

Tissue Code	Field Crops	Qty	Plant Part	Growth Stage
3	Alfalfa	12	Top 6 inches	Prior to bloom
51	Barley	25	Top	Emergence of head from boot
56	Beans, Dry	10	Upper most recent fully developed trifoliate leaves	None specified
87	Birdsfoot Trefoil	50	leaves	1st flower
121	Canola			
137	Cassava	25	Most recent fully developed leaves	Vegetative
163	Clover, Alsike	20	Top	At 1st flower
165	Clover, Ladino	50	Leaves	Pre-flowering
167	Clover, Red	15	Top	Prior to bloom
169	Clover, Subterranean	75	Most recent fully developed leaves	Prior to flowering
171	Clover, Sweet			
173	Clover, White	50	Leaves	Pre-flowering
183	Corn, Field	15	Whole top	Less than 12" tall
185	Corn, Field	12	Leaf below whorl	Prior to tasseling
187	Corn, Field	12	Ear leaf	Initial silk
189	Corn, Seed	15	Whole top	Less than 12" tall
191	Corn, Seed	12	Leaf below whorl	Prior to tasseling
193	Corn, Seed	12	Ear leaf	Initial silk
207	Cotton	25	Vegetative stem	1st squares-initial bloom
209	Cotton	25	Vegetative stem	Full bloom
289	Flax			
319	Grass, Bahiagrass	50	Leaf Blades	None specified
321	Grass, Bentgrass	200	Clippings	Jun 1 - Aug 30
323	Grass, Bermuda Fairways & Lawns	200	Clippings	None specified
325	Grass, Bermuda Greens & Tees	200	Clippings	None specified
327	Grass, Crested Wheatgrass	50	Tops cut 2cm above soil line	May samples 8-15cm
329	Grass, Cstl. Bermuda	50	Whole top	4-5 weeks forage
331	Grass, Bluegrass, KY	50	Clippings	4-6 weeks between clippings
333	Grass, Bluejoint	50	Mowed tops	None specified
335	Grass, Bromegrass	25	1st fully developed stem w/ leaves	Midway between cuttings
337	Grass, Guineagrass			
339	Grass, Indiangrass			
341	Grass, Napiergrass			
343	Grass, Orchard Grass	50	Top	3-4 weeks between clippings
345	Grass, Pangola Grass	25	Whole top	4-5 weeks between clippings
347	Grass, Prairie	50	Tops 6-8 weeks after harvests	Spring & Summer
349	Grass, Perennial Ryegrass	25	Whole top	Vegetative
351	Grass, Switchgrass	50	Tops cut at 6cm above soil	Early anthesis
353	Grass, St. Augustine	200	Clippings	None specified
355	Grass, Tall Fescue	20	Whole top	5-6 weeks between clippings
357	Grass, Timothy	25	Top	Early anthesis
359	Grass, Zoysia	200	Clippings	None specified
409	Lespedeza			
455	Millet	20	Whole top	4-5 weeks after clipping
457	Milo			
459	Mint, Peppermint			
461	Mint, Spearmint			
483	Oats	25	Above-ground portion	Head emergence from boot
531	Peanuts	50	Upper part of plant	Prior to or bloom stage
533	Peanuts	25	Upper part of plant	Early pegging
597	Potatoes, Irish	25	Most recent fully developed leaves	30cm tall
599	Potatoes, Irish	25	Most recent fully developed leaves	Tubers 1/2 grown
611	Rice	25	Most recent fully developed leaves	Maximum tillering
613	Rice	25	Most recent fully developed leaves	Panicle initiation
621	Rye	25	Above-ground portion	None specified
641	Sorghum, Forage	15	Whole top	4-5 weeks between clippings
643	Sorghum, Grain	25	Above-ground portion	Seedling <30cm, 23-39 days
645	Sorghum, Grain	25	Most recent fully developed leaves	37-56 days after planting
647	Sorghum, Grain	25	Third leaf below head	Bloom stage-head visible
649	Sorghum, Grain	25	Third leaf below head	Grain in dough condition
651	Sorghum Sudan	15	Whole top	4-5 weeks between clippings
653	Soybeans	25	Most recent fully developed leaves	Prior to pod set
655	Speltz			
681	Sudangrass	15	Whole top	4-5 weeks between clippings
683	Sugar Beets	25	leaves	Jun-Jul, 50-80 days
685	Sugar Cane	15	3rd leaf from tip	3-5 months
687	Sunflower			
697	Tobacco	15	Most recent fully developed leaves	30-45 days
699	Tobacco	15	Most recent fully developed leaves	45-60 days
701	Tobacco	15	Most recent fully developed leaves	60-80 days
703	Tobacco	15	Most recent fully developed leaves	80-100 days
705	Tobacco	15	Most recent fully developed leaves	Bloom stage
