

## 2009 Lease Land Facts and Figures

### I. Acreages

Lease Land Acreage	
Tule Lake	17,302
Lower Klamath	5,526
<b>Total</b>	<b>22,828</b>

Organic Acreage		
Year	Acreage	% of Total
2000	38	0.2%
2003	3,040	13.3%
2006	5,753	25.2%
2009	7,518	32.9%

Lease Land Crop Acreage			
	Conventional	Organic	Total
Grain	11,302	1,205	12,507
Alfalfa	0	2,676	2,676
Potatoes*	2,699	213	2,912
Grass Hay	0	1,802	1,802
Walking Wetlands	0	1,584	1,584
Onions*	1,309	0	1,309
Horseradish*	0	38	38
<b>Total</b>	<b>15,310</b>	<b>7,518</b>	<b>22,828</b>
%	67%	33%	
* Row Crop	4,008	251	4,259
%	18%	1%	19%
Max. Row Crop			25%

### II. Economics

2009 Lease Land Economics	
Gross Revenues	\$2,890,576.90
*Expenses	\$1,173,731.93
Net Revenues	\$1,716,844.97

\*Expenses include operations, maintenance, water charges, taxes, pesticide monitoring, wetland projects, & administration.

### Pesticide Use

Regulated by Department of Interior staff. Pesticides are only allowed as a last resort under the existing IPM Plan. Product use is only approved after conducting stringent risk assessments by a federal team consisting of a: biologist, contaminants specialist, toxicologist, integrated pest management specialist, and natural resource specialist.

For that reason, an IPM plan was implemented in 1998 and a Pesticide Use Proposal (PUP) process has been established to evaluate the specifics of proposed chemicals, treatment sites, application method, and sensitive aspects of use. The decision to approve or disapprove a new chemical is based on extensive toxicity data, proposed use of the pesticide, environmental conditions, degradation rates, solubility, and availability of other cultural, biological, or less toxic alternatives (U.S. Fish and Wildlife Service 1998). In addition, the Service has established no-spray zones within 300 feet of the Sumps and 50 feet within any water bodies on the Refuges.

### Other Commercial Activities

Lease Land farming only occurs on the Tule Lake and Lower Klamath NWR's, per the Kuchel Act. In addition, U.S. Fish and Wildlife Service, Klamath Basin Refuges, permits the following commercial activities for the direct benefit of wildlife:

Sharecrop farming (annually):

- Tule Lake NWR
- Lower Klamath NWR

Livestock Grazing (annually):

- Lower Klamath NWR
- Clear Lake NWR
- Klamath Marsh NWR

Hunting Guides (annually):

- Tule Lake NWR
- Lower Klamath NWR

Logging (as needed):

- Bear Valley NWR