



RETAIL READY 2023 calendar

JAN

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

APR

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

JUL

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

OCT

	S	M	T	W	T	F	S
40	1	2	3	4	5	6	7
41	8	9	10	11	12	13	14
42	15	16	17	18	19	20	21
43	22	23	24	25	26	27	28
44	29	30	31				

FEB

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

MAY

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

AUG

	S	M	T	W	T	F	S
31			1	2	3	4	5
32	6	7	8	9	10	11	12
33	13	14	15	16	17	18	19
34	20	21	22	23	24	25	26
35	27	28	29	30	31		

NOV

	S	M	T	W	T	F	S
44				1	2	3	4
45	5	6	7	8	9	10	11
46	12	13	14	15	16	17	18
47	19	20	21	22	23	24	25
48	26	27	28	29	30		

MAR

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

JUN

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

SEP

	S	M	T	W	T	F	S
35						1	2
36	3	4	5	6	7	8	9
37	10	11	12	13	14	15	16
38	17	18	19	20	21	22	23
39	24	25	26	27	28	29	30

DEC

	S	M	T	W	T	F	S
48						1	2
49	3	4	5	6	7	8	9
50	10	11	12	13	14	15	16
51	17	18	19	20	21	22	23
52	24/31	25	26	27	28	29	30

HOLIDAYS

2023

New Year's Day	Jan 1
MLK Day ★	Jan 16
Valentine's Day	Feb 14
Family Day ★	Feb 20
Presidents' Day ★	Feb 20
St. Patrick's Day	Mar 17

HOLIDAYS

2023

Palm Sunday	Apr 2
Good Friday	Apr 7
Easter	Apr 9
Mother's Day	May 14
Victoria Day ★	May 22
Memorial Day ★	May 29

HOLIDAYS

2023

Father's Day	Jun 18
Canada Day ★	Jul 1
Independence Day ★	Jul 4
Civic Holiday ★	Aug 7
Labor Day	Sep 4
Thanksgiving ★	Oct 9

HOLIDAYS

2023

Columbus Day ★	Oct 9
Veterans Day ★	Nov 11
Remembrance Day ★	Nov 11
Thanksgiving ★	Nov 23
Christmas	Dec 25

AREA

SQUARE MEASURE US

144 sq inches	1 sq foot
9 sq feet	1 sq yard
43,560 sq feet	1 acre

SQUARE MEASURE METRIC

100 sq millimeters	1 sq centimeter
100 sq meters	1 sq dekameter
100 sq dekameters	1 sq hectometer
100 sq hectometers	1 sq kilometer

SQUARE MEASURE EQUIVALENTS

1 sq inch	6.4516 sq centimeters
1 sq foot	0.0929 sq meters
1 sq yard	0.83613 sq meters
1 sq mile	2.59 sq kilometers
0.15500 sq inch	1 sq centimeter
1.2060 sq yard	1 sq meter
0.38608 sq mile	1 sq kilometer
1 hectare	107,636.76 sq feet
1 hectare	11,959.90 sq yards
1 hectare	2.471 acres
1 acre	43,560 sq feet
1 acre	4,840 sq yards
1 acre	0.4047 hectares

DISTANCE

LINEAR MEASURE US

12 inches	1 foot
3 feet	1 yard
5½ yards	1 rod
40 rods	1 furlong
8 furlongs (5280 ft)	1 statute mile
3 nautical miles	1 league

LINEAR MEASURE METRIC

10 millimeters	1 centimeter
10 centimeters	1 decimeter
10 decimeters	1 meter
10 meters	1 dekameter
10 dekameters	1 hectometer
10 hectometers	1 kilometer

LINEAR MEASURE EQUIVALENTS

1 inch	2.54 centimeters
1 foot	0.3048 meters
1 yard	0.9144 meters
1 mile	1.6093 kilometers
0.03937 inch	1 millimeter
39.37 inches	1 meter
1.0936 yard	1 meter
0.62137 mile	1 kilometer

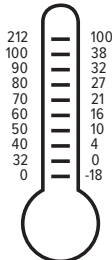
TEMPERATURE

CONVERT °F TO °C

Subtract 32 and multiply by .55
(68°F minus 32 x .55 = 20°C)

CONVERT °C TO °F

Multiply by 1.8 and add 32
(20°C x 1.8 + 32 = 68°F)



WEIGHT

WEIGHT US

1 ounce	437.5 grains
16 ounces	1 pound
2000 pounds	1 ton (US)