725	Vetch, Crown	50	Top	none specified
727	Vetch, Hairy			
741	Wheat, Spring	25	Above-ground portion	Emergence of head from boot
743	Wheat, Winter	50	Top two leaves	Just before heading
901	1/3 Clover & 2/3 Ryegrass	50	Above-ground portion	Vegetative

Tissue Code	Fruit & Nut Crops	Qty	Plant Part	Growth Stage
7	Almond	50	Fully exp&ed leaves from mid to basal shoots	None specified
15	Apples	50	Fully expanded leaves from midshoot current growth	Mid Season
17	Apricots (ship)	50	Fully expanded leaves from midshoot current growth	Jul-Aug current season
19	Apricots (can)	50	fully expanded leaves from midshoot current growth	Jul-Aug current season
47	Banana	15	7.5cm strips across middle	6-9 month old leaves
49	Banana	15	Most fully expanded leaves	At harvest
89	Blueberries, Highbush	75	Fully expanded leaves from midshoot current growth	Jul-Aug
91	Blueberries, Rabbit Eye	75	fully expanded leaves from midshoot current growth	Jul-Aug
133	Cashews	50	4th Leaf	Mature branches
135	Cashews	50	4th Leaf	Mature branches
155	Cherries, Sour	50	Fully expanded leaves from midshoot current growth	Jul-Aug
157	Cherries, Sweet	50	Fully expanded leaves from midshoot current growth	Jul-Aug
211	Cranberries	100	Current season's leaves	Jul-Aug
223	Current, Black	50	Fully expanded leaves from midshoot current growth	None specified
279	Fig	25	Fully expanded leaves from midshoot current growth	Jul-Aug
309	Grapes	15	Whole leaves opposite bunch cluster	Jun-Jul
311	Grapes	50	Petioles opposite basal flower clusters	Full bloom
313	Grapes, Muscadine	15	Wholes leaves opposite bunch cluster	Mid - late summer
315	Grapefruit	25	Most recent fully developed leaves	Non-fruiting
317	Grapefruit	25	Leaves behind fruit	5-7 months
363	Hazelnut	25	Whole leaves from midshoot current growth	Jul
407	Lemon	30	Whole leaves from non-fruiting trees	5-7 months
425	Lime, Persian	30	Most recent fully developed leaves	None specified
431	Macadamia	30	Most recent fully developed leaves	None specified
434	Mandarin or Tangerine	30	Most recent fully developed leaves	None specified
437	Mango	15	Most recent fully developed leaves	None specified
495	Oranges	30	Leaves behind fruit	5-7 month leaves
497	Oranges	30	Most recent fully developed leaves, from non-fruiting, non-flushing shoots	None specified
523	Papaya	15	Most recent fully developed leaves	None specified
529	Peaches	25	Midshoot leaves from fruiting or non-fruiting spurs	Mid-summer
535	Pears	50	Fully expanded leaves from midshoot current growth	Mid-summer
541	Pecans	25	Leaflet pairs from mid-portion of terminal growth	56-84 days after termial growth
585	Pineapple	20	D leaves minus white base 1st fully expanded	Inflorescence start
593	Plums	25	Whole leaves midshoot	Mid-summer
607	Raspberries	50	Most recent fully developed leaves	Flower bud start
677	Strawberries	25	Most recent fully developed leaves	At flowering
733	Walnuts	25	Center leaflets of most recent fully developed compound leaves	Jul-Aug

Tissue Code	Ornamental Crops	Qty	Plant Part	Growth Stage
1	Aglaoanema, Chinese Evergreen	12	Blades w/midribs from most recent fully developed leaves	None specified
5	Allamanda	25	Most recent fully developed leaves	None specified
9	Alstromeria	20	1st fully developed leaves	None specified
11	Anthurium	15	Leaf Blades w/midrib minus petiole from most recent fully developed leaves	None specified
13	Aphelandra or Zebra plant	25	Most recent fully developed leaves	None specified
21	Aralia, False	25	Most recent fully developed leaves	None specified
23	Arborvitae	25	5.0 - 7.5cm tips of young plants	None specified
29	Asparagus Fern	15	Most recent fully developed leaves	None specified
31	Asparagus, Myers, Sprengeri	15	Most recent fully developed leaves	None specified
