

## FIELD CROP SUMMARY

**ALL WHEAT:** In 2004, Washington's wheat growers harvested 70,000 fewer acres than in 2003, but with yields averaging 3.7 bushels per acre more than in 2003, production rose to 143.5 million bushels, 3 percent above 2003. Washington ranked fifth behind Kansas, North Dakota, Montana, and Oklahoma in total wheat production in 2004 and produced almost 7 percent of the Nation's all wheat supply. The price of the crop averaged \$3.68 per bushel, down \$.07 per bushel from the 2003 crop. Growers contributed \$524 million to the State's economy.

**WINTER WHEAT:** The average State yield for 2004 67.0 bushels per acre, up 2 bushels per acre from 2003. This resulted in production of 117.0 million bushels, a slight increase from last year. Winter wheat was seeded on 1.80 million acres and 1.75 million acres were harvested. Growers received an average \$3.58 per bushel for the 2004 crop. Gross value of production dipped to 3 percent to \$420 million, from \$433 in 2003. Washington ranked third behind Kansas and Oklahoma in value of the 2004 crop.

**SPRING WHEAT:** Spring wheat seeded for 2004 was 530,000 acres, 20,000 acres fewer than in 2003. Growers harvested 525,000 acres with an average yield of 50.0 bushels per acre for a production of 26.3 million bushels. With an average price of \$3.99 per bushel, the value added to the agricultural economy was \$105 million, an increase of 19 percent from 2003's value.

**BARLEY:** Barley planting for 2004 was 250,000 acres with 245,000 acres being harvested. Average yield was 70.0 bushels per acre which was 23.0 bushel increase from the previous year. Production was 17.2 million bushels, ranking Washington fourth in the Nation behind North Dakota, Idaho, and Montana. Growers received an average \$2.02 per bushel, \$.64 per bushel less than in 2003, for an average value of \$34.6 million.

**OATS:** Oat planted acreage, at 20,000 acres in 2004, was a decrease of 15,000 acres from 2003. The 7,000 acres harvested for grain was 8,000 acres fewer than in 2003 and total production was 616,000 bushels. With an average price in 2004 of \$1.50 per bushel, this gave a value of production of \$924,000 to the agricultural economy.

**CORN:** Corn for grain production in 2004 increased 54 percent from 2003 to 21.0 million bushels. The average yield in 2004 was 200 bushels per acre. This was over 40 bushels per acre above the U. S. average and the highest in the Nation. Harvested acreage was 105,000 acres, 35,000 acres more than in 2003. At \$2.90 per bushel, the value of production totaled \$60.9 million. **Corn for silage** in Washington during 2004

averaged 26.0 tons per acre, 1 ton above 2003 but almost 9 tons above the U. S. average. Acres harvested reached 65,000 acres, 5,000 more than 2003. Total production for 2004 was 1.69 million tons.

**DRY EDIBLE BEANS:** The average yield for dry edible beans, at 2,100 pounds per acre, was 190 pounds above 2003's yield. Harvested area in 2004 was 29,000 acres and production was 609,000 cwt., with a value of \$14.6 million.

**POTATOES:** Washington potato growers decreased their potato acreage 3,000 acres to 160,000 acres. Yield per harvested acre rose slightly to 590 cwt. per acre resulting in a total production of 93.8 million cwt. The price fell to \$4.90 per cwt. from \$5.25 last season for a total value of \$459 million.

**HOPS:** Washington continues as the number one producer of hops with 41.4 million pounds during 2004, or 75 percent of the U. S. supply. Acreage for harvest in Washington was down 110 acres from 2003 to 19,382 acres. Yield averaged 2,137 pounds per acre compared with 2,050 pounds in 2003. The season average price per pound was \$1.85 resulting in a total value of production of \$76.6 million.

**HAY:** Washington hay growers added \$377 million to the agricultural economy. Acreage harvested was 790,000 for 2004, 20,000 fewer than in 2003. With yields averaging .16 tons lower than 2003, production reached 3.39 million tons.

