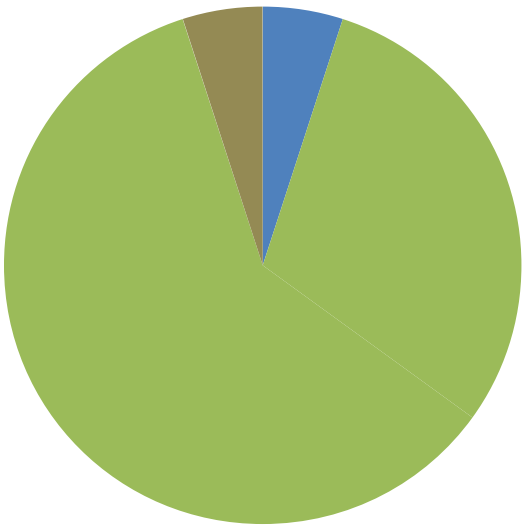



Source: Washington State Departments of Ecology and Agriculture

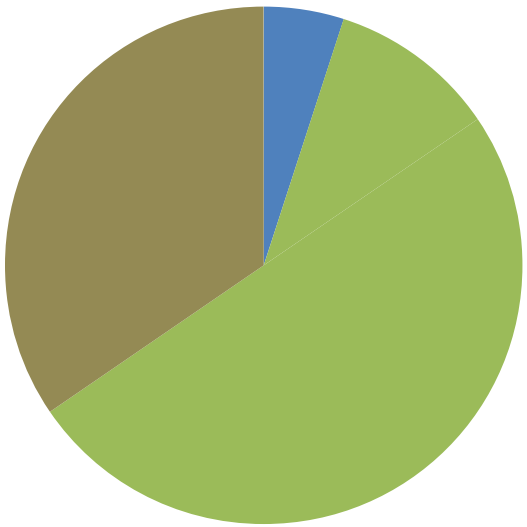
# 3.1.d – Make 423,000 acre-feet of new water supply available for agriculture by 2020.

## Odessa Subarea Irrigation – Groundwater wells irrigate 102,616 acres

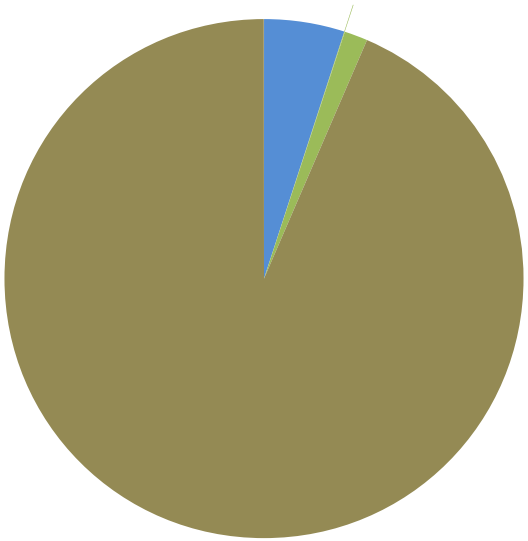
**2010**



**2020 No Action**



**2075 No Action**



**WELL STATUS KEY**

| Reliable Wells | Less Reliable Wells | Wells not usable |
|---|---|---|

**New surface water will replace groundwater for about 90,000 acres.**

**90,000 acres = irrigated land on about 260 farms**

Data Source: *Final Economics Technical Report - Odessa Subarea Special Study* , US Dept. of Interior, Bureau of Reclamation, 2012

