

Northern Colorado Onion Variety Trials

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Harvest Report 2008

Yields are average tons per acre Harvest Date: September 17, 2003

Seed Companies	Cultivars	Grower	Color	Harvest Yield	Percent of Harvest Yield					Market Yield
					Over 4"	3" to 4"	2 1/4" to 3"	Under 2 1/4"	Defects	
<u>AMERICAN TAKII</u>										
Sakata Farms										
	Centerstone		Y	17	0	23	68	3	6	16
	Milestone		Y	14	0	3	88	6	4	12
	Ruby Ring		R	9	0	0	85	12	3	8
	T-433		Y	25	2	64	29	1	4	24
Winter Farms										
	Centerstone		Y	21	0	57	41	2	0	20
	Milestone		Y	21	0	22	75	3	0	20
	Ruby Ring		R	16	0	5	84	11	0	15
	T-433		Y	30	2	56	40	1	0	29
<u>BEJO SEEDS INC</u>										
Sakata Farms										
	Calibra		Y	20	0	35	58	1	6	19
	Crockett		Y	18	0	10	83	2	5	17
	Delgado		Y	21	0	21	76	1	2	20
	Desperado		Y	19	0	32	64	2	2	18
	Gunnison		Y	16	0	20	72	5	3	15
	Legend		Y	17	0	9	77	8	6	14
	Talon		Y	13	0	8	84	6	2	12
Winter Farms										
	Calibra		Y	28	1	50	45	3	2	27
	Crockett		Y	24	0	23	72	3	2	23
	Delgado		Y	27	0	32	62	1	5	26
	Desperado		Y	24	2	65	32	1	0	24
	Gunnison		Y	22	0	11	85	4	0	21
	Legend		Y	28	0	40	58	0	2	27
	Talon		Y	24	0	27	72	1	0	24

Critical Value for Comparison

Harvest Yield
 Sakata - 5.8
 Winter - 3.0

Statistical comparisons can only be made by farm location

Critical Value for Comparison

Market Yield
 Sakata - 5.6
 Winter - 3.3

Seed Companies Cultivars	Grower	Color	Harvest Yield	Percent of Harvest Yield					Market Yield
				Over 4"	3" to 4"	2¼" to 3"	Under 2¼"	Defects	
<u>CROOKHAM COMPANY</u>									
Sakata Farms									
OLYS03-207		Y	26	0	57	42	1	0	26
OLYS03-209		Y	27	0	58	40	1	1	27
OLYS05N5		Y	22	0	35	61	2	2	21
OLYX06-25		Y	15	0	16	69	9	5	13
White Cloud		W	27	5	58	32	1	4	25
Winter Farms									
OLYS03-207		Y	27	0	41	51	2	6	25
OLYS03-209		Y	31	1	50	44	2	2	30
OLYS05N5		Y	27	0	49	45	5	1	25
OLYX06-25		Y	26	0	37	55	8	0	24
White Cloud		W	34	1	54	44	1	0	34
<u>D. PALMER SEED CO., INC.</u>									
Sakata Farms									
Evolution		Y	21	0	35	60	2	3	20
Generation X		Y	16	0	22	71	3	3	15
Mesquite		Y	20	1	43	47	2	7	18
Tequila		Y	22	2	48	46	3	2	21
Winter Farms									
Evolution		Y	27	2	58	33	4	3	25
Generation X		Y	23	1	61	32	3	2	22
Mesquite		Y	26	7	42	38	4	8	23
Tequila		Y	27	6	47	28	4	14	22
<u>NUNHEMS USA, INC.</u>									
Sakata Farms									
Acero		Y	22	0	41	57	1	1	22
Granero		Y	22	0	35	63	2	0	22
Joaquin		Y	23	1	48	49	2	1	23
Montero		Y	19	0	19	76	3	3	18
Pulsar		Y	15	0	3	94	3	0	14
Ranchero		Y	25	0	59	38	1	3	24
Salsa		R	13	0	5	87	4	4	12
Vaquero		Y	23	1	55	41	2	1	22
Winter Farms									
Acero		Y	29	0	37	60	3	0	28
Granero		Y	29	0	39	56	6	0	28
Joaquin		Y	28	3	43	49	2	3	27
Montero		Y	29	1	41	56	1	0	28
Pulsar		Y	24	0	18	76	5	1	23
Ranchero		Y	32	4	55	36	2	3	31
Salsa		R	25	0	44	52	4	1	24
Vaquero		Y	31	2	54	42	1	1	30

Critical Value for Comparison

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Sakata - 5.8
Winter - 3.0

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Critical Value for Comparison

Market Yield
Sakata - 5.6
Winter - 3.3

Seed Companies Cultivars	Grower	Color	Harvest Yield	Percent of Harvest Yield					Market Yield
				Over 4"	3" to 4"	2¼" to 3"	Under 2¼"	Defects	
<u>SAKATA SEED AMERICA</u>									
Sakata Farms									
Ovation		Y	20	0	51	40	4	5	18
Spanish Medallion		Y	25	9	64	23	1	4	24
XON 670W		W	18	1	42	51	3	2	17
XON-550Y		Y	23	2	53	40	4	1	21
Winter Farms									
Ovation		Y	27	10	59	28	2	0	26
Spanish Medallion		Y	35	9	61	27	2	1	34
XON 670W		W	24	13	62	16	7	2	22
XON-550Y		Y	25	8	38	42	7	5	22
<u>SEMINIS</u>									
Sakata Farms									
Abilene		Y	19	0	8	87	4	1	18
Charismatic		Y	26	0	67	31	1	2	26
Marquette		Y	16	0	5	91	3	1	15
Monarchos		Y	24	0	43	55	0	2	23
Winter Farms									
Abilene		Y	29	0	32	64	5	0	28
Charismatic		Y	27	0	61	37	1	0	27
Marquette		Y	24	0	22	74	3	0	23
Monarchos		Y	34	3	58	37	1	1	33
Averages for all cultivars			23	1	38	55	3	2	22

Critical Value for Comparison

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Critical Value for Comparison

Market Yield
Sakata - 5.6
Winter - 3.3