

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 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			

Tissue Code	Field Crops	Qty	Plant Part	Growth Stage
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