41	Azalea	50	Most recent fully developed leaves	None specified
43	Azalea, Indian Hybrid	50	Most recent fully developed leaves	None specified
45	Baby's Breath	50	Most recent fully developed leaflets	None specified
53	Basswood or Linden		Most recent fully exp&ed leaves	Young nursery-Jul-Aug
55	Basswood or Linden		Leaves from unshaded branches of mature trees, southerly aspect	Jul-Aug
67	Begonia, Rieger	20	Most recent fully developed leaves	None specified
69	Begonia, Wax Leaf	20	Most recent fully developed leaves	None specified
85	Bird of Paradise	12	Blades w/midribs minus petioles from 1st fully developed leaves	None specified
93	Bougainvillea	25	Most recent fully developed leaves	None specified
95	Boxwood, Japanese	50	Most recent fully developed leaves	None specified
99	Bromeliad	15	Most recent fully developed leaves	Non-flowering
115	Cactus, Christmas	15	Most recent fully developed leaves	None specified
117	Caladium	12	Leaf Blade w/midrib	None specified
119	Calathea	25	Most recent fully developed leaves	None specified
125	Carissa or Natal Plum	50	Most recent fully developed leaves	None specified
127	Carnation	50	5th & 6th leaf pairs from non-flowering shoots	None specified
147	Chalkas, Orange Jasmine	50	Most recent fully developed leaves	None specified
159	Chrysanthemum	25	4th leaf from tip-omit unfurled	Before bud start
161		25	4th leaf from tip-omit unfurled	Bud start - harvest
175	Coco Plum	50	Most recent fully developed leaves	None specified
177	Coffee Plant	25	Most recent fully developed leaves	None specified
181	Conifers		Moderate - large twigs & leaves from mature trees	None specified
205	Cotoneaster	25	Leaves	Jul-Aug
213	Croton	12	Most recent fully developed leaves	None specified
215	Crown of Thorns	25	Most recent fully developed leaves	None specified
225	Cyclamen	15	Top	50 days after harvest
231	Dieffenbachia	10	Leaf blades w/midribs minus petioles from most recent fully developed leaves	None specified
233	Dogwood	25	1st fully developed leaves	None specified
235	Dracena, Godseffiana	15	Most recent fully developed leaves	None specified
237	Dracena, Janet Craig	15	Most recent fully developed leaves	None specified
239	Dracena, Corn Plant	15	Most recent fully developed leaves	None specified
241	Dracena, Sanders	15	Most recent fully developed leaves	None specified
243	Dracena, Reflexa	25	Most recent fully developed leaves	None specified
245	Dracena, Warnecki	15	Most recent fully developed leaves	None specified
247	Eggplant	12	Leaf blades w/midribs minus petioles from most recently fully developed leaves	None specified
257	Eugenia	50	Most recent fully developed leaves	None specified
259	Euonymus	25	Most recent fully developed leaves	None specified
263	Fern, Birdsnest	50	Most recent fully developed leaves	None specified
265	Fern, Boston	15	Most recent fully developed leaves	None specified
267	Fern, Leatherleaf	15	Most recent fully developed leaves	None specified
269	Fern, Maidenhair	25	Most recent fully developed leaves	None specified
271	Fern, Pteris	15	Most recent fully developed leaves	None specified
273	Ficus, Benjaminia	50	Most recent fully developed leaves	None specified
275	Ficus, Decora, Rubber Tree	10	Blades w/midribs minus petioles from most recent fully developed leaves	None specified
277	Ficus, Fiddleleaf Fig	10	Blades w/midribs minus petioles from most recent fully developed leaves	None specified
291	Forsythia	25	Most recent fully developed leaves	Jul-Aug
293	Forsythia	10	1st fully developed shoots	Apr-dormancy break
295	Gardenia		Most recent fully developed leaves	None specified
301	Geranium	15	Most recent fully developed leaves	None specified
303	Gerbers or Transvaal Daisy	15	Most recent fully developed leaves	None specified
305	Gladiolus	12	Most recent fully developed leaves	None specified
