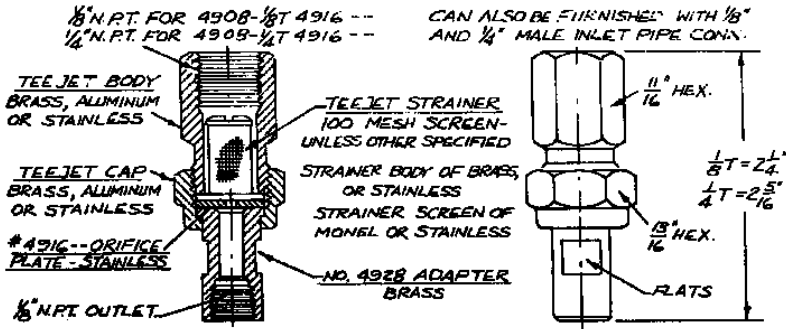
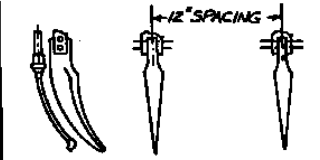


REGULATOR WITH ORIFICE PLATE NO.	PRESSURE IN P.S.I.	CAPACITY IN G.P.A.	GALLONS PER ACRE AT VARIOUS RIG SPEEDS BASED ON SPRAYING WATER AT 12" NOZZLE SPACING					REGULATOR WITH ORIFICE PLATE NO.	PRESSURE IN P.S.I.	CAPACITY IN G.P.A.	GALLONS PER ACRE AT VARIOUS RIG SPEEDS BASED ON SPRAYING WATER AT 12" NOZZLE SPACING						
			2.5 M.P.H.	3 M.P.H.	4 M.P.H.	6 M.P.H.	8 M.P.H.				10 M.P.H.	2.5 M.P.H.	3 M.P.H.	4 M.P.H.	6 M.P.H.	8 M.P.H.	10 M.P.H.
4916-14	15	.016	3.1	2.6	1.9	1.3	1.0	.77	4916-35	15	.096	19.0	15.8	12.0	7.9	5.9	4.8
	20	.018	3.5	3.0	2.2	1.5	1.1	.88		20	.111	22	18.2	13.7	9.1	6.9	5.5
	25	.020	4.0	3.3	2.5	1.7	1.2	.99		25	.124	25	20	15.3	10.2	7.7	6.1
	30	.022	4.3	3.6	2.7	1.8	1.4	1.1		30	.136	27	22	16.8	11.2	8.4	6.7
	40	.025	5.0	4.2	3.1	2.1	1.6	1.3		40	.157	31	26	19.4	12.9	9.7	7.8
50	.028	5.6	4.7	3.5	2.3	1.8	1.4	50	.175	35	29	22	14.5	10.8	8.7		
4916-15	15	.018	3.5	2.9	2.2	1.4	1.1	.87	4916-37	15	.105	21	17.3	13.0	8.7	6.5	5.2
	20	.020	4.0	3.3	2.5	1.7	1.3	1.0		20	.121	24	20	15.0	10.0	7.5	6.0
	25	.023	4.5	3.7	2.8	1.9	1.4	1.1		25	.136	27	22	16.8	11.2	8.4	6.7
	30	.025	4.9	4.1	3.1	2.0	1.5	1.2		30	.149	29	25	18.4	12.3	9.2	7.4
	40	.029	5.7	4.7	3.5	2.4	1.8	1.4		40	.171	34	28	21	14.1	10.6	8.5
50	.032	6.3	5.3	4.0	2.6	2.0	1.6	50	.192	38	32	24	15.8	11.9	9.5		
4916-16	15	.020	4.0	3.3	2.5	1.7	1.2	.99	4916-41	15	.129	26	21	16.0	10.6	8.0	6.4
	20	.023	4.6	3.8	2.9	1.9	1.4	1.1		20	.149	29	25	18.4	12.3	9.2	7.4
	25	.026	5.1	4.3	3.2	2.1	1.6	1.3		25	.167	33	27	21	13.7	10.3	8.2
	30	.028	5.6	4.7	3.5	2.3	1.8	1.4		30	.182	36	30	23	15.0	11.3	9.0
	40	.033	6.5	5.4	4.1	2.7	2.0	1.6		40	.211	42	35	26	17.4	13.0	10.4
50	.037	7.2	6.0	4.5	3.0	2.3	1.8	50	.236	47	39	29	19.4	14.6	11.7		
4916-18	15	.026	5.0	4.2	3.2	2.1	1.6	1.3	4916-43	15	.141	28	23	17.4	11.6	8.7	7.0
	20	.030	5.9	4.9	3.7	2.5	1.8	1.5		20	.163	32	27	20	13.4	10.1	8.1
	25	.033	6.5	5.5	4.1	2.7	2.0	1.6		25	.182	36	30	23	15.0	11.3	9.0
	30	.036	7.2	6.0	4.5	3.0	2.2	1.8		30	.199	39	33	25	16.5	12.3	9.9
	40	.042	8.3	7.0	5.2	3.4	2.6	2.1		40	.230	46	38	28	19.0	14.2	11.4
50	.047	9.3	7.9	5.8	3.9	2.9	2.3	50	.257	51	42	32	21	15.9	12.7		
4916-20	15	.032	6.3	5.2	3.9	2.6	2.0	1.6	4916-46	15	.165	33	27	20	13.6	10.2	8.2
	20	.037	7.3	6.1	4.5	3.0	2.3	1.8		20	.191	38	31	24	15.7	11.8	9.4
	25	.041	8.1	6.8	5.1	3.4	2.5	2.0		25	.213	42	35	26	17.6	13.2	10.5
	30	.045	8.9	7.4	5.6	3.7	2.8	2.2		30	.233	46	38	29	19.2	14.4	11.5
	40	.052	10.3	8.6	6.4	4.3	3.2	2.6		40	.269	53	44	33	22	16.7	13.3
50	.058	11.5	9.5	7.2	4.8	3.6	2.9	50	.301	60	50	37	25	18.6	14.9		
4916-24	15	.045	9.0	7.5	5.6	3.7	2.8	2.2	4916-52	15	.205	41	34	25	16.9	12.7	10.1
	20	.052	10.3	8.6	6.5	4.3	3.2	2.6		20	.236	47	39	29	19.5	14.6	11.7
	25	.058	11.6	9.6	7.2	4.8	3.6	2.9		25	.265	52	44	33	22	16.4	13.1
	30	.064	12.7	10.6	7.9	5.3	4.0	3.2		30	.290	57	48	36	24	17.9	14.4
	40	.074	14.6	12.2	9.1	6.1	4.6	3.7		40	.335	66	55	41	28	21	16.6
50	.083	16.4	13.6	10.2	6.8	5.1	4.1	50	.374	74	62	46	31	23	18.5		
4916-29	15	.066	13.0	10.8	8.1	5.4	4.1	3.3	4916-55	15	.231	46	38	29	19.0	14.3	11.4
	20	.076	15.0	12.5	9.4	6.3	4.7	3.8		20	.266	53	44	33	22	16.5	13.2
	25	.085	16.8	14.0	10.5	7.0	5.2	4.2		25	.298	59	49	37	25	18.4	14.7
	30	.093	18.4	15.3	11.5	7.7	5.8	4.6		30	.326	65	54	40	27	20	16.1
	40	.107	21	17.7	13.3	8.9	6.6	5.3		40	.376	75	62	47	31	23	18.6
50	.120	24	19.8	14.9	9.9	7.4	5.9	50	.421	83	69	52	35	26	21		
4916-32	15	.082	16.3	13.8	10.2	6.8	5.1	4.1	4916-59	15	.266	52	44	33	22	16.4	13.1
	20	.095	18.8	15.7	11.7	7.8	5.9	4.7		20	.306	61	50	38	25	18.9	15.1
	25	.106	21	17.5	13.1	8.8	6.6	5.3		25	.342	68	56	42	28	21	16.9
	30	.116	23	19.2	14.4	9.6	7.2	5.8		30	.375	74	62	46	31	23	18.5
	40	.134	27	22	16.6	11.1	8.3	6.6		40	.433	86	71	54	36	27	21
50	.150	30	25	18.6	12.4	9.3	7.4	50	.484	96	80	60	40	30	24		



