

Tab-S2-1 – DED prevalence, wilt symptoms and mortality of diseased trees per clone

Clones	No. of tests	No. of trees	No. of diseased trees	No. of dead trees	Mean wilt %	Maxim. wilt %	Minim. wilt %	Wilt stand. dev. %	DED prevalence %	Mortal. of diseased trees %
F028	4	31	4	2	51	80	5	36	13	50
F032mg	12	89	38	12	26	95	5	24	43	32
F034	5	31	9	0	45	95	5	37	29	0
F035	2	14	2	0	8	10	5	4	14	0
F040	1	7	7	7	58	90	25	22	100	100
F041gm	3	20	7	2	63	100	10	32	35	29
F043	1	8	0	0	-	-	-	-	0	-
F044	2	14	0	0	-	-	-	-	0	-
F050	2	18	3	0	25	35	10	13	17	0
F052	2	10	3	0	15	25	5	10	30	0
F054	1	6	1	0	20	20	20	-	17	0
F055	1	9	3	2	40	90	15	43	33	67
F056	2	16	9	1	45	90	5	35	56	11
F060	1	8	7	2	43	95	5	34	88	29
F071gm	1	7	6	0	51	85	2	31	86	0
F072	3	23	3	1	42	70	15	28	13	33
F077	3	19	4	0	34	70	20	24	21	0
F083	8	62	14	3	44	95	5	29	23	21
F085	1	9	3	1	73	95	50	32	33	33
F115	5	23	4	0	50	75	10	28	17	0
F124mg	2	14	9	1	15	50	5	14	64	11
F133	2	10	4	0	25	45	5	20	40	0
F136	1	5	3	1	33	50	15	18	60	33
F140	3	31	20	1	40	95	5	31	65	5
F144	5	27	5	0	21	45	5	15	19	0
F147	3	15	6	1	43	95	5	36	40	17
F178	1	6	6	2	45	80	5	28	100	33
F203	2	14	6	0	49	80	10	29	43	0
F205	2	11	3	0	25	35	15	10	27	0
F250	3	27	13	7	41	99	5	34	48	54
F350	5	29	13	2	41	90	5	32	45	15
F351	3	21	5	0	13	30	5	12	24	0
F352*	2	14	2	0	13	20	5	11	14	0
F355	3	14	2	0	10	15	5	7	14	0
F393	1	5	3	0	37	65	20	25	60	0
F471	1	8	0	0	-	-	-	-	0	-
		710	232	48	37.1	100	2	29.3	32.7	20.7

Tab. S2-2 – Infection year wilt and mortality over at least three subsequent years

Clones	No. of diseased trees	Wilt mean %	Wilt min. %.	Wilt max. %	No. of dead year N	No. of dead trees in year N+1	No. of dead trees in year N+2	No. of dead trees in year N>2	No. of dead trees in total	Mortality % of diseased trees
F028	3	66	40	80	0	1	0	1	2	67
F032mg	27	28	5	95	0	2	2	8	12	44
F034	9	45	5	95	0	0	0	0	0	0
F040	7	58	25	90	0	1	2	4	7	100
F041gm	4	57	10	100	1	1	0	0	2	50
F050	3	25	10	35	0	0	0	0	0	0
F055	3	40	15	90	0	0	0	2	2	67
F056	5	73	60	90	0	1	0	0	1	20
F060	7	43	5	95	0	0	0	2	2	29
F071gm	4	56	40	85	0	0	0	0	0	0
F083	10	46	5	95	0	2	1	0	3	30
F124mg	6	15	5	50	0	0	1	0	1	17
F140	15	48	5	95	0	0	0	1	1	7
F178	3	53	20	80	0	1	0	1	2	67
F203	3	40	10	55	0	0	0	0	0	0
F250	8	47	10	99	1	2	0	4	7	87
F350	5	50	20	80	0	0	0	2	2	40
Total	122				2	11	6	25	44	
Average %					4.5	25.0	13.6	56.8		36.1

NB : this table focuses on the 122 trees (17 clones) infected at least three years before last measurement; N= infection year

Tab-S2-3 – Recurrence of wilt in the three years following infection year

Clones	No. of diseased trees	No. of wilting trees in year N+1	No. of wilting trees in year N+2	No. of wilting trees in year N+3	Wilting frequency % in year N+1	Wilting frequency % in year N+2	Wilting frequency % in year N+3
F028	3	2	2	2	67	67	67
F032mg	27	17	18	19	63	67	70
F034	9	2	2	3	22	22	33
F040	7	7	7	7	100	100	100
F041gm	4	4	4	4	100	100	100
F050	3	0	0	0	0	0	0
F055	3	3	3	3	100	100	100
F056	5	2	3	3	40	60	60
F060	7	3	3	3	43	43	43
F071gm	4	0	1	2	0	25	50
F083	10	5	6	6	50	60	60
F124mg	6	4	4	4	67	67	67
F140	15	9	10	10	60	67	67
F178	3	3	3	3	100	100	100
F203	3	0	0	0	0	0	0
F250	8	7	7	7	87	87	87
F350	5	2	2	2	40	40	40
All clones	122	70	75	78	57.4	61.5	63.9

NB : this table focuses on the 122 trees (17 clones) infected at least three years before last measurement; ; N= infection year

Tab. S2-4 –Mean heights in cm four years after planting of future symptomatic / unsymptomatic trees (test #31)

	No of trees	Mean height of all trees	No of future diseased trees	Mean height of future diseased trees	No of future still healthy trees	Mean height of future still healthy trees	Mean height of fut. diseas. / mean height of still healthy trees	DED preval.
F032	10	383	5	397	5	369	108%	50%
F034	7	311	5	318	2	295	108%	71%
F140	10	309	5	338	5	280	121%	50%
F050	9	298	3	287	6	304	94%	33%
F041gm	8	269	4	268	4	270	99%	50%
F352*	8	256	1	240	7	258	93%	13%
F024	9	248	3	288	6	228	127%	33%
F083	9	243	1	290	8	238	122%	11%
F028	8	243			8	243		0%
F124mg	7	242	3	217	4	261	83%	43%
F056	9	237	8	239	1	225	106%	89%
F035	8	217	2	235	6	211	111%	25%
F350	7	209	4	190	3	235	81%	57%
F144	7	209	1	200	6	210	95%	14%
F077	7	206			7	206		0%
F072	5	199			5	199		0%
F020	9	188	2	283	7	161	175%	22%
F355	6	183			6	183		0%
F203	8	174	6	184	2	145	127%	75%
F044	6	171			6	171		0%
Total	157		53		104			
Mean		245		269		233	115%	34%

NB: this table focuses on the 20 clones with at least 5 trees in plot-test #31; the mean height of the future diseased trees was 15% higher than the mean height of the trees which remained un-symptomatic