Tedesco Modified Table 4: Total Initial Planting Costs for Each Planting Method

Planting Style/ # Planted	# Surviving/ % Survival	Material Cost	Labor Cost	Total Cost	Cost per Tree Planted	Cost per Surviving Tree
Containerized Stock, N = 420	256/61%	$5,442.75	$3,310.89	$8,753.64	$20.84	$34.19
Bare-root Random, N = 480	206/43%	$2,198.35	$2,343.76	$4,542.11	$9.46	$22.05
Bare-root, Weed-inhibitor, N = 432	199/46%	$3,459.56	$3,160.54	$6,620.10	$15.32	$33.27

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		Fall 2001	**Spring 2002**	**Fall 2002**	**Spring 2003**	**Spring 2004**
Containerized Stock (N = 420)	# Alive	383	342	312	310	256
	Survival Rate	**92%**	**82%**	**74%**	**74%**	**61%**
Bare Root – Random (N = 480)	# Alive	382	345	280	283	206
	Survival Rate	**80%**	**72%**	**58%**	**59%**	**43%**
Bare Root – Weed Inhibitor (N = 432)	# Alive	335	291	249	232	199
	Survival Rate	**76%**	**67%**	**57%**	**54%**	**46%**

Data from U. Illinois Talk – Chicago – Differs from SPEA Issue Brief – Which is correct?

- Containerized Stock (Areas 1 and 7) Planted 420
- Fall 2001 – 383 growing, 92% survival
- Fall 2002 – 316 growing, 75.2% survival
- Fall 2003 – 249 growing, 59.3% survival
- Bare Root Random (Areas 2 and 8) Planted 480
- Fall 2001 – 382 growing, 80% survival
- Fall 2002 – 282 growing, 58.8% survival
- Fall 2003 – 197 growing, 41.0% survival
- Bare Root Weed Inhibitor (Areas 4 and 6) Planted 432

- Fall 2001 – 335 growing, 76% survival
- Fall 2002 – 246 growing, 56.9% survival
- Fall 2003 – 184 growing, 42.6% survival

Table 4: Total Initial Planting Costs for Each Planting Method

Planting Style	Material Cost	Labor Cost	Total Cost	Total Cost w/o Volunteer Planting Costs
Containerized Stock, N = (420)	$5,442.75	$14,459.37	$19,902.12	$8,753.64
Bare-root Random, N = (480)	$2,198.35	$3,482.66	$5,681.01	$4,542.11
Bare-root, Weed-inhibitor, N = (432)	$3,459.56	$4,746.87	$8,206.43	$6,620.10

Table 5: Costs per Planted Trees and Surviving Trees for Each Planting Style vs. Survivability

Planting Style	Cost/planted tree, w/ volunteer hours	Cost/planted tree, w/o including volunteer hours	Cost/surviving tree, w/ volunteer hours	Cost/surviving tree w/o volunteer hours	Survival Rates as of Spring 2004
Containerized Stock, N = (420)	$47.39	$20.84	$77.74	$34.19	61%
Bare-root Random, N = (480)	$11.84	$9.46	$27.58	$22.05	43%
Bare-Root, Weed Inhibitor, N = (432)	$19.00	$15.32	$41.24	$33.27	46%