

Minutes of the 2008 Meeting

Cereals Advisory Committee

Certification, Foundation Seed, and Plant Materials Board

Friday, November 21, 2008 Board Room, Columbia Gorge Community College, The Dalles, Oregon

Present: Curt Howell, Chair, Kurt Farris, Vice-chair, J.W. Cope, Michael Flowers, Carl Haugerud, Sandy Macnab, Jim Peterson, Lee von Borstel, Randy Black, Dan Curry, Sabry Elias, Rachel Hankins, Randy Knight, Dennis Lundeen, Jerry L. Robinson, Greg Vollmer, John Zielinski, Barry Schrupf (CAC membership enclosed on pages 5-6).

Item 1. Call to Order and Introductions.

Curt Howell called the meeting to order at 9:10 AM. Those in attendance introduced themselves and their respective affiliations. This was the first CAC meeting to utilize polycom technology, with video and audio from OSU and the Klamath County Extension Office, plus one on-the-road participant connected by phone.

Item 2. Appreciation and Recognition.

Dan Curry, OSU Director of Seed Services thanked the membership for their participation in the work of the advisory committee and presented recognition certificates to Kurt Farris and Randy Black.

Item 3. The agenda was approved as distributed (page 7)

Item 4. Approval of the Minutes from the Nov 20, 2007 Cereals Advisory Committee meeting.

ACTION: M/S von Borstel/Haugerud to approve the 2007 Minutes as distributed by email. All in favor. Motion carried.

Item 5. Report – Certification and Foundation Seed and Plant Materials Board (here-in-after “the Board”).

Carl Haugerud reported that the Board met on February 12, 2008. There were no recommendations from the CAC that required an action by the Board at that meeting. The Board was informed of a policy recommendation made by the CAC to the cereals seed certification project: henceforth inspectors will reject a field, subject to reinspection, upon the first finding of Cereal rye in the field.

Item 6. Report – Oregon Certification Variety Review Committee (OCVR).

Michael Flowers, Chair, OCVR reported the committee met on April 15, 2008 and recommended the release of ORH010085 and ORI2042037, and that these had subsequently been released as Skiles soft white winter wheat and ORCF-103 Clearfield soft white winter wheat, respectively.

Item 7. Field marking for isolation and excluded areas.

The requirement to physically mark a boundary within a field where the boundary of the area to be certified is different than the actual edge of the planted area, results in what can be a time-consuming task; delineating this boundary is usually done with stakes or spray paint. Many growers wish to voluntarily exclude the outside edge of their field, a strip around the field usually designated as one “combine header width”. In some cases, this one header width strip can be on some sides of a field, plus two or more header widths on a particularly troublesome side of a field. [Note, combine header widths can vary among makes and models of equipment]. The excluded area usually parallels the actual edge of a field, but sometimes diverges from the field edge to exclude a large corner of a field, or an area where machinery enter and exit the field. Prior to the year 2000, stakes or other features of the field (distinct ditch, fence) where the only alternatives for marking the alternative field boundary; in that year, spray paint was added to the list of alternative methods. The current policy leaves the task, and potential liabilities, for the exact

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delineation of the boundary in the hands of the grower; that policy is presented on page 8 of these minutes. An ad hoc subcommittee was appointed by the Chair to further discuss this policy and to explore further alternative methods for designating certified field boundaries within a planted area; the subcommittee consists of Lee von Borstel, Joe McDonald, John Zielinski, and Barry Schrupf. Also, M/S (von Borstel/Haugerud): add "25% Rule" for isolation between classes of a variety to Special Requirements for Cereal rye and Triticale (see General Standards IV.D.1).

Item 8. Field history requirement for Clearfield winter wheat.

A grower submitted a proposal to allow a spring wheat to be immediately followed by a Clearfield winter wheat. The proposal was based on the expectation that volunteers of a spring wheat would be killed by either the cold temperatures of the succeeding winter (winter-kill), or by the required application of 4oz/ac Beyond herbicide. Discussion observed too many cases where spring wheat volunteers did not winter-kill, and that use of Beyond herbicide on Clearfield wheat varieties was appropriate for grain production, but not for Certified seed production – there were too many ways that volunteers could escape the herbicide control. No action was taken to change the current field history requirements.