WEIGHT METRIC

10 milligrams	1 centigram
10 centigrams	1 decigram
10 decigrams	1 gram
10 grams	1 dekagram
10 dekagrams	1 hectogram
10 hectograms	1 kilogram
100 kilograms	1 quintal

WEIGHT EQUIVALENTS

1 grain	0.064799 gram
1 ounce	28.35 grams
1 pound	0.453359 kilogram
1 ton (US)	0.90718 metric tons
15.432 grains	1 gram
0.035274 ounce	1 gram
2.2046 pounds	1 kilogram
1.1023 ton (US)	1 metric ton
1 metric ton	2204.623 lbs

CONCENTRATION

PARTS PER MILLION

1 oz/100 gal = 75 ppm

To determine parts per million (ppm) of an element in a fertilizer, simply multiply the percent of that element by 75. The answer will be the ppm of the element per ounce of the fertilizer in 100 gallons of water.

Example: 20-10-20 contains 20% Nitrogen. 20% multiplied by 75 is 15, which is the ppm of Nitrogen in 1 ounce of 20-10-20 per 100 gallons of water. Therefore, if 200 ppm N is desired: $200 \div 15 = 13.3$ oz. 13.3 oz of 20-10-20 are required to produce a 200 ppm N solution in 100 gals of water.

A simple formula can also be used: $\text{ppm desired} \div 75 = \text{oz of fertilizer to use in 100 gals water}$.

Example: how much 20-10-20 fertilizer should you use to obtain a 200 ppm Nitrogen solution? $200 \text{ ppm} \div 75 \div 0.20 = 13.3 \text{ oz/100 gallons of water}$

CUBIC VOLUME

CUBIC MEASURE US

1,728 cu in	1 cu foot
27 cu ft	1 cu yard
128 cu ft	1 cord (wood)
40 cu ft	1 ton (shipping)
2,150.42 cu in	1 standard bushel
231 cu in	1 U.S. standard gallon
1 cu ft	about 4/5 of a bushel
1 cu ft	7.48 gallons

CUBIC MEASURE METRIC

1000 cubic millimeters	1 cubic centimeter
1000 cubic centimeters	1 cubic decimeter
1 cubic centimeter	1 milliliter

CUBIC MEASURE EQUIVALENTS

1 cubic inch	16.387 cu centimeters
1 cubic inch	0.016387 liter
1 cubic foot	0.028317 cubic meter
1 cubic yard	0.76455 cubic meter
1 cubic mile	4.16818 cubic kilometers
0.061023 cu inch	1 cubic centimeter
35.315 cubic feet	1 cubic meter
1.3079 cubic yard	1 cubic meter
0.23990 cubic mile	1 cubic kilometer

DRY VOLUME

DRY MEASURE EQUIVALENTS

1 teaspoon	4.9 milliliters
1 milliliter	0.204 teaspoons
1 cup	237 milliliters
1 milliliter	0.0042 cups
1 Tablespoon	14.8 milliliters
1 milliliter	0.0676 Tablespoons
1 quart	1.1012 liters
1 peck	8.8098 liters
1 bushel	35.239 liters
0.90808 quart	1 liter
0.11351 peck	1 liter
0.028378 bushel	1 liter

DRY MEASURE US

3 teaspoons	1 Tablespoon
16 Tablespoons	1 cup
2 cups	1 pint
2 pints	1 quart
8 quarts	1 peck
4 pecks	1 bushel

LIQUID VOLUME

LIQUID MEASURE US

50-60 drops	1 teaspoon
3 teaspoons	1 Tablespoon
2 Tablespoons	1 fluid ounce
8 fluid ounces	1 cup
2 pints	1 quart
4 quarts	1 gallon
31.5 gallons	1 barrel

LIQUID MEASURE EQUIVALENTS

1 fluid ounce	29.573 milliliters
1 quart	0.94635 liter
1 gallon	3.7854 liter
0.033814 fluid ounce	1 milliliter
1.0567 quarts	1 liter
0.26417 gallons	1 liter
61.024 cubic inches	1 liter
1 gallon	231 cubic inches

LIQUID CONVERSIONS

1 pt/100 gal	1 tsp/gal
1 qt/100 gal	2 tsp/gal
1 teaspoon	1/3 Tbsp, 1/6 ounce
1 Tablespoon	3 tsp, 1/2 ounce
1 fluid ounce	2 Tbsp, 6 tsp
1 cup	1/2 pint, 16 Tbsp, 48 tsp, 8 ounces
1 quart	2 pints, 4 cups, 64 Tbsp, 32 ounces
1 gallon	4 qts, 8 pints, 16 cups, 128 ounces

units of measure



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