



S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			
18	19	20	21	22	23	24
25	26	27	28	29	30	
25	26	27	28	29	30	31

# DAY NUMBER TABLE

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Many jobs dealing with various farm records involve determining the number of days between two dates. This table gives a quick, easy and accurate aid for calculating the number of days between two dates within a calendar year. It can also be used to calculate the number of days for a period including parts of two or more calendar years.

## USES OF THE TABLE

Some possible uses for this table are listed below. The table can be used to help determine the length of time in days for any period of time.

- Age of Young Animals. A pig born February 23rd goes to market July 30th. How many days from birth to market? How many days old is a pig born September 2nd on the following March 6th? When does a lamb born February 5th reach 90 days of age? A calf born March 29th is how many days old on October 29th?
- Length of Gestation Period: A ewe is bred October 20th. If 147 days is the average gestation length, when can her lambs be expected?
- Days from Planting to Harvest. Corn planted on May 15 is chopped for silage on September 29. How many days did it grow?
- Expected Date of Parturition based on date of breeding. When must a sow conceive if you want her to farrow near February 1st. Assume gestation length to be 114 days.
- Date of Conception. Estimated from parturition date. A cow calves April 7. When did she conceive? Assume 282 days gestation length.
- Days on Feed. A group of calves are weaned October 23, at which time they are put into the feedlot. They are sold April 19th to an Illinois feeder. How many days did you winter the calves?

Day Mo.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	1	32	60	91	121	152	182	213	244	274	305	335
2	2	33	61	92	122	153	183	214	245	275	306	336
3	3	34	62	93	123	154	184	215	246	276	307	337
4	4	35	63	94	124	155	185	216	247	277	308	338
5	5	36	64	95	125	156	186	217	248	278	309	339
6	6	37	65	96	126	157	187	218	249	279	310	340
7	7	38	66	97	127	158	188	219	250	280	311	341
8	8	39	67	98	128	159	189	220	251	281	312	342
9	9	40	68	99	129	160	190	221	252	282	313	343
10	10	41	69	100	130	161	191	222	253	283	314	344
11	11	42	70	101	131	162	192	223	254	284	315	345
12	12	43	71	102	132	163	193	224	255	285	316	346
13	13	44	72	103	133	164	194	225	256	286	317	347
14	14	45	73	104	134	165	195	226	257	287	318	348
15	15	46	74	105	135	166	196	227	258	288	319	349
16	16	47	75	106	136	167	197	228	259	289	320	350
17	17	48	76	107	137	168	198	229	260	290	321	351
18	18	49	77	108	138	169	199	230	261	291	322	352
19	19	50	78	109	139	170	200	231	262	292	323	353
20	20	51	79	110	140	171	201	232	263	293	324	354
21	21	52	80	111	141	172	202	233	264	294	325	355
22	22	53	81	112	142	173	203	234	265	295	326	356
23	23	54	82	113	143	174	204	235	266	296	327	357
24	24	55	83	114	144	175	205	236	267	297	328	358
25	25	56	84	115	145	176	206	237	268	298	329	359
26	26	57	85	116	146	177	207	238	269	299	330	360
27	27	58	86	117	147	178	208	239	270	300	331	361
28	28	59	87	118	148	179	209	240	271	301	332	362
29	29		88	119	149	180	210	241	272	302	333	363
30	30		89	120	150	181	211	242	273	303	334	364
31	31		90		151		212	243		304		365

For leap year, one day must be added to each number of days after February 28.

3  
544.3  
N 9  
18  
10.521  
976

7. Weaning Age of Young Animals. Lambs born February 25th are weaned May 10th when their mothers are turned onto pasture. How many days old are they at weaning?
8. Length of Lactation. A dairy cow freshens September 29. When will she have milked 305 days?
9. Calendaring Work Schedules. Such as planning use of estrus synchronization compounds.

## USING THE TABLE

A beef calf born April 5 is weighed and weaned October 27. How many days old is the calf?

April 5 = Day number 95  
October 27 = Day number 300

Subtract 95 from 300 to find the calf's age

300	
- 95	
205	The calf born April 5 is 205 days old on October 27.

Let's use the example of the ewe bred on October 20th. When is she due to lamb? October 20th is day 293 of the year. To that we can add 147 days, the expected length of gestation:

293	440	
+147	-365 (the number of days in this year.)	
440	75	

The ewe can be expected to lamb about the 75th day of the following year or March 16th.

A grain crop seeded May 3 is windrowed on August 8th. How many days from planting to harvest?

August 8 = day 220  
May 3 = day 123 (subtract)  
97 days from planting to harvest, in this example.

A cow born April 3 of 1967 calves for the first time on August 27 of 1969. How old is she when she calves for the first time? We can quickly see approximately 2 1/3 years time from birth to first calving for this female. There will be two full years of 730 days (2 X 365) from her birth date to April 3 of 1969. We have to calculate the days from April 3 to August 27.

August 27 = day 239

April 3 = day -93

146 days from April 3 to August 27

This cow is 876 days old or two years and 146 days old when she calves for the first time.

When will a heifer calf born March 25 be 540 days old?

March 25	= day 84
add 540 days	540
	624

Now Subtract 624 On day 259 or September 16 of the following year the heifer will be 540 days old. Weigh her then to find her 540-day weight.

Purebred calves born to heifers of some breeds cannot be registered if born before the mother is 18 months old. What is the minimum age at which a heifer, born March 20, could be bred and still be at least 18 months old at calving time? Assume a 280-day gestation period for heifers. (Most people prefer to avoid breeding heifers until they are 14 months of age or older, permitting them to grow and develop as much as possible before calving.) March 20 = day 79 of that year. 18 months = 365 + (1/2 X 365) or 548 days. 548 minus 280 days = 268 days. Day 79 + 268 equals day 347 or December 13 is the earliest date the heifer could be bred and still calve at 18 months age or older.

WHEN LEAP YEARS ARE INVOLVED, ADD ONE DAY TO EACH DAY NUMBER FOR THE MONTHS MARCH THROUGH DECEMBER. FEBRUARY 29 IS DAY NUMBER 60, MARCH 1 IS DAY NUMBER 61 DURING LEAP YEARS.