



# United States Department of the Interior

BUREAU OF RECLAMATION  
PO Box 25007  
Denver, Colorado 80225-0007

IN REPLY REFER TO:

D-5200  
LND-9.00

FEB \_5 2004

Subject: Perennial Crop Listing – Maximum Lease Allowable  
Reclamation Reform Act of 1982

Dear Ladies and Gentlemen:

This letter is transmitting the perennial crop listing that has been updated to include the eucalyptus tree in "Other Crops" for the 17 Western States. This listing supersedes any previous similar crop listing sent to you by the Bureau of Reclamation, or was included in a Reclamation Reform Act of 1982 (RRA) Workshop notebook.

As a result of a request, we have determined the eucalyptus tree is considered to be a perennial crop. The maximum lease term for acreage limitation purposes is:

- (1) Twenty-one years for the short-rotation eucalyptus crop (used for biomass farming and pulpwood), and
- (2) Twenty-five years for the long-rotation crop (used for cultivated greens and oil extraction).

The enclosed listing includes the westwide average lifespan for various perennial crops and also the average lifespan for certain perennial crops in nine states. In order to provide an effective set of data, the individual state lists only include those perennial crops for which the lifespan is different from the westwide averages. For purposes of acreage limitation administration, Reclamation allows the use of the average lifespan in the 17 Western states or the state average lifespan, whichever is greater. However, in order to use the state average lifespan, the land in question must be located in that state.

If you have any questions concerning the information presented in this memorandum, please contact the appropriate Reclamation office.

Sincerely,

Luis Maez  
Manager, Reclamation Law and  
Revenues Management

Enclosure

**17 WESTERN STATES  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN WESTWIDE (IN YEARS)</b>	<b>MAXIMUM LEASE TERM (IN YEARS)</b>
Berries	Blackberries	15	15
Berries	Blueberries (tame)	25	25
Berries	Boysenberries	15	15
Berries	Cranberries	45	25
Berries	Currants	15	15
Berries	Gooseberries	15	15
Berries	Loganberries	15	15
Berries	Olallieberries	15	15
Berries	Raspberries	10	10
Berries	Strawberries	5	10
Field/Seed	Alfalfa	18	18
Field/Seed	Bahia Grass	18	18
Field/Seed	Bentgrass	4	10
Field/Seed	Bermuda Grass	50	25
Field/Seed	Bromegrass	40	25
Field/Seed	Clover - Alsike	4	10
Field/Seed	Clover - Red	3	10
Field/Seed	Clover - White	4 Central	10
Field/Seed	Clover - White	4 North	10

	<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN WESTWIDE (IN YEARS)</b>	<b>MAXIMUM LEASE TERM (IN YEARS)</b>
	Field/Seed	Fescue grass	35	25
	Field/Seed	Grass silage	30	25
	Field/Seed	Kentucky bluegrass	35	25
	Field/Seed	Lespedeze	10	10
	Field/Seed	Orchard grass	10	10
	Field/Seed	Red top seed	4	10
	Field/Seed	Ryegrass (perennial)	4	10
	Field/Seed	Tame hay	7	10
	Field/Seed	Timothy grass	4	10
	Field/Seed	Wheat grass	35	25
	Field/Seed	Wild hay	30	25
	Fruits/Nuts	Almonds	50	25
	Fruits/Nuts	Apples (Malus bacata)	40	25
	Fruits/Nuts	Apples (Malus domestica)	30	25
	Fruits/Nuts	Apricots	18	18
	Fruits/Nuts	Avocados	35	25
	Fruits/Nuts	Cherries (Prunus avium)	28	25
	Fruits/Nuts	Cherries (Prunus cerasus)	20	20
	Fruits/Nuts	Chestnuts	20	20
	Fruits/Nuts	Dates	60	25
	Fruits/Nuts	Figs	100	25