# Value per harvested acre - 2012

Photo source: DNR

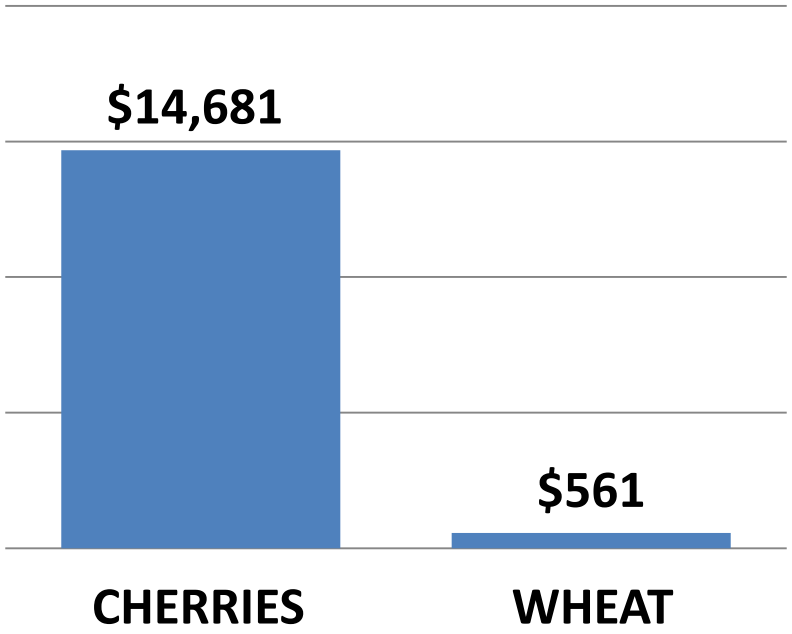
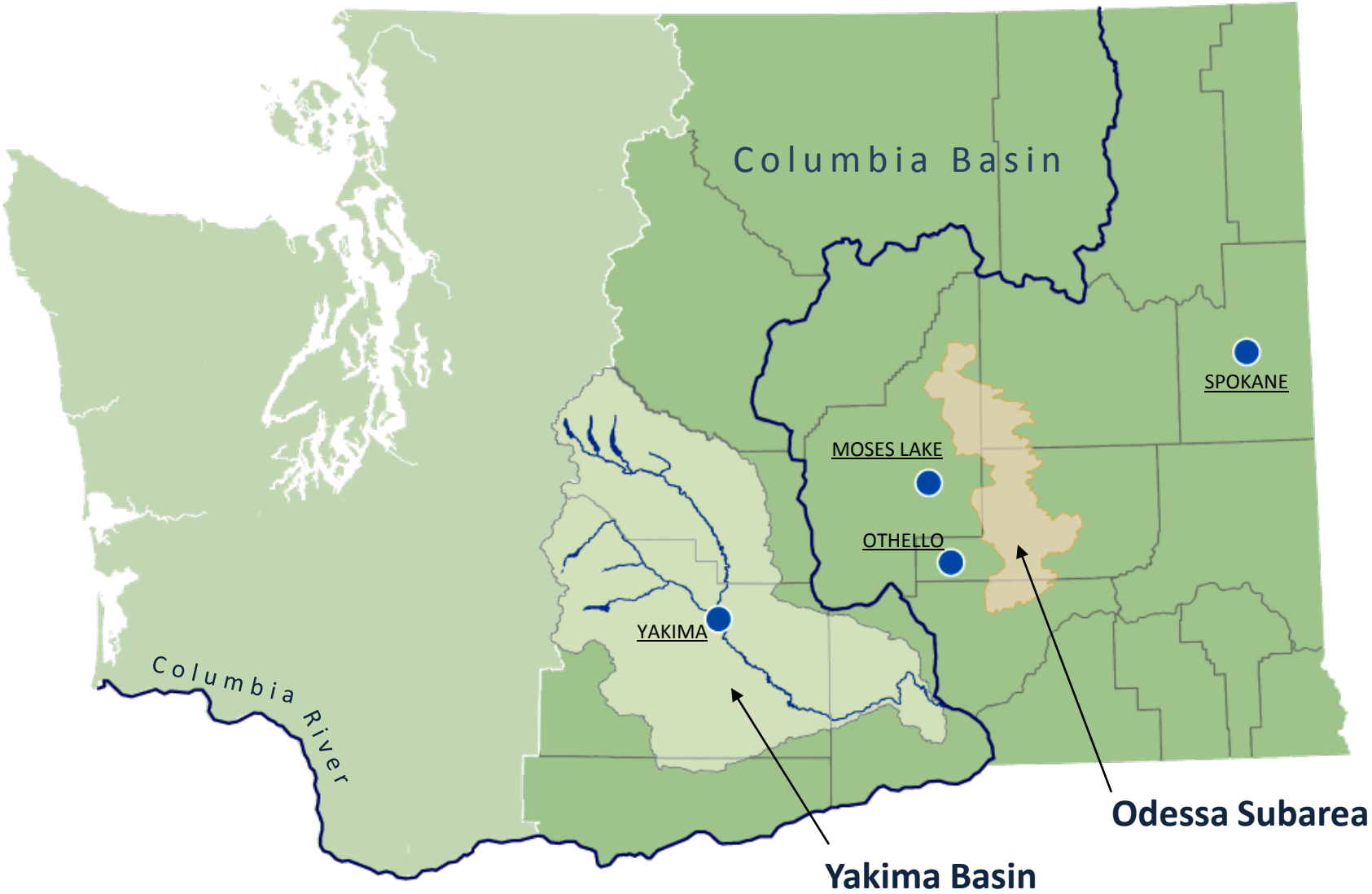


Photo source: DNR

Data source: USDA National Agricultural Statistics Service 2012

# 3.1.d – Make 423,000 acre-feet of new water supply available for agriculture by 2020.




Source: Washington State Departments of Ecology and Agriculture

# Yakima Basin - Integrated Resource Management

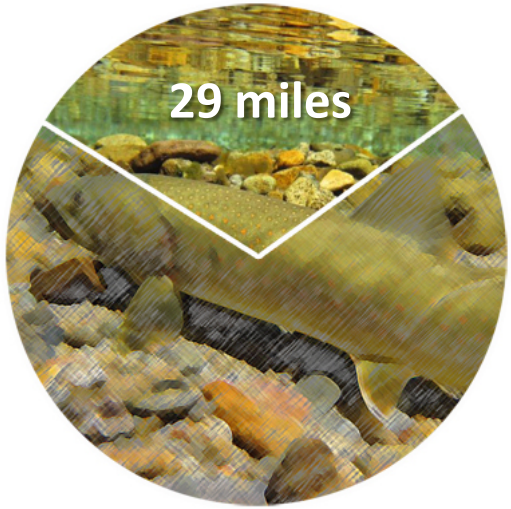
## OVERALL GOAL

**450,000 acre-feet**
of water for farms and communities

**100 stream miles**
of fish habitat

**70,000 acres**
of watershed lands protected

## PROJECTED 2020



# Strategies – Odessa Subarea

- Infrastructure
- Conservation
- Partnerships

The new Weber Siphon – built to carry water under I-90 to the southern half of the Odessa Subarea.

Photo Source: Washington State Dept. of Ecology

# 3.1.d – Make 423,000 acre-feet of new water supply available for agriculture by 2020.

**Johnson Farm along Hwy. 26 near Othello.**

Photo source: Washington State University