WHEN ORDERING BE SURE TO SPECIFY MATERIALS DESIRED
NO. 4908--T 4916--TEEJET FLOW REGULATOR



TABULATION AT LEFT SHOWS WATER GALLAGES AT VARIOUS RIG SPEEDS AND PRESSURES AT 12" SPACING

TO CONVERT TABULATED WATER GALLAGES INTO GALLONS PER ACRE OF FUMIGANT - MULTIPLY THE TABULATED VALUE BY THE PROPER CONVERSION FACTOR SHOWN BELOW.
EXAMPLE: FOR VAPAM AT 20" SPACING, 4 M.P.H., 20 P.S.I., USING # 4916-20 - TABULATION SHOWS 4.5 G.P.A. OF WATER. VAPAM FACTOR AT 20" SPACING = .52 ∴ VAPAM G.P.A. = 4.5 x .52 = 2.3

CONVERSION FACTORS FOR OTHER FUMIGANTS SUPPLIED ON REQUEST. SUBMIT SPECIFIC GRAVITY INFORMATION AT TEMPERATURE OF 72°F.

CONVERSION FACTORS - TO ADJUST TABULATED GALLONS PER ACRE FOR DIFFERENT FUMIGANTS AND SPACINGS						
SOIL FUMIGANT	SPACING	8"	10"	12"	20"	40"
D-D (SHELL)	FACTOR	1.36	1.09	.91	.55	.27
DOW-FUME W-40	FACTOR	1.5	1.2	1.0	.60	.30
DOW-FUME W-85	FACTOR	1.12	.90	.75	.45	.23
NEMAGONE-100%	FACTOR	1.05	.84	.70	.42	.27
NEMAGONE-25%	FACTOR	1.42	1.14	.95	.57	.28
ORTHO-FUME 85	FACTOR	1.15	.92	.77	.46	.23
VAPAM 4-5	FACTOR	1.29	1.03	.86	.52	.26
DORLONE	FACTOR	1.30	1.04	.87	.52	.26
TELONE	FACTOR	1.35	1.08	.90	.54	.27
CHLOROPICRIN	FACTOR	1.17	.94	.78	.47	.23
FUMAZONE	FACTOR	1.42	1.14	.95	.57	.28

DESCRIPTION:
CONVERSION CHART FOR SOIL FUMIGATION USING TEEJET FLOW REGULATORS

Spraying Systems Co.
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No.	Data Sheet No.
Ref.	6744
	SHEET OF