	<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN WESTWIDE (IN YEARS)</b>	<b>MAXIMUM LEASE TERM (IN YEARS)</b>
	Fruits/Nuts	Filberts (Hazelnut)	100	25
	Fruits/Nuts	Grapefruit	40	25
	Fruits/Nuts	Grapes	40	25
	Fruits/Nuts	Guava	30	25
	Fruits/Nuts	Kiwifruit	15	15
	Fruits/Nuts	Lemons	40	25
	Fruits/Nuts	Limes	40	25
	Fruits/Nuts	Macadamia Nut	50	25
	Fruits/Nuts	Nectarine	15	15
	Fruits/Nuts	Olive	50	25
	Fruits/Nuts	Orange	40	25
	Fruits/Nuts	Peach	15	15
	Fruits/Nuts	Pear	44	25
	Fruits/Nuts	Pecan	100	25
	Fruits/Nuts	Persimmon	20	20
	Fruits/Nuts	Pimentos	100	25
	Fruits/Nuts	Pistachio	300	25
	Fruits/Nuts	Plum	25	25
	Fruits/Nuts	Pomegranates	4	10
	Fruits/Nuts	Tangelos	30	25
	Fruits/Nuts	Tangerines	30	25

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN WESTWIDE (IN YEARS)</b>	<b>MAXIMUM LEASE TERM (IN YEARS)</b>
Fruits/Nuts	Walnut	30	25
Other Crops	Christmas trees	10	10
Other Crops	Dill	2	10
Other Crops	Eucalyptus	21 (Short Rotation) 100 (Long Rotation)	21 25
Other Crops	Hops	35	25
Other Crops	Jojoba	20	20
Other Crops	Mint	6	10
Other Crops	Nursery Stock <sup>1</sup>	4 <sup>2</sup>	10
Other Crops	Sage	4	10
Other Crops	Sugarcane	8	10
Vegetables	Artichokes	10	10
Vegetables	Asparagus	20	20
Vegetables	Chives	3	10
Vegetables	Parsley	3	10
Vegetables	Rhubarb	7	10

<sup>1</sup> Nursery stock includes deciduous shade trees, deciduous flowering trees, deciduous shrubs and other ornamentals, broadleaf evergreens, and coniferous evergreens.

<sup>2</sup> Based on an average nursery growing cycle before “harvesting” the crops for sale.

**CALIFORNIA  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN IN CALIFORNIA (IN YEARS)</b>	<b>MAXIMUM LEASE TERM* (IN YEARS)</b>
Berries	Blackberries	10	15
Berries	Boysenberries	10	15
Berries	Olallieberries	10	15
Berries	Raspberries	8	10
Berries	Strawberries	2	10
Field/Seed	Alfalfa	7	18
Fruits/Nuts	Almonds	25	25
Fruits/Nuts	Apples (Malus domestica)	25	25
Fruits/Nuts	Apricots	30	25
Fruits/Nuts	Cherries (Prunus avium)	25	25
Fruits/Nuts	Figs	60	25
Fruits/Nuts	Kiwifruit	25	25
Fruits/Nuts	Nectarine	20	20
Fruits/Nuts	Olive	40	25
Fruits/Nuts	Peach	20	20
Fruits/Nuts	Pear	40	25
Fruits/Nuts	Persimmon	30	25
Fruits/Nuts	Pistachio	50	25
Fruits/Nuts	Pomegranates	25	25

CROP TYPE	CROP NAME	AVERAGE LIFESPAN IN CALIFORNIA (IN YEARS)	MAXIMUM LEASE TERM* (IN YEARS)
Vegetables	Artichokes	1	10
Vegetables	Asparagus	15 North	20
Vegetables	Asparagus	5 South	20
Vegetables	Rhubarb	5	10

\* Maximum lease term based on the higher of the average life of the crop Westwide or in California.

**COLORADO  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN IN COLORADO (IN YEARS)</b>	<b>MAXIMUM LEASE TERM* (IN YEARS)</b>
Berries	Currants	12	15
Berries	Gooseberries	12	15
Field/Seed	Alfalfa	12	18
Field/Seed	Fescue grass	25	25
Field/Seed	Timothy grass	8	10
Fruits/Nuts	Cherries (Prunus avium)	20	25
Fruits/Nuts	Nectarine	20	20
Fruits/Nuts	Peach	20	20
Fruits/Nuts	Pear	35	25
Other Crops	Dill	1	10
Vegetables	Asparagus	15	20
Vegetables	Parsley	1	10

\* Maximum lease term based on the higher of the average life of the crop Westwide or in Colorado.