307	Gloxina	15	Most recent fully developed leaves	None specified
361	Hawthorn		1st fully developed leaves	Jul-Aug
367	Hibiscus	15	Whole, most recent fully developed leaves	None specified
369	Holly, American	50	Most recent fully developed leaves	None specified
371	Holly, Chinese	50	Most recent fully developed leaves	None specified
373	Holly, Japanese	50	Most recent fully developed leaves	None specified
375	Honeylocust, Moraine		Leaves from midshoot 8 month	Aug
381	Hydrangea	15	Whole, most recent fully developed leaves	None specified
383	Ixora	25	Most recent fully developed leaves	None specified
385	Ivy, English	25	Most recent fully developed leaves	Jul-Aug
387	Jasmine, Wax	50	Most recent fully developed leaves	None specified
395	Kalanchoe	15	4th leaf from tip	None specified
403	Leea or Hawaiian Holly	25	Leaflets from most recent fully developed leaves	None specified
419	Ligustrum	25	Most recent fully developed leaves	None specified

Tissue Code	Ornamental Crops	Qty	Plant Part	Growth Stage
421	Lily, Day	15	Most recent fully developed leaves	None specified
423	Lily, Easter	15	Most recent fully developed leaves	None specified
427	Lipstick Plant	25	Most recent fully developed leaves	None specified
429	Liriope	25	Most recent fully developed leaves	None specified
433	Malpighia	25	Most recent fully developed leaves	None specified
435	Mandevilla, Dipladenia	25	Most recent fully developed leaves	None specified
451	Maranta, Rabbit's Foot	25	Most recent fully developed leaves	None specified
453	Marble Queen, Pothos	25	Most recent fully developed leaves	None specified
463	Monkey Puzzle Tree	25	Most recent fully developed leaves	None specified
467	Nepthytis	25	Most recent fully developed leaves	None specified
469	Norfolk Island Pine	25	Most recent fully developed leaves	None specified
489	Olive, Black	25	Most recent fully developed leaves	None specified
499	Orchid, Cattleya	12	Most recent fully developed leaves	None specified
501	Orchid, Cymbidium	12	Most recent fully developed leaves	None specified
503	Orchad, Lady-slipper or Cypipedium	12	Most recent fully developed leaves	None specified
505	Orchid, Phalenopsis or Moth	12	Most recent fully developed leaves	None specified
509	Palm, Areca	15	Middle leaflets from most recent fully developed leaf, no large petioles	None specified
511	Palm, Bamboo or Selfritzil	15	Middle leaflets from most recent fully developed leaf, no large petioles	None specified
513	Palm, Chamadorea or Parlor	15	Middle leaflets from most recent fully developed leaf, no large petioles	None specified
515	Palm, Kentia	15	Middle leaflets from most recent fully developed leaf, no large petioles	None specified
517	Palm, Pony Tail	12	Middle leaflets from most recent fully developed leaf, no large petioles	None specified
519	Palm, Rhaps or Lady	15	Middle leaflets from most recent fully developed leaf, no large petioles	None specified
521	Palm, Robellini	15	Middle leaflets from most recent fully developed leaf, no large petioles	None specified
543	Peperomia, Green or Variegated	15	Most recent fully developed leaves	None specified
549	Philodendron, Cordatum or Heart-leaf	12	Most recent fully developed leaves	None specified
551	Philodendron, Hastatum	8	Blades w/midribs minus petioles from most recent fully developed leaves	None specified
553	Philodendron, Pandurforme	8	Blades w/midribs minus petioles from most recent fully developed leaves	None specified
555	Philodendron, Pertusum, Monstera	8	Blades w/midribs minus petioles from most recent fully developed leaves	None specified
557	Philodendron, Selloum	8	Blades w/midribs minus petioles from most recent fully developed leaves	None specified
587	Pittosporum	25	Most recent fully developed leaves	None specified
