

2004 COLUMBIA BASIN ONION DEMONSTRATION

<u>SEED COMPANY</u>	<u>CULTIVAR</u>	<u>PLOT NUMBER</u>	<u>MATURITY¹</u>	<u>% IYSV INCIDENCE²</u>	<u>POWDERY MILDEW³</u>
American Takii	Milestone (T-441)	1	0, 3, 3, 40	88	-
	T-433	2	0, 0, 2, 5	66	+
	T-439	3	0, 2, 3, 8	79	-
	T-817	4	0, 3, 22, 78	95	+
	9003 G	5	0, 0, 5, 27	74	+
Bejo Seeds	Copra	6	0, 0, 5, 23	94	-
	Daytona	7	0, 0, 0, 5	87	-
	Gunnison	8	0, 5, 40, 93	76	+
	Redwing ●	9	0, 0, 3, 7	90	+
	Tamara	10	0, 5, 57, 92	89	-
	BGS 194	11	0, 7, 60, 97	94	+
	BGS 196	12	0, 0, 5, 40	69	+
	BGS 199	13	0, 8, 57, 93	76	+
Crookham Co.	Genesis	14	0, 15, 68, 97	93	-
	Harmony	15	2, 10, 33, 75	83	+
	OLYH 02N2	16	0, 2, 18, 70	91	-
Global Genetics	Varsity	17	0, 7, 62, 72	89	-
	SWO 4001	18	0, 8, 62, 92	94	-
	SWO 6001	19	0, 0, 2, 7	86	-
	SWO 6011	20	0, 0, 3, 27	79	+
Nippon Norin	Tenshin	21	0, 0, 3, 10	81	-
	RE-E	22	0, 0, 0, 5	77	-
	W10	23	0, 0, 5, 52	82	-
	W20	24	0, 0, 7, 33	80	+

SEED COMPANY	CULTIVAR	PLOT NUMBER	MATURITY¹	% IYSV INCIDENCE²	POWDERY MILDEW³
Seminis Vegetable Seed	Golden Spike	25	47, 68, 95, 97	70	+
	Pinnacle	26	0, 5, 25, 63	87	-
	Red Zeppelin ●	27	0, 20, 57, 88	90	+
	Seahawk	28	0, 0, 2, 8	77	+
	Tioga	29	2, 7, 25, 87	58	+
	EX 15122	30	0, 2, 13, 38	97	+
	PX 2599	31	0, 2, 12, 50	73	-
	PX 5299	32	0, 3, 17, 58	64	-
	SVR 5646 ▲	33	0, 8, 50, 90	82	-
	SVR 5819	34	0, 5, 18, 42	78	+
	SVR 7004	35	2, 32, 85, 98	73	+
	SVR 7106 ▲	36	0, 7, 25, 70	89	-
	Nunhems (Sunseeds)	Bandolero	37	0, 0, 7, 67	97
Flamenco ●		38	0, 3, 33, 90	91	+
Granero		39	0, 0, 8, 42	82	+
Ranchero		40	3, 8, 28, 67	86	-
Sabroso		41	0, 0, 3, 33	93	-
Salsa ●		42	0, 0, 2, 12	90	+
Tesoro		43	0, 0, 7, 37	78	+
Vaquero		44	0, 7, 27, 70	93	+
SX 7002		45	3, 28, 73, 95	84	+
SX 7004		46	0, 0, 3, 23	95	+

1. Maturity expressed as a visual estimate of percentage of "tops down", with the first number recorded on August 6, the second on August 12, the third on August 19, and the fourth on August 25, averaged over the three replications.
2. Percentage of plants within the center five feet of each bed, which expressed iris yellow spot virus symptoms, averaged over three replications. This data does not represent the severity of disease incidence which will be available at a lower date.
3. Cultivars or lines in which powdery mildew symptoms were noted in one or more replications (+ = presence, - = absence). This data does not represent severity of disease incidence.

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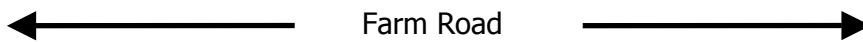
●=red onion
 ▲=white onion
 ■=bolted

WASHINGTON STATE UNIVERSITY EXTENSION 2004 COLUMBIA BASIN ONION DEMONSTRATION

Rep III	11	36	12	46	43	25						
	27	24	45	20	1	37	30	23	26	21	31	2
	9	6	19	39	32	15	35	7	38	13	3	8
	28	42	16	17	18	44	5	40	14	33	4	41
Rep II	36	26	12	43	24	45	8	16	29	34	10	22
	27	14	40	4	28	42	20	37	5	44	23	34
	32	39	30	10	3	33	9	22	15	25	21	1
	18	38	13	46	19	29	31	41	7	2	35	6
Rep I	44	22	3	33	7	41	18	13	38	21	17	11
	5	29	26	43	12	30	36	20	37	8	1	17
	4	27	11	46	35	6	32	39	23	25	10	2
	31	16	9	40	14	34	19	42	28	45	24	15



Road S NW



Planting Date: March 30, 2004

Plot Size: 34" (2 double rows) x 30'

Plot Location: Block 73, Unit 240

Irrigation Method: Furrow

Surrounding Cultivar: Tamara

Cooperator: Wayne Ker Farm, Quincy, WA