

APPENDIX

Appendix A: Type of vegetables planted in Ban Ping Noi, San Sai sub-district, Saraphi district, Chiang Mai.

Variety (common name)	Scientific name	Family
Angel loofa	<i>Luffa acutangula</i> Roab.	Cucurbitaceae
Bottle gourd	<i>Lagenaria siceraria</i> Standl.	Cucurbitaceae
Brenjal	<i>Solanum xanthocarpum</i>	Solanaceae
Cauliflower	<i>Brassica oleracea</i> var. botrytis L.	Cruciferae
Celery	<i>Apium graveolens</i> L.	Umbelliferae
Chili	<i>Capsicum frutescens</i> L.	Solanaceae
Chinese amaranth	<i>Amaranthus lividus</i> L.	Amaranthaceae
Chinese cabbage	<i>Brassica oleraceae</i> L. var. capitata L.	Cruciferae
Chinese kale	<i>Brassica alboglabra</i> Bailey.	Cruciferae
Coriander	<i>Coriandrum sativum</i> L.	Umbelliferae
Cucumber	<i>Cucumis sativus</i> L.	Cucurbitaceae
Dill	<i>Anethum graveolens</i>	Umbelliferae
Eggplant	<i>Solanum melongena</i> L.	Solanaceae
Garden pea	<i>Pisum sativum</i> L.	Leguminosae
Garland chrysanthemum	<i>Chrysanthemum</i> <i>coronarum</i> L.	Compositae
Garlic	<i>Allium sativum</i>	Alliaceae
Hairy basil	<i>Ocimum canum</i> Sims.	Labiatae

**Appendix A: Type of vegetables planted in Ban Ping Noi, San Sai sub-district,
Saraphi district, Chiang Mai. (continued)**

Variety (common name)	Scientific name	Family
Hong Te	<i>Brassica chinensis</i> var. <i>chinensis</i> Mansf.	Cruciferae
Lettuce	<i>Lactuca sativa</i> L.	Compositae
Longan	<i>Dimocarpus longana</i> Lour.	Sapindaceae
Malabar hightshade, Ceylon spinach	<i>Basella alba</i> L.	Basellaceae
Okra	<i>Abelmoschus esculentus</i> (L.) Moench	Malvaceae
Pak Choi	<i>Brassica chinensis</i> Jusl.	Cruciferae
Parsley	<i>Petroselinum crispum</i>	Umbelliferae
Petchai Chinese cabbage	<i>Brassica pekinensis</i> (Lour.) Rupr.	Cruciferae
Pumpkin	<i>Cucurbita moschata</i> Decne.	Cucurbitaceae
Raphanus sp.	<i>Raphanus sativus</i> Linn. var. <i>caudatus</i> Alef	Cruciferae
Shallot	<i>Allium cepa</i> (<i>A. ascalonicum</i> L.)	Alliaceae
Snake eggplant	<i>Solanum melongena</i> var. <i>serpentinum</i>	Solanaceae
Snap bean	<i>Phaseolus vulgaris</i> var. <i>humilis</i>	Leguminosae
Spinach	<i>Spinacia oleraceae</i> L.	Chenopodiaceae
Sweet basil	<i>Ocimum basilicum</i> L.	Labiatae
Sweet corn	<i>Zea Mays</i> L. var. <i>rugosa</i>	Gramineae
Sweet pepper	<i>Capsicum annuum</i> var. <i>ceraciforme</i>	Solanaceae

**Appendix A: Type of vegetables planted in Ban Ping Noi, San Sai sub-district,
Saraphi district, Chiang Mai. (continued)**

Variety (common name)	Scientific name	Family
Water spinach (Water convolvulus)	<i>Ipomoea aquatica</i> Forsk.	Convolvulaceae
Wax gourd	<i>Benincasa hispida</i>	Cucurbitaceae
Winged bean	<i>Psophocarpus tetragonolobus</i> D.C.	Leguminosae
Yard long bean	<i>Vigna Sesquipedalis</i> Fruw.	Leguminosae

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Appendix B: Result of soil analysis

Lab No.	Description	pH	OM %	P (ppm)			K	Ca (me/100 gsoil)			Mg	Fe	Mn (ppm)			Zn	Cu	LR (kg/rai)
				P	P	P		Ca	Ca	Ca			Mn	Mn	Mn			
534	Prapan	5.33	2.29	45.3	84.5	8.73	2.31	41.4	45.2	1.92	4.50	392.90						
535	Sompeth	4.89	2.78	47.7	102.5	8.16	2.19	40.3	45.7	2.30	4.22	495.10						
536	Chuan	7.65	1.01	53.9	108.0	8.04	2.17	18.9	13.1	0.76	1.60	nd						
537	Vilai	6.93	2.60	96.9	132.0	10.17	2.60	40.6	35.5	2.14	3.34	86.10						
538	Sanguan	6.90	1.81	66.6	135.5	9.45	2.35	40.8	39.0	1.72	3.02	102.30						
539	Tongkham	5.87	2.44	38.5	141.5	9.59	2.40	43.1	44.2	2.18	4.94	247.60						
540	Piphop	6.03	2.49	50.8	146.5	9.21	2.27	43.4	41.7	1.84	4.10	231.40						
541	Boon	6.58	2.48	82.5	158.5	10.38	2.25	43.4	36.7	2.78	3.64	107.60						
542	Praweth	4.95	2.41	67.5	163.5	8.06	2.27	40.5	46.0	2.32	4.54	489.80						
543	Worarith	5.45	2.54	42.9	192.5	9.70	2.27	40.6	44.8	2.06	4.48	376.70						
544	Tib Sansai	5.56	2.39	29.9	195.0	8.14	2.27	43.1	42.5	2.06	4.06	306.80						
545	Tib Kullaha	5.95	2.31	34.4	232.0	9.64	2.38	44.2	45.4	2.04	5.08	231.40						
546	Sanit	5.77	1.47	194.4	237.5	6.25	1.69	42.4	39.3	1.70	3.02	215.30						
547	In-ta	6.67	1.55	35.1	315.0	9.19	2.54	43.2	41.1	1.48	3.54	118.40						

Remark: nd = not determined, Fe, Mn, Zn and Cu extracted by DTPA, and Woodruff buffer method was used to calculated for lime requirement

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