Item 9. On-line seedling applications

Rachel Hankins reviewed the procedure for submitting seedling applications via the oscs web page: <http://web.oscs.orst.edu/online> [Note: this address is a correction from the handout.] This website can also be linked directly from the Oregon Seed Certification website. Both a poster and a power point presentation were utilized for describing the process. Rachel cautioned to not use the "enter" or "return" key to navigate through the form, and she made the following observations:

If the crop variety is proprietary, then a contractor is required; if the cereal variety is public, then the applicant is given the opportunity to enter a cc. to whom will be sent copies of seedling and crop inspection reports.

At the end of the on-line application process, the applicant is given the opportunity to retrieve a copy of the application; the resulting completed and printed application will have a transaction number – the applicant is encouraged to write this number on bundled seed stock tags, field map, and check that will be submitted as the document packet for the application. The computer-calculated fee is based on the planting date and the application date. The packet is to be received at the OSCS office within ten days of submitting the online application; OSCS staff will not know of the existence of the field prior to receiving the packet. Even if all seed source documentation is not available to include in the packet, get the packet sent to arrive within the ten-day period; there will be follow-up from the OSCS office for any deficiencies with an application.

If an online application is submitted, and then realized to be in error, then don't send the document packet; the online application is ignored until the packet is received. Applicants are encouraged to go online to see that their field has been entered into the program (there can be a delay), and/or to monitor their checking account for debit of the check.

Lee von Borstel made a strong request for a billing process to replace sending a check along with the packet. This has been considered by OSCS, but it is tremendously efficient for the OSCS to receive payment with the application, rather than to initiate a cost-incurring, after-the-fact billing procedure. For now we will continue the requirement of paying the fee along with the application.

Item 10. Hybrid annual rape / Type canola standards.

Randy Knight reviewed standards for this new crop in Oregon; he also made the committee aware of new standards for Hybrid sunflower, Camelina, and Chicory.

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Item 11. Reports

Oregon Department of Agriculture – Randy Black provided an update on both the Weed Free Forage Program and the Cereal Leaf Beetle; Randy noted that by 2009 all US Forest Service areas will require use of weed free forage, and the Bureau of Land Management is considering the same.

Washington State Crop Improvement Association and Washington Foundation Seed Project – Jerry Robinson provided update on the Washington State University Winter and Spring wheat breeding positions; the university is committed to refilling both positions. 2008 was a good year for WSCIA, both for increases in acres and revenues.

Department of Crop and Soil Sciences, Oregon State University – Russ Karow thanked all the advisory committee members for their interest and participation. Then he noted the retirement of Dean Thayne Dutson in June of 2008; a search is underway for the next Dean of Agriculture. Russ described the situation for the Oregon University System in light of reduced revenue forecasts for the State of Oregon. Oregon State University will make across-the-board cuts in spending for the remainder of this biennium. Russ indicated we should plan for budget cuts in the next biennium as well.

OSU Seed Lab – Sabry Elias reviewed the test for Evaluation of Pre-Harvest Sprouting; due to rain during this past harvest season, use was made of this test. Sabry also review other seed tests available to the small grains industry. Sabry indicated that Seed Lab personnel could work with, and/or advise grain warehouse personnel to establish an “in-house” capability specific to on-site testing for Jointed goatgrass. A drop in wheat test viabilities in 2008 brought questions about testing consistency, but it seemed that out of the ordinary rain and high temperatures during the growing season may have accounted for these variations.

OSU Seed Certification – Dennis Lundeen also extended an appreciation for the efforts made by industry representatives to participate in the advisory committee. Dennis noted Rachel Hankins’ first year as a seed certification inspector; Rachel was hired to complete the staffing following Dennis’ hire as the project manager. Dennis reviewed progress made toward implementing the on-line application process; procedures have been reviewed with county extension office staff, and will be on display at the Hermiston Farm Fair and the Oregon Seed League annual meeting. John Zielinski reviewed use of Certificates of Final Certification and Seed Transfers, with an emphasis on the success of offering these certificates on-line. John also reviewed summaries of the past season’s inspection results. (See pages 10, 11, and 12). John also discussed “Oregon Approved Certified Seed Warehouse” signs for seed conditioning plants; John and Dennis expect to make headway with this project in 2009.

