

NITRO BAR RATE CHART 20-INCH SPACING

ORANGE ADAPTER #1040753

US GALLONS PER ACRE (28-0-0) 3 LBS N/GALLON
SPEED IN MILES PER HOUR

PRESSURE PSI	US GAL	US GAL	5	6	7	8	9	10
	PER MIN WATER	PER/MIN FERTILIZER						
20	0.188	0.17	9.9	8.2	7.1	6.2	5.5	4.9
25	0.210	0.19	11.0	9.2	7.9	6.9	6.1	5.5
30	0.230	0.20	12.1	10.1	8.6	7.6	6.7	6.0
35	0.249	0.22	13.1	10.9	9.3	8.2	7.3	6.5
40	0.266	0.24	14.0	11.7	10.0	8.7	7.8	7.0
45	0.282	0.25	14.8	12.4	10.6	9.3	8.2	7.4
50	0.297	0.26	15.6	13.0	11.2	9.8	8.7	7.8
55	0.311	0.28	16.3	13.6	11.7	10.2	9.1	8.2
60	0.325	0.29	17.1	14.2	12.2	10.7	9.5	8.5

RED ADAPTER #1040740

US GALLONS PER ACRE (28-0-0) 3 LBS N/GALLON
SPEED IN MILES PER HOUR

PRESSURE PSI	US GAL	US GAL	5	6	7	8	9	10
	PER MIN WATER	PER/MIN FERTILIZER						
20	0.342	0.30	18.0	15.0	12.8	11.2	10.0	9.0
25	0.383	0.34	20.1	16.8	14.4	12.6	11.2	10.1
30	0.419	0.37	22.0	18.4	15.7	13.8	12.2	11.0
35	0.453	0.40	23.8	19.8	17.0	14.9	13.2	11.9
40	0.484	0.43	25.4	21.2	18.2	15.9	14.1	12.7
45	0.513	0.45	27.0	22.5	19.3	16.9	15.0	13.5
50	0.541	0.48	28.4	23.7	20.3	17.8	15.8	14.2
55	0.567	0.50	29.8	24.8	21.3	18.6	16.6	14.9
60	0.592	0.52	31.1	25.9	22.2	19.4	17.3	15.6

BLUE ADAPTER #1040741

US GALLONS PER ACRE (28-0-0) 3 LBS N/GALLON
SPEED IN MILES PER HOUR

PRESSURE PSI	US GAL	US GAL	5	6	7	8	9	10
	PER MIN WATER	PER/MIN FERTILIZER						
20	0.554	0.49	29.1	24.3	20.8	18.2	16.2	14.6
25	0.620	0.55	32.6	27.2	23.3	20.4	18.1	16.3
30	0.679	0.60	35.7	29.7	25.5	22.3	19.8	17.8
35	0.733	0.65	38.5	32.1	27.5	24.1	21.4	19.3
40	0.784	0.69	41.2	34.3	29.4	25.8	22.9	20.6
45	0.832	0.74	43.7	36.4	31.2	27.3	24.3	21.9
50	0.877	0.78	46.1	38.4	32.9	28.8	25.6	23.1
55	0.920	0.81	48.4	40.3	34.5	30.2	26.9	24.2
60	0.960	0.85	50.5	42.1	36.0	31.5	28.0	25.2

YELLOW ADAPTER #1040742

US GALLONS PER ACRE (28-0-0) 3 LBS N/GALLON
SPEED IN MILES PER HOUR

PRESSURE PSI	US GAL PER MIN WATER	US GAL PER/MIN FERTILIZER	5	6	7	8	9	10
20	0.806	0.71	42.4	35.3	30.3	26.5	23.5	21.2
25	0.901	0.80	47.4	39.5	33.8	29.6	26.3	23.7
30	0.987	0.87	51.9	43.2	37.1	32.4	28.8	25.9
35	1.07	0.95	56.2	46.9	40.2	35.2	31.2	28.1
40	1.14	1.01	59.9	49.9	42.8	37.5	33.3	30.0
45	1.21	1.07	63.6	53.0	45.4	39.8	35.3	31.8
50	1.28	1.13	67.3	56.1	48.1	42.1	37.4	33.6
55	1.34	1.19	70.4	58.7	50.3	44.0	39.1	35.2
60	1.40	1.24	73.6	61.3	52.6	46.0	40.9	36.8

GREEN ADAPTER #1040743

US GALLONS PER ACRE (28-0-0) 3 LBS N/GALLON
SPEED IN MILES PER HOUR

PRESSURE PSI	US GAL PER MIN WATER	US GAL PER/MIN FERTILIZER	5	6	7	8	9	10
20	1.08	0.96	56.8	47.3	40.6	35.5	31.5	28.4
25	1.20	1.06	63.1	52.6	45.1	39.4	35.0	31.5
30	1.32	1.17	69.4	57.8	49.6	43.4	38.5	34.7
35	1.43	1.27	75.2	62.6	53.7	47.0	41.8	37.6
40	1.52	1.35	79.9	66.6	57.1	49.9	44.4	40.0
45	1.61	1.42	84.6	70.5	60.5	52.9	47.0	42.3
50	1.70	1.50	89.4	74.5	63.8	55.9	49.6	44.7
55	1.78	1.58	93.6	78.0	66.8	58.5	52.0	46.8
60	1.87	1.65	98.3	81.9	70.2	61.4	54.6	49.1

The Nitro Bar has been developed to optimize nitrogen application. To achieve the best results, we suggest the following:

- * Continually watch for consistent nitrogen streams, breaking of the stream will not provide optimal results
- * Do not use if wind is causing steam to break up
- * Do not travel at more than 10 mph
- * Do not use more than 40 PSI pressure