



*Great Service
to Growers Worldwide
Since 1934*

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2018

2019

WK.	JANUARY							WK.	JULY						
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
1		1	2	3	4	5	6	27	1	2	3	4	5	6	7
2	7	8	9	10	11	12	13	28	8	9	10	11	12	13	14
3	14	15	16	17	18	19	20	29	15	16	17	18	19	20	21
4	21	22	23	24	25	26	27	30	22	23	24	25	26	27	28
5	28	29	30	31				31	29	30	31				
FEBRUARY							AUGUST								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
6	4	5	6	7	8	9	10	32	5	6	7	8	9	10	11
7	11	12	13	14	15	16	17	33	12	13	14	15	16	17	18
8	18	19	20	21	22	23	24	34	19	20	21	22	23	24	25
9	25	26	27	28				35	26	27	28	29	30	31	
MARCH							SEPTEMBER								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
10	4	5	6	7	8	9	10	36	2	3	4	5	6	7	8
11	11	12	13	14	15	16	17	37	9	10	11	12	13	14	15
12	18	19	20	21	22	23	24	38	16	17	18	19	20	21	22
13	25	26	27	28	29	30	31	39	23	24	25	26	27	28	29
APRIL							OCTOBER								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
14	1	2	3	4	5	6	7	40	7	8	9	10	11	12	13
15	8	9	10	11	12	13	14	41	14	15	16	17	18	19	20
16	15	16	17	18	19	20	21	42	21	22	23	24	25	26	27
17	22	23	24	25	26	27	28	43	28	29	30	31			
18	29	30						44	28	29	30	31			
MAY							NOVEMBER								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
19	6	7	8	9	10	11	12	45	4	5	6	7	8	9	10
20	13	14	15	16	17	18	19	46	11	12	13	14	15	16	17
21	20	21	22	23	24	25	26	47	18	19	20	21	22	23	24
22	27	28	29	30	31			48	25	26	27	28	29	30	
JUNE							DECEMBER								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
23	3	4	5	6	7	8	9	49	2	3	4	5	6	7	8
24	10	11	12	13	14	15	16	50	9	10	11	12	13	14	15
25	17	18	19	20	21	22	23	51	16	17	18	19	20	21	22
26	24	25	26	27	28	29	30	52	23	24	25	26	27	28	29
								1	30	31					

WK.	JANUARY							WK.	JULY						
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
1		1	2	3	4	5	6	27	1	2	3	4	5	6	7
2	6	7	8	9	10	11	12	28	7	8	9	10	11	12	13
3	13	14	15	16	17	18	19	29	14	15	16	17	18	19	20
4	20	21	22	23	24	25	26	30	21	22	23	24	25	26	27
5	27	28	29	30	31			31	28	29	30	31			
FEBRUARY							AUGUST								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
6	3	4	5	6	7	8	9	32	4	5	6	7	8	9	10
7	10	11	12	13	14	15	16	33	11	12	13	14	15	16	17
8	17	18	19	20	21	22	23	34	18	19	20	21	22	23	24
9	24	25	26	27	28			35	25	26	27	28	29	30	31
MARCH							SEPTEMBER								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
10	3	4	5	6	7	8	9	36	1	2	3	4	5	6	7
11	10	11	12	13	14	15	16	37	8	9	10	11	12	13	14
12	17	18	19	20	21	22	23	38	15	16	17	18	19	20	21
13	24	25	26	27	28	29	30	39	22	23	24	25	26	27	28
	31							40	29	30					
APRIL							OCTOBER								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
14	7	8	9	10	11	12	13	41	6	7	8	9	10	11	12
15	14	15	16	17	18	19	20	42	13	14	15	16	17	18	19
16	21	22	23	24	25	26	27	43	20	21	22	23	24	25	26
17	28	29	30					44	27	28	29	30	31		
MAY							NOVEMBER								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
19	5	6	7	8	9	10	11	45	3	4	5	6	7	8	9
20	12	13	14	15	16	17	18	46	10	11	12	13	14	15	16
21	19	20	21	22	23	24	25	47	17	18	19	20	21	22	23
22	26	27	28	29	30	31		48	24	25	26	27	28	29	30
JUNE							DECEMBER								
	S	M	T	W	T	F	S		S	M	T	W	T	F	S
23	2	3	4	5	6	7	8	49	1	2	3	4	5	6	7
24	9	10	11	12	13	14	15	50	8	9	10	11	12	13	14
25	16	17	18	19	20	21	22	51	15	16	17	18	19	20	21
26	23	24	25	26	27	28	29	52	22	23	24	25	26	27	28
	30	31						1	29	30	31				