589	Podocarpus	25	Most recent fully developed leaves	None specified
591	Poinsettia	15	Most recent fully developed leaves	None specified
609	Rhododendron	15	Leaves	Jan-dormant
615	Rose	10	Most recent fully developed compound 5 leaflet leaves	Flower bud pea size
623	Salvia	25	Most recent fully developed leaves	None specified
625	Sansevieria	15	Most recent fully developed leaves	None specified
627	Schefflera, Umbrella Tree	10	Leaves w/midribs minus petioles from most recent fully developed leaves	None specified
629	Snapdragon	25	Most recent fully developed leaves	None specified
631	Spathiphylium	12	Most recent fully developed leaves	Young plants < 4 months
633	Spathiphylium	8	Blades w/midribs minus petioles from most recent fully developed leaves	Older plants
635	Spider Plants	15	1st fully developed leaves	None specified
637	Spirea	15	1st fully developed leaves	None specified
639	Spirea	15	1st fully developed leaves	None specified
679	Statice	20	Most recent fully developed leaves	None specified
693	Syringa	15	Current season leaves	None specified
695	Taxus	75	Current season leaves	None specified
729	Viburnum	20	Most recent fully developed leaves	None specified
731	Violet, African	15	Most recent fully developed leaves	None specified
747	Yucca	12	Most recent fully developed leaves	None specified

Crop Code	Landscape & Forest Trees	Qty	Plant Part	Growth Stage
33	Aspen, European		Most recent fully exp&ed leaves	Young nursery
35	Aspen, White		Most recent fully exp&ed leaves	Jul-Aug
37	Aspen, Trembling		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	None specified
59	Beech		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	None specified
61	Beech		Most recent fully developed leaves	Jul-Aug
63	Beech		Leaves from mature trees	Aug 29 - Oct 1
71	Birch, Black		Most recent fully developed leaves	Jul-Aug
73	Birch, White		Most recent fully developed leaves	Jul-Aug
75	Birch, White		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	None specified
77	Birch, Yellow		Leaves	102 day old seedling
79	Birch, Yellow		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	None specified
81	Birch, Yellow		Whole seedlings	37 day old seedlings
83	Birch, Wire		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	None specified
141	Cedar, Western Red		Needles from upper 1/3 crown of mature trees	Aug
149	Cherry, Black		Leaves from upper 1/3 of crown of mature trees	None specified
151	Cherry, Choke		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	Late Jul-Aug
153	Cherry, Pin		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	Late Jul-Aug
227	Deciduous Trees		1st fully developed leaves from young nursery trees	Jul-Aug
229	Deciduous Trees		Moderate - large twigs & leaves from mature trees	None specified
251	Eucalyptus		10-12 month old leaves from upper crown of 15 month old trees	None specified
253	Eucalyptus		Leaves	3 year old trees
255	Eucalyptus, Southern Blue-Gum		Leaves from outer lower crown of mature trees	February 21 - May 15
261	Evergreen Trees		1st fully developed leaves from young nursery trees	Jul-Aug
281	Fir, Balsam or Amabilis		Needles from upper 1/3 crown of 8 year old trees	Aug
283	Fir, Douglas		Needles from topmost lateral branch of 2-5 year old trees	Oct & Nov
285	Fir, Douglas		Needles from upper 1/3 crown of mature trees	Aug-Sept
287	Fir, Douglas		Needles from upper 1/3 crown of mature trees	Oct & Nov
365	Hemlock, Western		Needles from upper 1/3 crown of mature trees	Aug
377	Horse Chestnut		Leaf blades w/midribs from mature trees	Aug 25 - Sept 29
389	Juniper	25	Tips-stems included from recently matured growth shoots	None specified
391	Juniper, Bar Harbour	25	5.0 - 7.5cm tips	Jul-Aug
393	Juniper, Pfitzer Compacta	25	5.0 - 7.5cm tips	Jul-Aug