Item 12. Vice-chair election.

ACTION: M/S von Borstel/Farris to nominate Carl Haugerud as Vice Chair for 2009. All in favor. Motion carried.

Item 13. Other business.

Stewardship program for “Clearfield wheat” varieties - Jim Peterson asked if the seed certification inspectors could ask growers if and when the Beyond herbicide had been applied. Application of the herbicide is part of the stewardship program, and by signed agreement the herbicide will be applied for seed production, and failure to do so will forfeit eligibility for seed certification. Considerable discussion followed, including questions of who is the ultimate recipient of the information, what decisions are based on that information, when does the information need to be available for making the decisions, what liabilities might accrue to those involved in gathering the information. Jim decided that the wheat breeding program needed to further consider options for

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gathering the information.

Meeting place and time – there was general agreement that The Dalles location was reasonably located, that Fridays were attractive since parking lots were nearly empty; November 20, 2009 was tentatively set for the next meeting. Use of the polycom system was successful for including participation from remote sites, however a face-to-face meeting might be preferable if changes to standards and policies are to be considered.

A summary list of CAC recommendations and information items to the Board are enclosed on page 9.

The meeting adjourned at 12:30 PM.

Respectfully submitted:

Barry Schruppf, Secretary
Secretary, Cereals Advisory Committee

and

John Zielinski, Project Coordinator
OSCS Small Grains Certification Project

Enclosures

List of Committee members, pages 5-6
Schedule and Agenda for the 2008 Cereals Advisory Committee Meeting, page 7
Marking Field Boundaries, Isolation and Excluded Areas for Inspections, page 8
Motions for presentation to the Certification Board, page 9
Nine-year comparison of shipping certificate usage, page 10
OSCS 2008 Small Grain Season Summary, page 11
Multi-year comparison of small grain inspections, page 12

cc: Cereals Advisory Committee
Certification and Foundation Seed and Plant Materials Board
Scott Reed, Vice Provost for University Outreach and Engagement
Bill Boggess, Interim Dean, OSU College of Agricultural Sciences
Stella Coakley, Associate Dean, OSU College of Agricultural Sciences
William S. Braunworth, Jr., Leader-Extension Ag Program, OSU College of Agricultural Sciences
Russ Karow, Head, Department of Crop and Soil Science, OSU
Pat Hayes, Associate Dept Head, Crop and Soil Science, OSU
Dan Curry, Director, OSU Seed Services
Dennis Hays, Oregon Feed & Grain Association
Tammy Dennee, Oregon Wheat Growers League
Tana Simpson, Oregon Wheat Commission
Tammy Dennee, Oregon Grains Commission
John Oades, U.S. Wheat Associates
Randy Black, Oregon Department of Agriculture
Fawad Shah, Manager, Seed Inspection Program, Washington Department of Agriculture
Greg Lowry, Idaho Crop Improvement Association
Jerry Robinson, Washington State Crop Improvement Association
Kathy Stewart-Williams, University of Idaho Foundation Seed Program
Bob Stewart, California Crop Improvement Association
Extension Crops Agents

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CEREAL ADVISORY COMMITTEE MEMBERSHIP, Annual Meeting 2008

