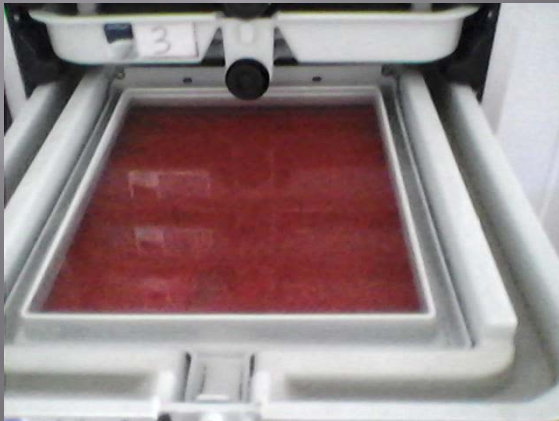


NAVAJO NATION FISH HATCHERY

From Fry to Fish to Frying Pan



Background

- ❑ Located in Toadlena, NM
- ❑ Began operation in March 1983
- ❑ Developed to ensure a continuous supply of stockable rainbow trout for Navajo Nation waters
- ❑ Raise rainbow trout from eyed eggs to approximately 6 inches for stocking
- ❑ Fish Biologist and 2 Fish Culturists





Newcomb

491

Industrial Service Route 5000

Indn Service Route 192

Indn Service Route 5001

Toadlena Fish Hatchery

Ind SR 5007

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Google earth

Recent Improvements

- ▣ Gravel road and fish loading areas
- ▣ Sod
- ▣ New raceways
- ▣ Lined ponds
- ▣ New signs



The Hatchery Process

- ▣ Eggs
- ▣ Fry
- ▣ Fingerlings
- ▣ Stock size



Eggs

- ❑ Eggs received from USFWS hatcheries in March and November
- ❑ Water is tempered until it is the same temperature as eggs
- ❑ Eggs are placed in water and disinfected, sample count is performed to estimate number of eggs
- ❑ Water and eggs are brought back up to temperature of incubator water
- ❑ Eggs are placed in incubator
- ❑ Dead eggs are removed and counted twice daily
- ❑ Eggs remain in incubator until hatched and yolk sac is absorbed



Fry

- ❑ Fry are moved to raceways following absorption of the yolk sac
- ❑ Feeding begins at this time
- ❑ Fish are fed daily
- ❑ Number of daily feedings based on fish size
- ❑ Fish remain in raceways until 2-3 inches in length
- ❑ Sample counts begin to monitor fish growth





Fingerlings

- ❑ At 2-3 inches fish are moved into rearing ponds
- ❑ 2 rearing ponds at hatchery
- ❑ Feeding continues, as fish grow number of daily feedings decreases
- ❑ Feeding rates determined by water temperature, fish size, and number of fish
- ❑ Fish remain in ponds until stock out



Stocking

- ❑ Fish remain in ponds until approximately 1 year of age
- ❑ Fish are stocked at approximately 6 inches
- ❑ Ponds are harvested and fish are stocked annually in March/April and October



