



Blending Charts for Adding Nulex[®] Liquid Zinc to 10-34-0 and 7-21-7

COMMENTS:

- Use the following charts to determine the correct ratio of Nulex Liquid Zinc to products like 10-34-0 and 7-21-7.
- The charts are based on 20-to-1, phosphorus to zinc ratio.
- The second column (Minimum 10-34-0/7-21-7 Gallons per Acre) is the minimum amount of 10-34-0 or 7-21-7 that must be applied per acre to sequester, or hold, the given amount of Nulex in solution. Nulex and ammonium polyphosphates, such as 10-34-0 or 7-21-7, are very compatible but ammonium polyphosphates only have the ability to hold a given amount of zinc metal. This given amount corresponds to a 20-parts phosphorus to a 1-part zinc ratio. If this ratio exceeds 20-to-1, a zinc compound will precipitate from the solution.

EXAMPLE:

On the 10-34-0 Blend Chart locate 0.5 under the “Pounds of Actual Zinc per Acre.” The 0.5 represents the amount of actual zinc you have determined your field needs. Move one column to the right. The “Minimum 10-34-0 Gallons per Acre” you must use is 3 gallons per acre—although you may use more 10-34-0. At least that amount will hold Nulex in solution. If you use Nulex 10%; 0.49 gallons, or 2.0 quarts, per acre is needed. Since Nulex 10% weighs 10.2 pounds per gallon, you would use 5 pounds of Nulex.

QUICK STATS:

- 10-34-0 weighs 11.7 lbs/gallon. Each gallon contains 3.98 pounds of actual phosphorus.
- 7-21-7 weighs 11.2 lbs/gallon. Each gallon contains 2.35 pounds of actual phosphorus.
- Nulex 10% weighs 10.2 lbs/gallon. Each gallon contains 1.02 pounds of actual zinc.
- Nulex 15% weighs 11.2 lbs/gallon. Each gallon contains 1.68 pounds of actual zinc.
- Nulex 20% weighs 11.4 lbs/gallon. Each gallon contains 2.28 pounds of actual zinc.

Nulex® Liquid Zinc / 10-34-0 Blend Chart

		Maximum amount of Nulex that can be added to the corresponding amount of 10-34-0								
		Nulex 10%			Nulex 15%			Nulex 20%		
Desired pounds of Actual Zinc Metal per Acre	Minimum 10-34-0 Gallons per Acre	Gallons per Acre	Quarts per Acre	Pounds per Acre	Gallons per Acre	Quarts per Acre	Pounds per Acre	Gallons per Acre	Quarts per Acre	Pounds per Acre
0.2	1	0.20	0.8	2	0.12	0.5	1	0.09	0.4	1
0.3	2	0.29	1.2	3	0.18	0.7	2	0.13	0.5	2
0.4	2	0.39	1.6	4	0.24	1.0	3	0.18	.07	2
0.5	3	0.49	2.0	5	0.30	1.2	3	0.22	0.9	3
0.6	3	0.59	2.4	6	0.36	1.4	4	0.26	1.1	3
0.7	4	0.69	2.8	7	0.42	1.7	5	0.31	1.2	4
0.8	4	0.79	3.1	8	0.48	0.19	5	0.35	1.4	4
0.9	5	0.88	3.5	9	0.54	2.1	6	0.39	1.6	5
1.0	5	0.98	3.9	10	0.60	2.4	7	0.44	1.8	5
1.2	6	1.18	4.7	12	0.71	2.9	8	0.53	2.1	6
1.4	7	1.38	5.5	14	0.83	3.3	9	0.61	2.5	7
1.6	8	1.57	6.3	16	0.95	3.8	11	0.70	2.8	8
1.8	9	1.77	7.1	18	1.07	4.3	12	0.79	3.2	9
2.0	10	1.96	7.9	20	1.19	4.8	13	0.88	3.5	10
2.5	13	2.46	9.8	25	1.49	6.0	17	1.10	4.4	13
3.0	15	2.95	11.8	30	1.79	7.1	20	1.32	5.3	15
3.5	18	3.44	13.8	35	2.08	8.3	23	1.54	6.1	18
4.0	20	3.93	15.7	40	2.38	9.5	27	1.75	7.0	20
4.5	23	4.42	17.7	45	2.68	10.7	30	1.97	7.9	23
5.0	25	4.91	19.6	50	2.98	11.9	33	2.19	8.8	25
5.5	28	5.40	21.6	55	3.27	13.1	37	2.41	9.6	28

Nulex® Liquid Zinc / 7-21-7 Blend Chart

		Maximum amount of Nulex that can be added to the corresponding amount of 7-21-7								
		Nulex 10%			Nulex 15%			Nulex 20%		
Desired pounds of Actual Zinc Metal per Acre	Minimum 10-34-0 Gallons per Acre	Gallons per Acre	Quarts per Acre	Pounds per Acre	Gallons per Acre	Quarts per Acre	Pounds per Acre	Gallons per Acre	Quarts per Acre	Pounds per Acre
0.2	2	0.20	0.8	2	0.12	0.5	1	0.09	0.4	1
0.3	3	0.29	1.2	3	0.18	0.7	2	0.13	0.5	2
0.4	3	0.39	1.6	4	0.24	1.0	3	0.18	0.7	2
0.5	4	0.49	2.0	5	0.30	1.2	3	0.22	0.9	3
0.6	5	0.59	2.4	6	0.36	1.4	4	0.26	1.1	3
0.7	6	0.69	2.8	7	0.42	1.7	5	0.31	1.2	4
0.8	7	0.79	3.1	8	0.48	1.9	5	0.35	1.4	4
0.9	8	0.88	3.5	9	0.54	2.1	6	0.39	1.6	5
1.0	9	0.98	3.9	10	0.60	2.4	7	0.44	1.8	5
1.2	10	1.18	4.7	12	0.71	2.9	8	0.53	2.1	6
1.4	12	1.38	5.5	14	0.83	3.3	9	0.61	2.5	7
1.6	14	1.57	6.3	16	0.95	3.8	11	0.70	2.8	8
1.8	15	1.77	7.1	18	1.07	4.3	12	0.79	3.2	9
2.0	17	1.96	7.9	20	1.19	4.8	13	0.88	3.5	10
2.5	21	2.46	9.8	25	1.49	6.0	17	1.10	4.4	13
3.0	26	2.95	11.8	30	1.79	7.1	20	1.32	5.3	15
3.5	30	3.44	13.8	35	2.08	8.3	23	1.54	6.1	18
4.0	34	3.93	15.7	40	2.38	9.5	27	1.75	7.0	20
4.5	38	4.42	17.7	45	2.68	10.7	30	1.97	7.9	23
5.0	43	4.91	19.6	50	2.98	11.9	33	2.19	8.8	25
5.5	47	5.40	21.6	55	3.27	13.1	37	2.41	9.6	28