<u>Name</u>	<u>Annual Meetings</u>	<u>Address</u>	<u>Affiliation</u>
Lee von Borstel (541) 442-5555 seedplant@mcpcoop.com	'08, '09, '10 Chair, 2005	Mid Columbia Producers PO Box 344 Moro, OR 97039	Grower (OWGL)
Kurt Farris (541) 546-5222 kfarris@rbseed.com	'08, '09, '10 Vice Chair, 2008	Round Butte Seed Growers, Inc. PO Box 117 Culver, OR 97734	Dealer (OFGA)
Curt Howell (541) 898-7333 6936@eoni.com	'07, '08, '09 Chair, 2008	Oregon Trail Seeds, Inc. P.O. Box 7 North Powder, OR 97867	Grower (OWGL)
Calvin Ashbeck 541-969-9761	'07, '08, '09		Dealer (OFGA)
JW Cope (530) 667-2275 jcope.winema@cot.net	'06, '07, '08 Chair, 1996, 2006	P.O. Box 848 Tule Lake, CA 96134	Producer (OGC)
Carl Haugerud (503) 394-3573 haugerud@smt-net.com	'06, '07, '08 Representative to the Board; Chair, 1999	39379 Stayton - Scio Road Scio, OR 97374	Grower (OWGL)
Joe McDonald (541) 278-5072 jmcdonald@pggcountry.com	'06, '07, '08 Chair, 2002, 2007	Pendleton Grain Growers P.O. Box 1248 Pendleton, OR 97801	Dealer (OFGA)
Sandy Macnab (541) 565-3230 sandy.macnab@oregonstate.edu	Permanent	Sherman County Extension PO Box 385 Moro, OR 97039	County Extension Agent OSU
Mike Flowers (541) 737-9940 mike.flowers@oregonstate.edu	Permanent	Crop Science Bldg. 225 Corvallis, OR 97331	OSU Extension Cereal Specialist
Jim Peterson (541) 737-4278 cjp@oregonstate.edu	Permanent	Crop Science Bldg. 231 Corvallis, OR 97331	Cereal Breeder OSU
Randy Black (503) 986-4620 rblack@oda.state.or.us	(ex-officio)	Oregon Dept. of Agriculture 635 Capitol St. N.E. Salem, OR 97310-0110	Commodity Inspection Division, ODA
Russ Karow (541) 737-5857 russell.s.karow@oregonstate.edu	(ex-officio)	Crop Science Bldg. 131 Corvallis, OR 97331	Head, OSU Dept. Crop & Soil Science
Dan Curry (541) 737-5094 daniel.curry@oregonstate.edu	(ex-officio)	Crop Science Bldg. 351B Corvallis, OR 97331	Director, Seed Services Oregon State University
Adriel Garay (541) 737-4464 adriel.garay@oscs.orst.edu	(ex-officio)	Seed Lab 102A Corvallis, OR 97331	Seed Laboratory Manager, OSU

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Dennis Lundeen (541) 737-4513 dennis.lundeen@oscs.orst.edu	(ex-officio)	Crop Science Bldg. 031 Corvallis, OR 97331	Seed Certification Manager, OSU
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Affiliations: OFGA - Oregon Feed & Grain Association, Dennis Hays, Executive Secretary; OWGL - Oregon Wheat Growers League, Tammy Dennee, Executive Director; OGC - Oregon Grains Commission, Tammy Dennee, Administrator; ODA - Oregon Department of Agriculture; OSU – Oregon State University.

Each member is appointed for a three-year term. The membership list above shows the years of a member's term in which the late Fall annual meeting will take place. The appointment actually commences and ends with the completion of business of the Certification Board annual meeting, usually in mid February of each year. Thus a Cereals Advisory Committee appointment is from mid February to mid February for three consecutive years.

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CEREALS ADVISORY COMMITTEE
CERTIFICATION AND FOUNDATION SEED AND PLANT MATERIALS BOARD

Schedule and Agenda

Friday, November 21, 2008; 9:00 AM – Noon
Board Room, Columbia Gorge Community College, The Dalles, Oregon

- Item 1: Call to order, welcome and introductions (*Curt Howell, Chair*)
- Item 2: Appreciation and Recognition (*Dan Curry*)
- Item 3: Changes to the agenda (*Curt Howell; ref. page 1*)
- Item 4: Approval of the Minutes for the 2007 Cereal Advisory Committee (CAC) meeting (*Curt Howell; refer to e-mailed minutes of 2007 meeting*)
- Item 5: 2008 Certification Board activities concerning Cereals (*Carl Haugerud; ref. page 2*)
- Item 6: OSU Cereal Variety Advisory Committee (*Mike Flowers; ref. pages 3-6*)
- Item 7: Field marking for isolation and excluded areas (*Barry Schrumphf; ref. page 7*)
- Item 8: Field history requirement for Clearfield winter wheat (*Curt Howell; ref. page 8*)
- Item 9: On-line seedling applications – planning (*Rachel Hankins; ref. pages 10-20*)
- Item 10: Standards for Hybrid canola (*Randy Knight; ref. pages 22-27*)
- Item 11: Reports from:
Oregon Department of Agriculture (*Randy Black*)
Oregon Certified Weed Free Forage Program
California Cereal Leaf Beetle issues
Washington State Crop Improvement Association, Washington Foundation Seed Project (*Jerry Robinson, WSCIA*).
OSU Department of Crop and Soil Science (*Russ Karow; ref. pages 28-29*)
OSU Seed Lab (*Sabry Elias ref. pages 30-32*)
OSU Seed Certification (*Dennis Lundeen; ref OSCS Activity Summary, and John Zielinski; ref pages 33-35*)
- Item 12: Elections
CAC Vice-chair for 2007 (*Curt Howell; ref. page 36-37*).
- Item 13: Other Business (*Curt Howell*)
- Adjourn