401	Larch, Japanese		Needles from uppermost shoots of mature trees	Late Summer
439	Maple, Black		1st fully developed leaves	Jul-Aug
441	Maple, Mountain		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	Jul & Apr
443	Maple, Red		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	Jul & Apr
445	Maple, Red		1st fully developed leaves	Jul-Aug
447	Maple, Striped		Moderate - large twigs & leaves from mature trees	Late Jul & Apr
449	Maple, Sugar		Mid 1/3 of crown leaves from mature trees	Mid-Aug & Sept
471	Oak		Upper crown leaves from mature trees	Late Summer
473	Oak, California Live		1 year old leaves from lower crown of mature trees	February 21, May 15
475	Oak, Pin		1st fully developed leaves from young trees	Jul-Aug
477	Oak, Pin		1st fully developed leaves from mature trees	Summer
479	Oak, Red		Moderate - large twigs & leaves from lower 1/3 of crown	Late Jul - Aug
481	Oak, Valonea		Upper branches leaves	2 year old seedlings
487	Olive	50	Fully exp&ed leaves, midshoot	None specified
559	Pine, Aleppo		Needles	1 & 2 year seedlings
561	Pine, Corsican		Needles from current year's growth of mature trees	Summer
563	Pine, Jack		Needles from current year's growth of mature trees	Summer
565	Pine, Loblolly		Needles from current year's growth of mature trees-southern aspect	February 15
567	Pine, Lodgepole		Needles from 3-6 year old trees	Jun 16, Sept 14
569	Pine, Radiata		2nd order branches in free growing 12 year trees	None specified
571	Pine, Red		Needles from lateral branch top whorl of mature trees	Fall-Winter
573	Pine, Red		Needles from lateral branch top whorl of mature trees	Late Sept- Oct
575	Pine, Scotch		Upper lateral branch	4 year old trees
577	Pine, Slash		Current year's 1st fully matured needles	Young < 2 year trees
579	Pine, White		4.0 - 7.5cm tips from young trees	Summer
581	Pine, White		Current season's growth from mature trees	None specified
583	Pine, Western Yellow		5.0 - 7.5cm tips from young trees	Jul-Aug
595	Poplar		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	Summer
661	Spruce, Black		Mod - large twigs & needles from lower 1/3 of crown of mature trees	Late Jul & Apr
663	Spruce, Colorado		5.0 - 7.5cm tips from young trees	Jul-Aug
665	Spruce, Engelman		Needles	Aug & Sept
667	Spruce, Norway		5.0 - 7.5cm tips from 1st developed branches of young trees	Jul-Aug
669	Spruce, Red		Needles from base of live crown on south side of trees	Mid-Oct
671	Spruce, Sitka		Top	Seedlings 1 year, 11 weeks
673	Spruce, White		Moderate - large twigs & needles from lower 1/3 of crown of mature trees	Late Jul & Apr
691	Sycamore		Blades w/midribs minus petioles from mature trees	Aug 24 - Sept 23
745	Willow		Moderate - large twigs & leaves from lower 1/3 of crown of mature trees	Jul & Apr

Tissue Code	Vegetable Crops	Qty	Plant Part	Growth Stage
25	Asparagus	10	Top 15cm fronds	Jul
27	Asparagus	10	Top 50cm fronds	Aug-Sept
39	Avocado	50	Most recent fully expanded leaves from non-fruiting terminals	5-7 month old leaves
57	Beans, Snap	10	Upper most recent fully developed trifoliolate leaves	None specified
65	Beets, Red Table	20	Most recent fully developed leaves	None specified
97	Broccoli	12	Most recent fully developed leaves	Heading
101	Brussel Sprouts	12	Most recent fully developed leaves	Maturity
103	Cabbage	15	Top	2-6 weeks old
105	Cabbage	12	Wrapper leaves	2-3 months old
107	Cabbage	12	Wrapper leaves	Maturity
109	Cabbage	15	Midribs from wrapper leaves	Maturity
111	Cabbage, Chinese	12	1st fully developed leaves	8 leaf stage
113	Cabbage, Chinese	12	1st fully developed leaves	Maturity
123	Cantaloupe	12	5th leaf from tip-omit unfurled	Flower bud start - small fruit
124	Cantaloupe	12	5th leaf from tip-omit unfurled	Small fruit - harvest
129	Carrots	12	Most recent fully mature leaves	Mid-grown