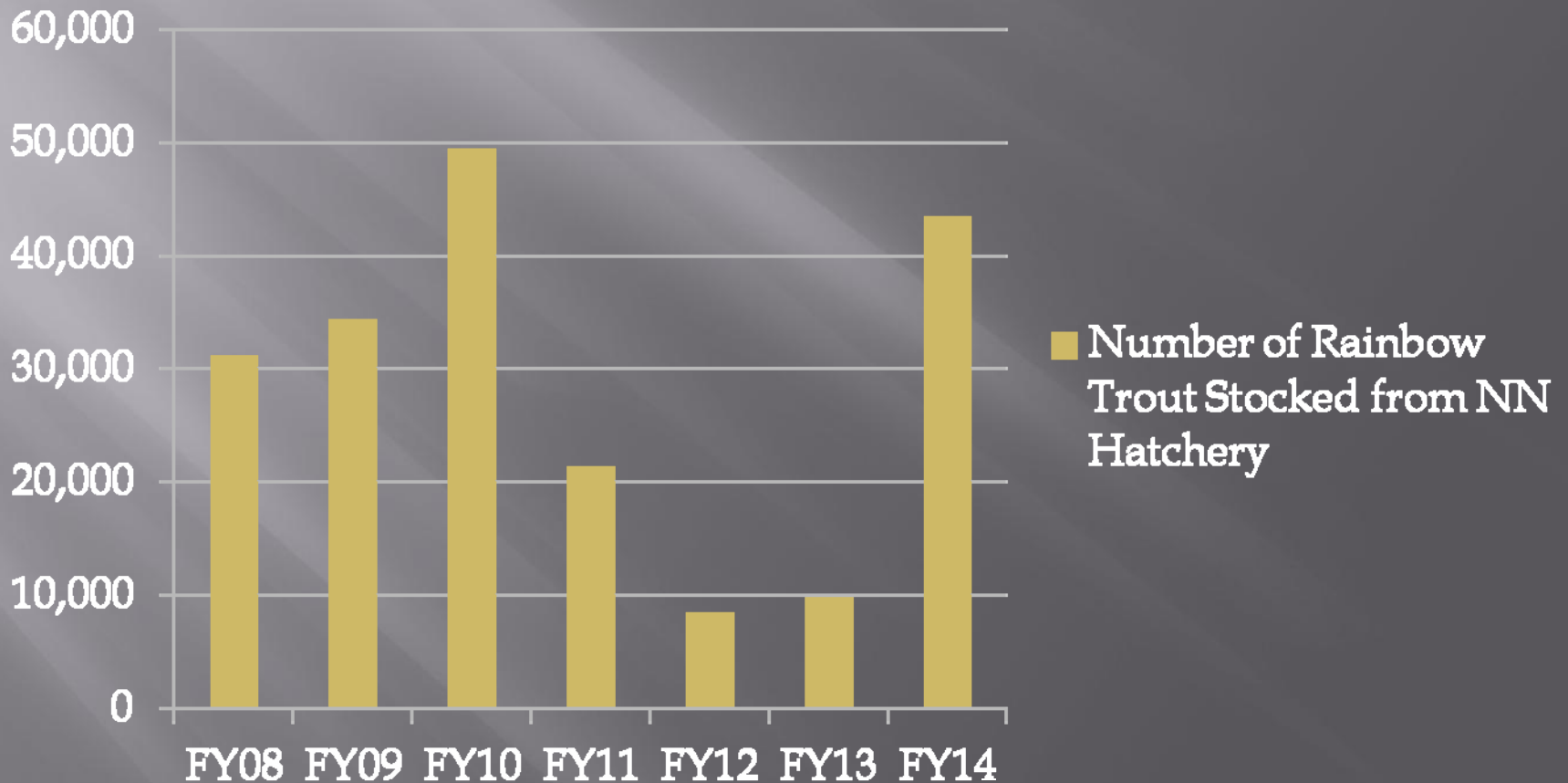


Enjoy



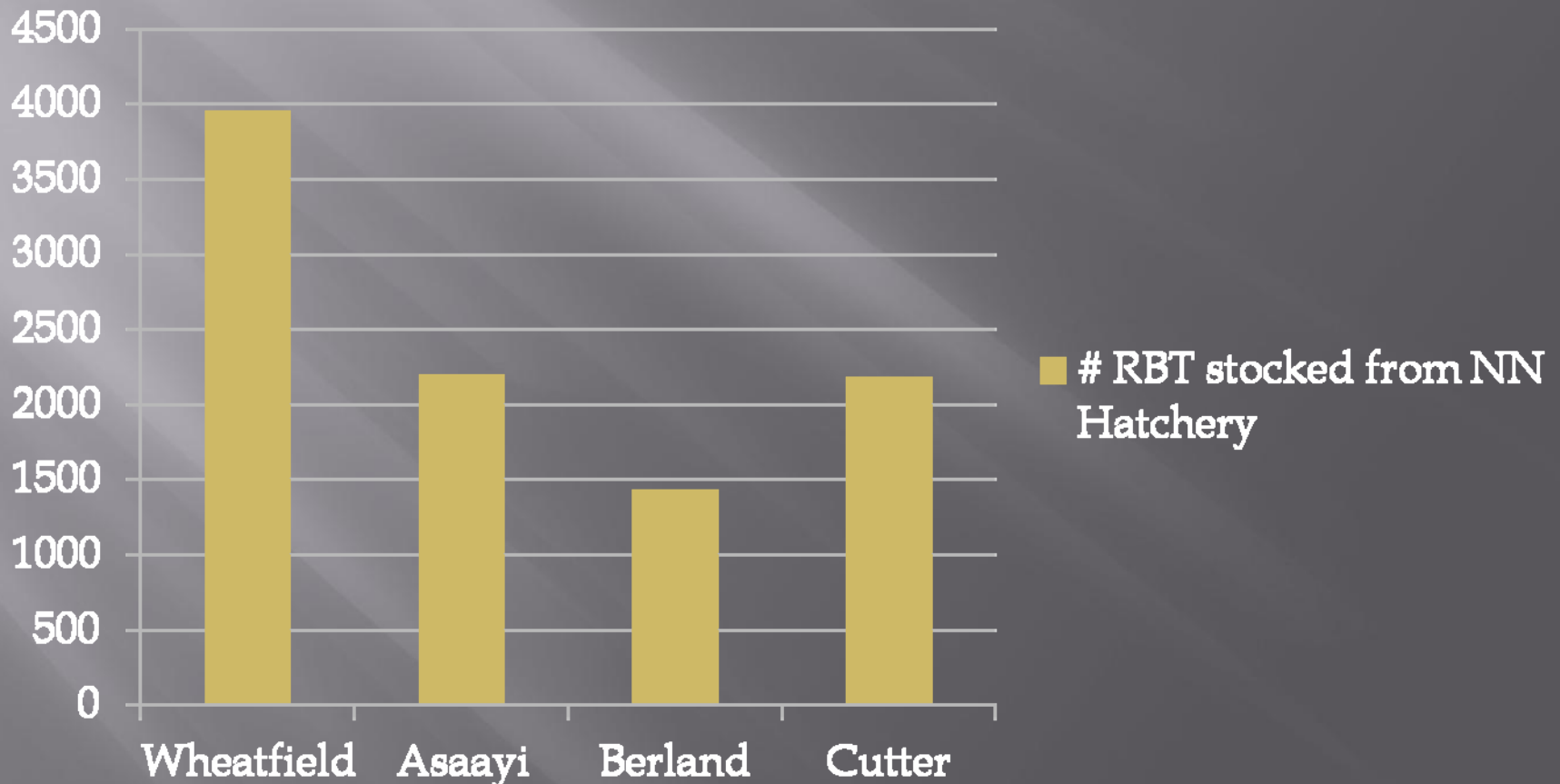
Stocking Data

NN Hatchery Rainbow Trout Stocking



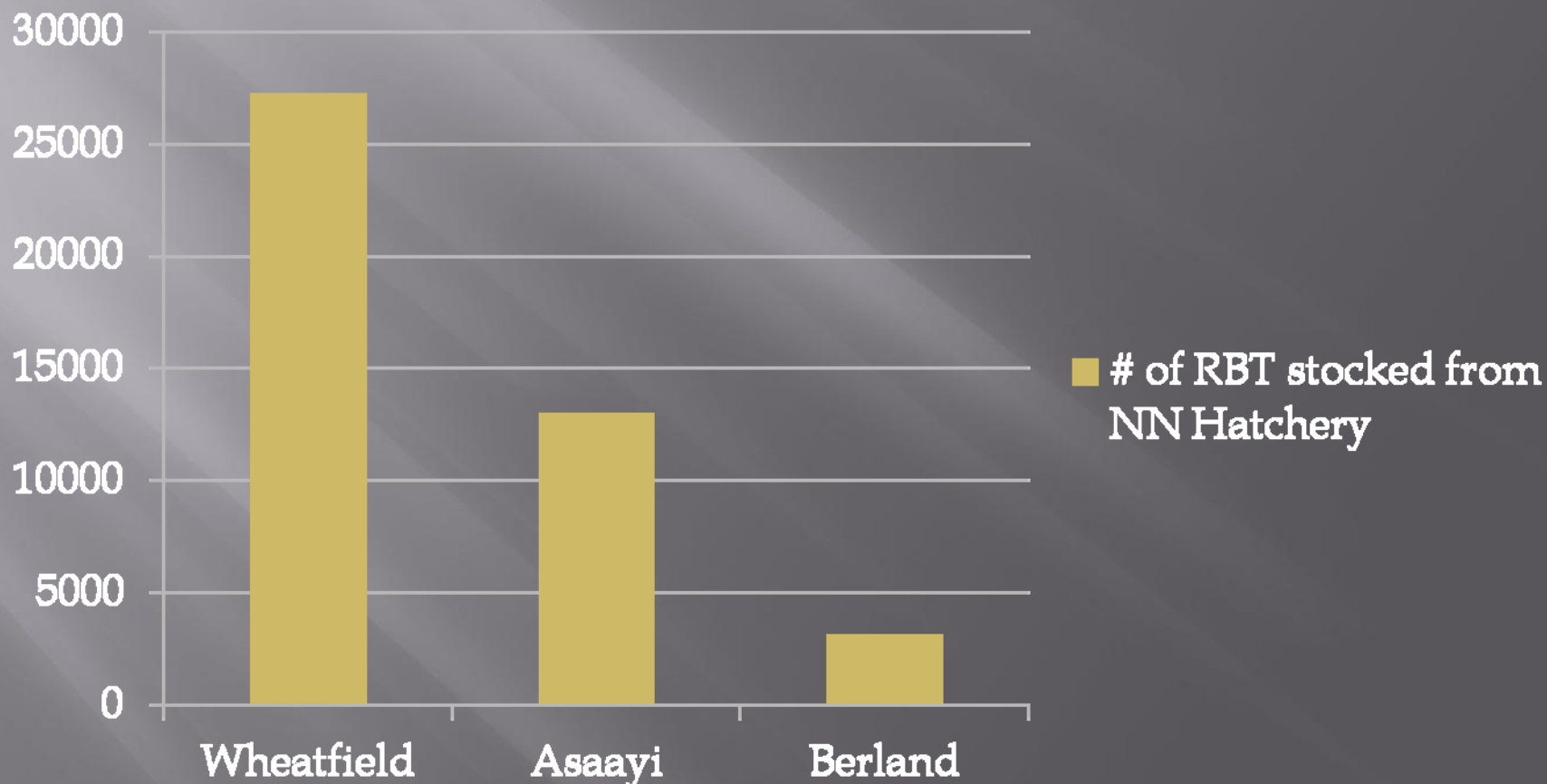
Stocking Data

Fiscal Year 2013 NN Hatchery RBT Stockings



Stocking Data

Fiscal Year 2014 NN Hatchery RBT Stocking



Visitors Welcome



Questions???

