

Northern Colorado Onion Variety Trials

Cooperative Extension in Adams County
 9755 Henderson Road, Brighton, CO. 80601-8114
 TEL:(303) 637-8100, EMAIL: adams@coop.ext.colostate.edu, FAX (303) 637-8125

Friday, January 30, 2009



Storage Report 2008

Yields are average tons per acre

Seed Company	Grower	Cultivars	Color	Red Onion Quality	Harvest Market Yield	Percent Storage Loss	Firmness	Scale Retention	Final Market Yield After Storage
<u>AMERICAN TAKII</u>									
Sakata Farms									
		Centerstone	Y		16	24	3.1	2.8	12
		Milestone	Y		12	10	2.9	2.0	11
		Ruby Ring	R	3.5	8	30	2.1	2.4	6
		T-433	Y		24	25	3.0	1.8	18
Winter Farms									
		Centerstone	Y		20	0	3.8	3.8	20
		Milestone	Y		20	0	4.1	4.1	20
		Ruby Ring	R	3.3	15	3	3.5	3.5	14
		T-433	Y		29	0	4.4	4.1	29
<u>BEJO SEEDS INC</u>									
Sakata Farms									
		Calibra	Y		19	12	3.9	3.4	17
		Crockett	Y		17	8	4.0	4.0	16
		Delgado	Y		20	13	3.9	3.1	18
		Desperado	Y		18	17	3.4	2.6	15
		Gunnison	Y		15	9	3.8	3.4	13
		Legend	Y		14	16	4.3	4.1	12
		Talon	Y		12	25	3.4	3.1	9
Winter Farms									
		Calibra	Y		27	4	4.3	4.3	26
		Crockett	Y		23	5	4.3	4.4	22
		Delgado	Y		26	2	4.4	4.6	25
		Desperado	Y		24	0	3.9	3.9	24
		Gunnison	Y		21	1	4.6	4.4	21
		Legend	Y		27	0	4.9	4.9	27
		Talon	Y		24	0	4.4	4.4	24

Sakata Critical Value for: Firmness 0.7544; Scale Retention 0.7927; Final Yield 5.4461

Winters Critical Value for: Firmness 0.6942; Scale Retention 0.6985; Final Yield 3.41

Seed Company	Grower	Red Onion	Harvest	Percent	Firmness	Scale	Final
	Cultivars	Color	Quality	Storage		Retention	Market Yield
			Market Yield	Loss			After Storage
<u>CROOKHAM COMPANY</u>							
Sakata Farms							
	OLYS03-207	Y	26	27	3.0	3.1	19
	OLYS03-209	Y	27	0	2.8	2.6	26
	OLYS05N5	Y	21	15	2.8	2.3	18
	OLYX06-25	Y	13	9	3.5	2.5	12
	White Cloud	W	25	42	2.3	2.0	15
Winter Farms							
	OLYS03-207	Y	25	4	3.6	4.4	24
	OLYS03-209	Y	30	2	3.3	3.8	29
	OLYS05N5	Y	25	3	3.5	3.9	24
	OLYX06-25	Y	24	2	4.4	4.3	23
	White Cloud	W	34	1	3.0	2.9	34
<u>D. PALMER SEED CO., INC.</u>							
Sakata Farms							
	Evolution	Y	20	9	3.6	3.6	18
	Generation X	Y	15	32	3.3	3.0	10
	Mesquite	Y	18	29	2.3	2.4	13
	Tequila	Y	21	18	2.6	2.3	18
Winter Farms							
	Evolution	Y	25	2	3.8	4.0	24
	Generation X	Y	22	4	3.5	3.9	21
	Mesquite	Y	23	6	3.1	3.3	21
	Tequila	Y	22	6	3.4	3.6	21
<u>NUNHEMS USA, INC.</u>							
Sakata Farms							
	Acero	Y	22	36	3.3	3.3	14
	Granero	Y	22	5	3.6	2.9	21
	Joaquin	Y	23	11	3.9	3.6	20
	Montero	Y	18	9	2.8	2.3	16
	Pulsar	Y	14	2	3.9	2.5	14
	Ranchero	Y	24	6	3.0	2.6	23
	Salsa	R	3.1	12	2.5	2.6	11
	Vaquero	Y	22	4	3.5	2.0	22
Winter Farms							
	Acero	Y	28	0	3.5	3.8	28
	Granero	Y	28	2	4.5	4.5	27
	Joaquin	Y	27	2	4.3	4.0	26
	Montero	Y	28	1	3.6	3.5	28
	Pulsar	Y	23	0	4.5	4.4	23
	Ranchero	Y	31	4	3.3	3.4	29
	Salsa	R	2.5	24	3.1	3.0	23
	Vaquero	Y	30	1	3.6	3.8	30

Sakata Critical Value for: Firmness 0.7544; Scale Retention 0.7927; Final Yield 5.4461

Winters Critical Value for: Firmness 0.6942; Scale Retention 0.6985; Final Yield 3.41

Seed Company	Grower	Red Onion	Harvest	Percent	Firmness	Scale	Final
	Cultivars	Color	Quality	Storage		Retention	Market Yield
			Market Yield	Loss			After Storage
<u>SAKATA SEED AMERICA</u>							
	Sakata Farms						
	Ovation	Y	18	46	1.9	1.5	10
	Spanish Medallion	Y	24	34	2.0	1.4	16
	XON 670W	W	17	23	2.9	2.9	13
	XON-550Y	Y	21	10	2.8	2.3	19
	Winter Farms						
	Ovation	Y	26	6	3.0	2.4	25
	Spanish Medallion	Y	34	2	3.0	2.3	33
	XON 670W	W	22	10	3.5	3.3	19
	XON-550Y	Y	22	3	3.0	3.1	21
<u>SEMINIS</u>							
	Sakata Farms						
	Abilene	Y	18	11	4.0	3.0	16
	Charismatic	Y	26	5	3.0	2.8	24
	Marquette	Y	15	3	4.1	3.5	15
	Monarchos	Y	23	3	3.0	3.1	22
	Winter Farms						
	Abilene	Y	28	0	4.0	3.9	28
	Charismatic	Y	27	1	3.5	3.8	27
	Marquette	Y	23	0	4.9	4.4	23
	Monarchos	Y	33	2	3.4	3.0	33
Average Final Market Yield After Storage:							20

Sakata Critical Value for: Firmness 0.7544; Scale Retention 0.7927; Final Yield 5.4461
Winters Critical Value for: Firmness 0.6942; Scale Retention 0.6985; Final Yield 3.41