FLOWER HOLIDAY CALENDAR

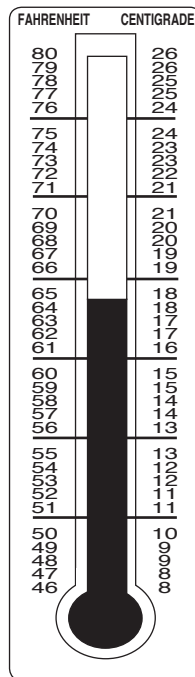
Year	Valentine's Day	Easter	Admin. Assistants' Day	Mother's Day	Memorial Day	Sweetest Day	Halloween	Thanks-giving	Hanukkah	Christmas
2018	February 14	April 1	April 25	May 13	May 28	October 20	October 31	November 22	December 3	December 25
2019	February 14	April 21	April 24	May 12	May 27	October 19	October 31	November 28	December 23	December 25
2020	February 14	April 12	April 22	May 10	May 25	October 17	October 31	November 26	December 11	December 25

GROWTH REGULATORS AS SPRAYS			*Check Label for Drench Rate Application		Mixing Amount per 10 Gallons of Water	
SPRAY 1 GALLON OF SOLUTION PER 200 SQUARE FEET OF BENCH AREA						
Active Ingredient (percent)	Brand	Mixing Concentration (ppm)	Fluid oz.	ml	Dry oz.	
Ancymidol (0.0264%)	ABIDE / A-REST	25	121.2	3584.3		
Benzyladenine (2%)	CONFIGURE	100	6.4	189.3	-	
Benzyladenine (1.8%) + Gibberellin (1.8%)	FASCINATION /FRESCO	10/10	0.7	21.0	-	
Chlormequat chloride (11.8%)	CITADEL / CYCOCEL	1500	16.3	481.1	-	
Daminozide (85%)	B-NINE SP / DAZIDE	2500	-	-	3.93	
Dikegulac-sodium (18.5%)	AUGEO	400	2.5	73.0	-	
Ethephon (3.9%)	FLOREL	500	16.4	485.3	-	
Ethephon (21.7%)	COLLATE	500	2.95	87.2	-	
Flurprimidol (0.38%)	TOPFLOR	10	3.37	99.6	-	
Paclobutrazol (0.4%)	BONZI / PACZOL / PICCOLO	10	3.2	94.6	-	
Paclobutrazol (4%)	PICCOLO 10XC	10	0.32	9.46	-	
Uniconazole (0.055%)	CONCISE /SUMAGIC	5	11.6	344.1	-	

*Check Label for Application Rates		INSECTICIDES & FUNGICIDES - MEASUREMENT TIPS		*Check Label for Registered Uses	
Rate per 100 gal. unless specified otherwise.					
AFFIRM WDG	0.25-0.5 lb.	MARATHON II (spray)	1.7 fl. oz.		
AKARI	16 fl. oz. - 24 fl. oz.	MESUROL	8 oz. to 16 oz.		
ARIA	1 - 6 pkts.	MILSTOP	1.25 lbs. to 5.0 lbs.		
AVID	4 fl. oz. to 8 fl. oz.	MOLT-X	8 fl. oz. to 22.5 fl. oz. per acre		
AZA-DIRECT	1 pt. to 3.5 pt. per acre	OVERTURE 35 WP	4 pkt. (8 oz.)		
BANROT 40WP (drench)	4 oz. to 12 oz.	PAGEANT	4 oz. to 18 oz.		
BOTANIGARD 11.3ES	16 fl. oz. to 64 fl. oz.	PYLON	2.6 fl. oz. - 10 fl. oz.		
CLEARY'S 3336 F	8 oz. to 24 oz.	SANMITE	4 to 6 bags		
CONSERVE SC	6 fl. oz. to 22 fl. oz.	SAFARI 20SG (drench)	12 oz. - 24 oz.		
DECREE	0.75 to 1.5 lbs.	SHUTTLE O	6.4 fl. oz. - 12.8 fl. oz.		
DISTANCE	6 fl. oz. to 12 fl. oz.	SUFFOIL-X	1 gal. - 2 gal.		
ENDEAVOR	2.5 oz. to 5 oz.	SULTAN MITICIDE	13.7 fl. oz.		
FLORAMITE SC	4 fl. oz. to 8 fl. oz.	TALSTAR S SELECT	5 fl. oz. - 20 fl. oz.		
HERITAGE FUNGICIDE	1 oz. to 4 oz.	TALUS 70DF (not approved for Long Island)	6 oz. to 14 oz. per acre		
JUDO	1 fl. oz. - 4 fl. oz.	TERRAGUARD SC	2 fl. oz. to 16 fl. oz.		
KONTOS (spray)	1.7 fl. oz. to 3.4 fl. oz.	TETRASAN	8 oz. - 16 oz.		
M-PEDE	1 gal. to 2 gal.	TRISTAR 8.5SL	4 fl. oz. - 25.3 fl. oz.		
MAINSRING GNL (drench)	8 fl. oz. - 12 fl. oz.	ULTRA-PURE OIL	0.5 gal. to 1 gal.		