**MONTANA  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN IN MONTANA (IN YEARS)</b>	<b>MAXIMUM LEASE TERM* (IN YEARS)</b>
Berries	Strawberries	3	10
Field/Seed	Alfalfa	8 Dryland	18
Field/Seed	Alfalfa	10 Irrigated	18
Fruits/Nuts	Apples (Malus domestica)	25	25
Fruits/Nuts	Cherries (Prunus avium)	20	25
Fruits/Nuts	Grapes	20	25
Fruits/Nuts	Pear	35	25
Fruits/Nuts	Plum	20	25
Vegetables	Asparagus	15	20

\* Maximum lease term based on the higher of the average life of the crop Westwide or in Montana.

**NEBRASKA  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN IN NEBRASKA (IN YEARS)</b>	<b>MAXIMUM LEASE TERM (IN YEARS)</b>
Field/Seed	Alfalfa	6	18
Field/Seed	Clover - Alsike	8	10
Field/Seed	Clover - White	8 Central	10
Field/Seed	Clover - White	8 North	10
Field/Seed	Orchard grass	6	10
Field/Seed	Ryegrass (perennial)	3	10
Field/Seed	Tame hay	15	15
Field/Seed	Timothy grass	6	10

\* Maximum lease term based on the higher of the average life of the crop Westwide or in Nebraska.

**NEVADA  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN IN NEVADA (IN YEARS)</b>	<b>MAXIMUM LEASE TERM* (IN YEARS)</b>
Field/Seed	Alfalfa -- Seed	3	18
Field/Seed	Alfalfa -- Forage	6	18

\* Maximum lease term based on the higher of the average life of the crop Westwide or in Nevada.

**NORTH DAKOTA  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN IN NORTH DAKOTA (IN YEARS)</b>	<b>MAXIMUM LEASE TERM* (IN YEARS)</b>
Field/Seed	Alfalfa	10	18
Field/Seed	Fescue grass	15	25
Field/Seed	Orchard grass	5	10

\* Maximum lease term based on the higher of the average life of the crop Westwide or in North Dakota.

**OKLAHOMA  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN IN OKLAHOMA (IN YEARS)</b>	<b>MAXIMUM LEASE TERM* (IN YEARS)</b>
Berries	Blueberries (tame)	50	25
Berries	Currants	15	15
Berries	Gooseberries	10	15
Berries	Loganberries	10	15
Field/Seed	Alfalfa	5	18
Field/Seed	Clover - White	6 Central	10
Field/Seed	Clover - White	6 North	10
Field/Seed	Orchard grass	5	10
Field/Seed	Wheat grass	10	25
Fruits/Nuts	Apples (Malus domestica)	40	25
Fruits/Nuts	Grapes	50	25

\* Maximum lease term based on the higher of the average life of the crop Westwide or in Oklahoma.

**OREGON  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN IN OREGON (IN YEARS)</b>	<b>MAXIMUM LEASE TERM* (IN YEARS)</b>
Berries	Blueberries (tame)	30	25
Berries	Raspberries	15	15
Field/Seed	Alfalfa	7	18
Field/Seed	Bentgrass	15	15
Field/Seed	Bromegrass	10	25
Field/Seed	Clover - Alsike	5	10
Field/Seed	Clover - White	10	10
Field/Seed	Fescue grass	15	25
Field/Seed	Grass silage	8	25
Field/Seed	Kentucky bluegrass	10	25
Field/Seed	Ryegrass (perennial)	10	10
Field/Seed	Tame hay	10	10
Field/Seed	Timothy grass	5	10
Field/Seed	Wild hay	20	25

\* Maximum lease term based on the higher of the average life of the crop Westwide or in Oregon.

**UTAH  
PERENNIAL CROP LISTING  
MAXIMUM LEASE ALLOWABLE**

<b>CROP TYPE</b>	<b>CROP NAME</b>	<b>AVERAGE LIFESPAN IN UTAH (IN YEARS)</b>	<b>MAXIMUM LEASE TERM* (IN YEARS)</b>
Field/Seed	Red top seed	8	10
Field/Seed	Ryegrass (perennial)	8	10
Field/Seed	Timothy grass	8	10

\* Maximum lease term based on the higher of the average life of the crop Westwide or in Utah.