

July 20-30. — *Rhexia*, *Zygadenus* (Al.), poison sumach (N.), *Grindelia squarrosa* (Col.), *Aquilegia coerulea* (Col.), *Lilium canadense* (C.).

Aug. 1-10. — *Zauschneria* (Cal.), *Petalostemon corymbosum* (Al.), *Sabbatia*, *Habenaria ciliaris* (N.), *Helianthus petiolaris* (Col.), *Erythronium grandiflorum* (Col.), *Rubus villosus* (C.).

Aug. 10-20. — *Chrysopsis mariana* (Al.), sun-flowers (N.), *Malvastrum coccineum* (Col.), *Aster canescens* (Col.), *lovage* (C.).

Aug. 20-30. — *Lilium catesbaei*, *Liatris elegans* (Al.), *Solidago altissima* (N.), *Solidago missouriensis* (Col.), *Gentiana Parryi* (Col.), *Impatiens* (C.), *Aster Douglasii* (O.).

Sept. 1-10. — *Nabalus Frazeri* (Al.), beech-drops, *Liatris*, Indian pipe (N.), *Aster spectabilis* (C.), golden-rods (O.).

Sept. 10-20. — Golden-rods (Al.), golden-rods, sow-thistle, *Nabalus Frazeri* (N.) (C.).

Sept. 20-30. — *Gerardia purpurea* (Al.), gentians, *Acalypha* (N.).

Oct. 1-10. — *Aster tradescanti* (Al.), asters (N.).

Oct. 10-20. — *Gentiana ochroleuca* (Al.).

Oct. 20-30. — *Gentiana elliotii* (Al.).

Nov. — *Spiranthes brevifolia* (Al.), witch-hazel (N.).

IMPORTANT AGRICULTURAL STATISTICS.

Live-stock in the United States in 1880, excluding ranch-stock, horses, mules, cows, and swine in cities, and those belonging to persons not owning or occupying farms.

Horses	10,357,981	Sheep	35,191,656
Cows (milk)	12,443,593	Swine	47,687,951
Other cattle	22,488,590		

The leading states in the raising of live-stock are as follows.

Illinois, horses	1,023,082
New York, milk-cows	1,437,855
Texas, other cattle	3,387,967
Ohio, sheep	4,902,486
Iowa, swine	6,034,316

Average yield per acre of cereals in the United States, 1880.

	Bush.		Bush.
Indian corn	28+	Barley	22+
Wheat	13-	Rye	10+
Oats	25+	Buckwheat	14-

Cereals raised in the United States in 1880.

	Bush.		Bush.
Indian corn	1,754,861,535	Barley	44,113,495
Wheat	559,479,505	Rye	19,831,595
Oats	407,858,999	Buckwheat	11,817,327

The leading states in the production of cereals.

	Bush.		Bush.
Illinois, Indian corn	325,793,481	Iowa, oats	50,610,591
Iowa, Indian corn	275,024,247	New York, oats	37,575,506
Missouri, Ind'n corn, 202,485,721		Pennsylvania, oats	33,841,439
Indiana, Indian corn, 115,482,300		Wisconsin, oats	32,905,320
Ohio, Indian corn	111,877,124	California, barley	12,579,561
Kansas, Indian corn, 105,729,325		Wisconsin, barley	5,043,118
Illinois, wheat	51,110,503	Pennsylvania, rye	3,683,621
Indiana, wheat	47,284,855	Illinois, rye	3,121,785
Ohio, wheat	46,014,869	New York, rye	2,634,690
Michigan, wheat	25,552,543	Wisconsin, rye	2,298,513
Minnesota, wheat	34,601,030	New York, buck-wheat	4,461,200
Iowa, wheat	31,154,205	Pennsylvania, buck-wheat	3,573,326
California, wheat	29,017,707		
Illinois, oats	63,189,200		

Average yield of corn and wheat per acre (in bushels).

	Corn.	Wheat.
Alabama	12+	6-
California	27+	15+
Massachusetts	35+	16+
New York	33+	15+
Illinois	36+	16-
Pennsylvania	33-	13+
Florida	9-	5+
Georgia	9+	7-
Minnesota	33+	11+

Implements and workmen.

Agricultural implements, number and value (1880).

Number of establishments	1,943
Number of hands employed	39,580
Capital invested	\$62,109,668
Wages of workmen	15,359,610
Value of material	31,531,170
Value of implements manufactured	68,640,486
Number of reapers and mowers manufactured	162,337
Number of grain-cradles manufactured	167,492
Number of scythes manufactured	1,244,264
Number of horse-rakes manufactured	95,625

Farms.

Number of farms in the United States in 1880, 4,008,907.

States then having 200,000 and upwards.

Illinois	255,741	Missouri	215,575
Ohio	247,189	Pennsylvania	213,541
New York	241,058		

Cotton raised in 1880.

Total in the United States, 5,735,257 bales of 475 pounds each.

States producing 500,000 bales and upwards.

	Bales.		Bales.
Mississippi	955,808	Arkansas	608,256
Georgia	814,441	South Carolina	522,548
Texas	803,642	Louisiana	508,569
Alabama	699,654		

The extremes of production are Missouri, $\frac{6}{100}$ of a bale; Florida, $\frac{22}{100}$ per acre.