APPROX. RATES OF APPLICATION		
Amount	To Area	Equals Equivalent Of
1 Ounce	Sq. Foot	2722 lbs. per acre
1 Ounce	Sq. Yard	302.5 lbs. per acre
1 Ounce	100 Sq. Feet	27.2 lbs. per acre
1 Pound	100 Sq. Feet	435.6 lbs. per acre
1 Pound	1000 Sq. Feet	43.6 lbs. per acre
1 Pound	Acre	1/3 oz. per 1000 sq. ft.
5 Gal.	Acre	1 pint per 1000 sq. ft.
100 Gals.	Acre	2.5 gallons per 1000 sq. ft.
100 Gals.	Acre	1 quart per 100 sq. ft.
100 Pounds	Acre	2.5 pounds per 1000 sq. ft.

METRIC CONVERSIONS		
To Convert From	To Obtain	Multiply By
Centimeters	Feet	.03281
Centimeters	Inches	.3937
Meters	Feet	3.281
Meters	Yards	1.094
Feet	Meters	.3048
Square Meters	Square Feet	10.7638
Square Meters	Square Yards	1.196
Milliliters	Ounces (fluid)	.03381
Gallons	Liters	3.7853
Liters	Fl. Oz.	33.814
Liters	Quarts	1.0567
Liters	Gallons	.2642
Kilograms	Pounds	2.20462
Ounces	Grams	28.3495
Tablespoons (dry)	Ounces	.3333
Hectares	Acres	2.471



LIQUID CONVERSIONS	
1 Pint/100 gallons	= 1 tsp./gallon
1 Quart/100 gallons	= 2 tsp./gallon
1 Teaspoon	= 1/3 Tbsp. or 1/6 oz.
1 Tablespoon	= 3 tsp. or 1/2 oz.
1 Fluid ounce	= 2 Tbsp. or 6 tsp.
1 Cup	= 8 oz., 1/2 pint, 16 Tbsp., 48 tsp.
1 Quart	= 32 oz., 4 cups, 2 pints, 64 Tbsp.
1 Gallon	= 4 quarts, 8 pints, 16 cups, 128 ounces

PARTS PER MILLION

To determine Parts Per Million (ppm) of an element in 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.

For instance, how much 20-20-20 fertilizer should you use to get a 200 ppm nitrogen solution?

EXAMPLE: $0.20 \times 75 = 15$ ppm (% nitrogen in fertilizer multiplied by 75). Therefore you need $200 \div 15 = 13.3$ oz (desired ppm solution divided by ppm per ounce).

13.3 oz. of 20-20-20 are required to produce a 200 ppm nitrogen solution in 100 gallons of water.

TEMPERATURE CONVERSIONS

To convert Fahrenheit to Centigrade (Celsius):
 Subtract 32 and multiply by .55,
 thus $68^\circ\text{F} = 20^\circ\text{C}$

To convert Centigrade to Fahrenheit:
 Multiply by 1.8 and add 32,
 thus $60^\circ\text{C} = 140^\circ\text{F}$.

• This list is presented for information only. No endorsement is intended for products mentioned, nor is criticism meant for products not mentioned. Before purchasing and using any pesticides or growth regulators, you must check all labels for registered use, ratios and application frequency.