ANNOUNCEMENT: Seed Certification, Foundation Seed and Plant Materials Board meeting: **Tuesday, February 10, 2009**, Agriculture Production Room, LaSells-Stewart Center, OSU Campus, Corvallis; lunch at noon, meeting at 1 pm. (your attendance is welcome; please let us know if you plan to attend so that the lunch can be planned accordingly).

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**MARKING FIELD BOUNDARIES, ISOLATION AND EXCLUDED AREAS FOR SMALL GRAIN CERTIFIED SEED
FIELD INSPECTIONS**

Oregon Seed Certification Service General Standards for Field Management and Inspection stipulate: "The certification unit is the entire field. When a portion of a field is to be certified, this portion must be properly identified by a fence, ditch, other crops, mowed strip, or adequate stakes. This boundary is to be approved by the inspector as to its adequacy and may be subject to re-inspection" (2008 Oregon Seed Certification Service Handbook, Section IV. E.1.e; page 6).

Marking a boundary within a field has been done effectively with wooden stakes and spray paint. Stakes need to extend above the crop canopy about two feet, and be of contrasting color with the mature crop color. The Handbook guideline for number of stakes is at least 4-5 stakes in 1,320 feet.

The presence of stakes is usually more readily recognizable in a field than patches of spray paint, and stakes are the preferred method where practicable. However, to avoid packing stakes and hammer in a very large field, spray paint can be effectively used with the following qualifications:

- If spray paint has been used instead of stakes to mark boundaries, this fact needs to be communicated by the grower to the inspector, preferably with notes and marks on field maps.
- In some circumstances, spray paint may only be used as supplemental to stakes. For example, when dividing down a single large field into multiple smaller fields stakes may be needed to find the ends of the internal field boundaries.
- Use a paint color that contrasts with the mature crop color; bright blue has been very good, dark green and black have been effective. (Red and orange have been avoided to prevent seed in the bin that appears like treated seed.)
- Paint 2-ft patches spaced at 20-35 paces to make a "dashed line"; shorten the distance between paint patches when necessary to ensure that each patch is visible from the patches immediately ahead and behind.
- At a change in direction of a boundary, spray the first patch at 10 feet along the new direction, thus showing the new direction of the boundary. Example: the sprayed boundary has paralleled the outside edge of a field, then diagonals across a corner to exclude the corner from the certified field.

From Handbook section IV.E.1.e, it is clear that the certified field boundary must be a physical marker in the field. In the case of circle-pivot irrigation fields, a tower wheel track may be designated as a field boundary; this needs to be noted on the field map and application, neither stakes nor spray paint would be needed to designate the wheel track.

When physical markers have not been used to designate the boundary of the certified field, then the field inspection will begin at the edge of the planted field.

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Motions recommended for approval by the Certification Board at its next annual meeting,

Tuesday, February 10, 2009

1. **Motion:** there were no motions to recommend to the Board.

