

Irrigon Hatchery



2016 Fall Chinook Production

- Produce 1.4 million fingerlings @ 50 f/lb
- Release 400,000 into the Grande Ronde
- Release 1,000,000 into the Snake River

What are we talking about?

- Why did you deviate from established ponding, feeding, and rearing procedures?
- How did you determine the problems with the established procedures?
- What changes did you implement to meet production size?
- How did you get the crew to accept and follow the new changes?

Production Timeline

- Receive eyed eggs from Lyons Ferry Hatchery in mid-December
- Pond fry in early February
- Ad mark 800,000 & Ad/CWT 400,000 in late March
- Pit Tag in late April
- Release 1,400,000 in mid to late May

Program Problems

- Ponding
 - Direct Ponding vs. Circular Tanks
- Feeding
 - Hand Feeding vs. Auto-Feeding
- Predator Control
 - Bird netting on super-structure
- Three marking events
 - Manual Marking vs. Auto-Marking

Ponding Procedure



Ponding Procedure



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Ponding Procedure



Current Fall Chinook Ponding



Current Fall Chinook Ponding



Current Fall Chinook Ponding



Current Fall Chinook Ponding



Feeding Procedure



Feeding Procedure



Feeding Procedure



Feeding Procedure



Predator Control



Predator Control



Manual Marking



Auto-Marking



Crew Participation



Crew Participation



Crew Participation



Crew Participation



Conclusion

- ◉ Direct Ponding
 - Mini fish pump
- ◉ Hand Feeding
- ◉ Auto-Marking in late March
- ◉ Frequent sampling

Acknowledgements

- ◉ WDFW
- ◉ Lyons Ferry Hatchery
- ◉ LSRCP
- ◉ Scott Patterson/ODFW
- ◉ Idaho Power
- ◉ Irrigon Hatchery Staff

Questions?

