

2024 - 2025

# young plants

grower calendar

## 2024

### JUL

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

### AUG

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

### SEP

	S	M	T	W	T	F	S
36	1	2	3	4	5	6	7
37	8	9	10	11	12	13	14
38	15	16	17	18	19	20	21
39	22	23	24	25	26	27	28
40	29	30					

### OCT

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

### NOV

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

### DEC

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

## 2025

### JAN

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

### FEB

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

### MAR

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

### APR

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

### MAY

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

### JUN

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

## 2025

### JUL

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

### AUG

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

### SEP

	S	M	T	W	T	F	S
36	1	2	3	4	5	6	
37	7	8	9	10	11	12	13
38	14	15	16	17	18	19	20
39	21	22	23	24	25	26	27
40	28	29	30				

### OCT

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

### NOV

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

### DEC

	S	M	T	W	T	F	S
49	1	2	3	4	5	6	
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51	14	15	16	17	18	19	20
52	21	22	23	24	25	26	27
1	28	29	30	31			

## EARLY ORDER DISCOUNT DEADLINES

Winter/Spring Liners	Oct 1, 2024
Winter/Spring Plugs	Nov 1, 2024
Mum & Aster Liners	Jan 15, 2025
Summer/Fall Plugs	May 30, 2025
Summer/Fall Liners	May 30, 2025
Winter/Spring Liners	Oct 1, 2025
Winter/Spring Plugs	Oct 31, 2025

## HOLIDAYS 2024 2025

New Year's Day	Jan 1	Jan 1
MLK Day ★	Jan 15	Jan 20
Valentine's Day	Feb 14	Feb 14
Family Day ★	Feb 19	Feb 17
Presidents' Day ★	Feb 19	Feb 17
St. Patrick's Day	Mar 17	Mar 17
Palm Sunday	Mar 24	Apr 13
Good Friday	Mar 29	Apr 18
Easter	Mar 31	Apr 20
Mother's Day	May 12	May 11
Victoria Day ★	May 20	May 19
Memorial Day ★	May 27	May 26
Father's Day	Jun 16	Jun 15
Canada Day ★	Jul 1	Jul 1
Independence Day ★	Jul 4	Jul 4
Civic Holiday ★	Aug 5	Aug 4
Labor Day	Sep 2	Sep 1
Thanksgiving ★	Oct 14	Oct 13
Columbus Day ★	Oct 14	Oct 13
Veterans Day ★	Nov 11	Nov 11
Remembrance Day ★	Nov 11	Nov 11
Thanksgiving ★	Nov 28	Nov 27
Christmas	Dec 25	Dec 25

# units of measure



## 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



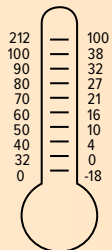
## TEMPERATURE

### 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:  $\text{ppm desired} \div 75 \div \text{decimal expression of nutrient desired} = \text{oz of fertilizer to use in 100 gals water}$ .

**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	.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