131	Carrots	12	Oldest leaves	Maturity
139	Cauliflower	12	Most recent fully developed leaves	At heading
143	Celery	12	Petioles from most recent fully developed leaves	6 weeks old plant
145	Celery	12	Petioles from outside leaves minus 1" base & top node	Maturity
179	Collard Greens	12	1st fully developed leaves	None specified
195	Corn, Sweet	8	5th leaf from tip-omit unfurled	30-50cm
197	Corn, Sweet	8	5th leaf from tip-omit unfurled	5-6 weeks, 50-70cm
199	Corn, Sweet	8	5th leaf from tip-omit unfurled	7-8 weeks-tassel start
201	Corn, Sweet	8	5th leaf from tip-omit unfurled	Full tassel-silk start
203	Corn, Sweet	8	5th leaf from tip-omit unfurled	End of silk
217	Cucumbers, European type	12	Leaf blades w/midribs, 5th leaf from tip-omit unfurled	1st fully developed
219	Cucumbers, Field	12	Leaf blades w/midribs, 5th leaf from tip-omit unfurled	Flower bud start - small fruit
221	Cucumbers, Field	12	Leaf blades w/midribs, 5th leaf from tip-omit unfurled	Small fruit - harvest
249	Endive	10	Oldest leaves	8 leaf stage
297	Garlic	12	Most recent fully developed leaves-no white portions	Pre-bulb
299	Garlic	12	Most recent fully developed leaves-no white portions	Bulbing
300	Garlic	12	Most recent fully developed leaves-no white portions	Post-bulb
379	Horseradish	12	Leaf blades w/midribs from most recent fully developed leaves	None specified
397	Kale	12	Most recent fully developed leaves	None specified
399	Kohlrabi	12	Most recent fully developed leaves	None specified
405	Leek			
411	Lettuce, Boston	12	Oldest leaves	8 leaf stage
413	Lettuce, Boston	12	Wrapper leaves	Maturity
415	Lettuce, Cos type	12	Wrapper leaves	Maturity
417	Lettuce, Ithaca type	12	Wrapper leaves	Maturity
465	Mustard Greens	12	1st fully developed leaves	None specified
485	Okra			
491	Onions	12	Top-no white portion	1/3 - 1/2 grown
493	Onions	12	Top-no white portion	1/2 grown - maturity
507	Pak Choi			
525	Parsley			
527	Parsnips			
537	Peas, Black-eyed	12	Most recent fully developed trifoliolate leaves	Early bloom
539	Peas, English	50	Most recent fully developed leaflets	1st bloom
545	Peppers, Bell	25	Most recent fully developed leaves	1st bloom - final 1/3
547	Peppers, Bell	25	Upper fully developed leaves	Final 1/3
601	Potatoes, Sweet	15	Most recent fully developed leaves	Half grown
603	Pumpkins			
605	Radishes	30	Most recent fully developed leaves	None specified
617	Rubarb			
619	Rutabaga			
657	Spinach	15	Most recent fully developed leaves	30-50 days
659	Spinach	15	Most recent fully developed leaves	Maturity
675	Squash	12	Blades with midribs from most recent fully developed leaves	None specified
689	Swiss Chard	12	1st fully developed leaves	None specified
707	Tomato, Field	15	Compound leaves adjacent top inflorescence	Mid bloom
709	Tomato, Trellis	12	Petioles of leaves opposite or below top flower cluster	Mid bloom 1st cluster
711	Tomato, Trellis	12	Petioles of leaves opposite or below top flower cluster	Mid bloom 2nd cluster
713	Tomato, Trellis	12	Petioles of leaves opposite or below top flower cluster	Mid bloom 3rd cluster
715	Tomato, Trellis	12	Petioles of leaves opposite or below top flower cluster	Mid bloom 4th cluster
717	Tomato, Trellis	12	Petioles of leaves opposite or below top flower cluster	Mid bloom 5th cluster
719	Tomato, Trellis	12	Petioles of leaves opposite or below top flower cluster	Mid bloom 6th cluster
721	Turnip Greens	12	1st fully developed leaves	None specified
723	Turnips	12	Most recent fully developed leaves	None specified
735	Watercress	25	Whole, most recent fully developed compound leaves from top of plant	None specified
737	Watermelon	12	5th leaf from tip-omit unfurled	Flower start - small fruit
739	Watermelon	12	5th leaf from tip-omit unfurled	Small fruit - harvest