**DRY EDIBLE PEAS/LENTILS:** Washington's dry edible pea production was 2.09 million cwt., 70 percent above 2003 and 19 percent of the U. S. total. Harvested acreage totaled 87,000 acres, 5,000 acres more than the previous year while yields averaged 2,400 pounds, 900 pounds more than in 2003. The 2004 crop was worth an average \$7.00 per cwt. and totaled \$14.6 million. Lentil production, at 1,116,000 cwt., rose 206,000 cwt. from the 2003 crop. Harvested acres rose to 93,000 acres from 91,000 acres in 2003. An average price per hundredweight of \$16.10, \$2.10 below 2003, resulted in a value of the 2004 crop of \$18 million, an 8 percent increase from a year earlier.

**GRASS SEEDS:** **Alfalfa seed** harvested acreage, at 12,500 acres in 2004, was unchanged from 2003. Yields averaged 860 pounds per acre, 40 pounds more than in 2003. Growers received an average \$110.00 per cwt. and added \$11.8 million to the agricultural economy. In 2004, **Kentucky Bluegrass** growers harvested 47,000 acres, 5,000 acres more than the previous year. The average yield was 740 pounds per acre, resulting in a total production of 350,000 cwt. An average \$80.00 per cwt. was received.

**MINT:** Washington continues to be the largest producer of **spearmint**, accounting for 74 percent of the National output with 1.29 million pounds. Spearmint was harvested from 8,800 acres with an average yield of 146 pounds, 30 pounds above than the National average. The average price received by farmers reached \$9.40 per pound, \$.10 above the previous crop. **Peppermint oil** production in Washington again passed the 100 pounds per acre with 120 pounds in 2004. This was 28 pounds per acre above the National average and 30 pounds per acre above Oregon's yield. The 2004 production accounted for 40 percent of the U. S. supply and was harvested from 24,000 acres. Growers received an average \$11.40 per pound.

**SUGARBEETS:** Sugarbeet production in Washington fell in 2004 to 144,000 tons from 161,000 tons the previous year. Yields were below 2003.

#### **2005 Winter Wheat and Barley Up 2005 Spring Wheat and Barley Acreage Drops**

**WINTER WHEAT:** Total acres planted to winter wheat for harvest in 2005 was 1.90 million acres, up 100,000 acres from 2004. **Common white** winter wheat, the most popular class, accounted for 89 percent of the winter wheat acreage. Eltan continued as the most popular variety of common white, with 31 percent of the State's total common white. In second place was Madsen at 234,000 planted acres, or 14 percent of the total common white acreage. The most popular mix, also ranking third, was Madsen-Rod. Tubbs jumped from 30,500 planted acres in 2004 to over 113,200 planted in 2005. Also showing sharp gains were Eltan-Madsen and Rod-Tubbs. **White Club**, the second most popular class of winter wheat, accounted for 6 percent of the State's total winter wheat. Bruehl continued the most popular variety of white club with 47 percent of the total acreage for this class. Chuckar continued in second place with 19 percent of the total. Finley continued as the most

popular variety of hard red spring wheat planted in 2005, with 44,300 acres, second was Buchanan with 19,400 acres and in third place was Declo with 17,200 acres.

**SPRING WHEAT:** The 2005 spring wheat planted acreage, at 440,000 acres, was 90,000 acres less than the acreage planted in 2004. The most popular class of spring wheat in Washington State was **common white**, accounting for 56 percent of the spring wheat total acres compared with 53 percent last year and 58 percent in 2003. Alpowa, the most popular variety, amounted to 74 percent of the total common white acreage in both 2004 and 2005. Nick replaced Wakanz in second place with 8 percent of the total common white acreage. Wakanz, Zak and Alpowa-Nick rounded out the list of the top five. **Hard red spring** wheat accounted for 38 percent of the total spring wheat planted acres. Westbred 926 was the hard red variety leader with 15 percent of the total hard red planted acres.

**BARLEY:** Barley acres planted for the 2005 crop year totaled 210,000 acres, 40,000 fewer than in the 2004 crop year. Virtually all the barley is raised on the east side with Baronesse as the leading feed barley and AC Metcalfe as the leading malting variety.