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Certificate of Final Certification and Transfer of Seed Pending Final Certification Yearly Activity Summary

	2000			2001			2002			2003			2004		
	Cert.	Reg.	Total	Cert.	Reg.	Total	Cert.	Reg.	Total	Cert.	Reg.	Total*	CFC	Trans.	Total
Barley	0	0	0	1	2	3	0	7	7	38	6	44	56	1	57
Oats	1	0	1	0	4	4	0	9	9	2	3	5	3	0	3
Wheat	299	75	374	150	92	242	0	25	25	88	13	101	753	79	832
Grand Total	300	75	375	151	98	249	0	41	41	128	22	150	812	80	892

	2005 (Jan 1/05 through 12/31/05)			2006 (Jan 1/06 through 12/31/06)			2007 (Jan 1/07 through 12/31/07)			2008 (Jan 1/08 through 11/7/08)			2009		
	CFC	Trans.	eCerts** Total	CFC	Trans.	eCerts Total	CFC	Trans.	eCerts Total	CFC	Trans.	eCerts Total	CFC	Trans.	Total
Barley	40	0	26	66	0	118	118	0	170	170	0	38	38	0	0
Oats	1	0	1	2	0	2	2	0	0	0	3	0	3	0	0
Wheat	632	610	1141	2387	12	1781	1802	10	1404	1414	5	1950	1957	0	0
Grand Total	673	610	1167	2450	12	1900	1922	10	1574	1584	8	1988	1998	0	0

Each year represents certificates of final certification and transfers of seed pending final certification received during January 1 - December 31

*In 2003 there are 35 additional fields that were Transfer of Seed Pending Final Certification

**eCerts available on the web beginning 8/30/2005

Total Number of Clients that used E-Cert in 2005 = 3

Total Number of Clients that used E-Cert in 2006 = 5

Total Number of Clients that used E-Cert in 2007 = 4

Total Number of Clients that used E-Cert in 2008 = 2

Total Number of e-Certificates from 8/30/2005 through 11/07/2008 equals 6629

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The 2008 Small Grain season summary:

47 Seedling inspections total: 4,163 acres

46 Passed

1 Withdrawn

309 Crop inspections total: 17,914 acres

268 passed with no acreage reductions

11 passed with acreage reductions with a total of 96 acres

reasons: Field bindweed, Canada thistle, Cereal rye, field plowed out and planted to other crop, field cut for hay

15 fields passed on condition.

reasons: variety ownership declaration not provided, lack of variety description, or change in contractor

8 fields were withdrawn

reasons: requested by grower

531 - total acres withdrawn

18 fields were rejected

reasons: 5 – Jointed goatgrass

11 – Lack of sign up for reinspection

1 – Harvested before reinspection (with no communication)

1 – Field lodged and was unable to be adequately reinspected

Fields with specified contaminants:

*Prohibited weeds

68 Cheatgrass, Downy
brome

66 Prickly lettuce

60 **Canada thistle***

41 **Field bindweed***

36 Russian thistle

34 **Quackgrass***

32 Mustard

3 Bedstraw

30 Lambs-quarter

26 Kochia

25 Sowthistle

21 Wild oat

12 Pigweed

10 Tarweed

8 **Cereal rye**

7 Wild carrot

7 Barnyardgrass

7 Barbed witchgrass

5 **Jointed goatgrass***

5 Green foxtail

4 Brome

Cereal rye: Eight fields had one or more cereal rye found during the crop inspection.

Ergot: Twelve fields had Ergot found during the crop inspection.

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Summary of Small Grain Inspections 2001 – 2008

	Seedling		Crop
2001	12	2001	158
2002	24	2002	228
2003	45	2003	268
2004	60	2004	264
2005	62	2005	237
2006	66	2006	232
2007	43	2007	226
2008	47	2008	309

	No Ac Reductions		Ac Reductions
2001	111	2001	29
2002	160	2002	40
2003	196	2003	41
2004	195	2004	39
2005	200	2005	11
2006	221	2006	8
2007	201	2007	11
2008	268	2008	11

	Withdrawn		Rejected
2001	10	2001	8
2002	8	2002	21
2003	15	2003	16
2004	12	2004	18
2005	11	2005	15
2006	3	2006	10
2007	5	2007	4
2008	8	2008	18

	Total Acres		RSR
1995	11814	2001	16
1996	10304	2002	22
1997	10159	2003	19
1998	8803	2004	15
1999	9138	2005	16
2000	8524	2006	11
2001	8165	2007	8
2002	12589	2008	10
2003	14209		
2004	15106		
2005	14705		
2006	13742		
2007	14521		
2008	17914		