**FEED BARLEY:** Feed barley accounted for 88 percent of the barley planted in 2005, this was a 16 percentage point decrease from the 2004 crop. Baronesse continued to be the leading variety followed by Bob, Camelot, Gallatin and Hoody. Baronesse represented 81 percent of all feed barley acreage and 72 percent of all barley planted acreage. Radiant reported 3,100 acres in 2005.

**MALTING BARLEY:** In 2005, malting barley declined to 12 percent of the total planted acreage, 2 percentage points below 2004. The top three varieties were AC Metcalfe with 58 percent and Harrington with 20 percent.

## Field Crop Summary: Acreage, Yield, Production & Value, Washington, 2003-2004

Crop	Prod Unit	2003				2004			
		Harvested	Yield Per Acre	Production		Harvested	Yield Per Acre	Production	
				Total	Value			Total	Value
		<i>1,000 Acres</i>		<i>1,000 Units</i>	<i>1,000 Dol</i>	<i>1,000 Acres</i>		<i>1,000 Units</i>	<i>1,000 Dol</i>
Wheat, All	Bu	2,345	59.4	139,345	521,163	2,275	63.1	143,500	524,493
Wheat, Winter	Bu	1,800	65.0	117,000	432,900	1,750	67.0	117,250	419,755
Wheat, Spring	Bu	545	41.0	22,345	88,263	525	50.0	26,250	104,738
Barley	Bu	310	47.0	14,570	38,756	245	70.0	17,150	34,643
Oats	Bu	15	50.0	750	1,223	7	88.0	616	924
Corn Grain	Bu	70	195.0	13,650	40,950	105	200.0	21,000	60,900
Corn Silage	Tons	60	25.0	1,500	45,750	65	26.0	1,690	51,545
Dry Beans <sup>1</sup>	Cwt	28	19.1	525	11,025	29	21.0	609	14,616
Dry Peas <sup>2</sup>	Cwt	82	15.0	1,230	10,824	87	24.0	2,088	14,616
Lentils	Cwt	91	10.0	910	16,562	93	12.0	1,116	17,968
Potatoes	Cwt	162	575	93,150	489,038	159	590.0	93,810	459,669
Hops	Lbs	19	2,050	39,951	71,513	19	2,137.0	41,427	76,640
Sugarbeets <sup>3</sup>	Tons	4	40.3	161	5,780	4	37.9	144	5,170
Hay, All <sup>4 5</sup>	Tons	810	4.45	3,603	336,881	790	4.29	3,392	376,512
Hay, Alfalfa <sup>4</sup>	Tons	510	5.3	2,703	233,810	480	5.0	2,400	261,600
Hay, Other <sup>4</sup>	Tons	300	3.0	900	109,800	310	3.2	992	118,048
Peppermint	Lbs	25	103	2,524	29,278	24	120.0	2,880	32,832
Spearmint	Lbs	9	146	1,343	12,490	9	146.0	1,285	12,079
Haylage <sup>6</sup>	Tons	64	10.55	675	20,250	85	8.47	720	21,600
Grass Seeds	Cwt	71	698	492	40,785	74	785.0	577	48,770
Other Crops <sup>7</sup>	---	113	-	-	38,000	117	-	-	46,000
<b>State Total</b>	---	<b>4,298.8</b>	-	-	<b>1,730,268</b>	<b>4,346.2</b>	-	-	<b>1,798,977</b>

- Data not available.

<sup>1</sup> Excludes beans grown for garden seed.

<sup>2</sup> Excludes both wrinkled seed peas and Austrian winter peas.

<sup>3</sup> Relates to year of intended harvest except for over wintered spring planted beets in California.

<sup>4</sup> Baled hay.

<sup>5</sup> Estimated marketing of alfalfa and other hay used as weights to calculate all hay price.

<sup>6</sup> 2000 is the first year haylage was published separately. Grass silage is included. Initial estimate set for 2000 crop.

<sup>7</sup> Other Crops includes canola, mustard, safflowers, sunflowers, flaxseeds, and other oilseeds, vegetable seeds, wrinkled seed peas, Austrian winter peas, triticale and other minor crops.