

PRACTICAL RESEARCH

For association members who are very much interested in "on the job experimental work", the following layout of experimental plots, involving the study of chickweed eradication with 2, 4-D materials, is printed for the benefit of all members.

The plots were arranged by Dr. R. F. Fuelleman, Associate Professor, of the College of Agriculture, University of Illinois.

The rates of 2, 4-D material as recommended by Dr. Fuelleman should be observed only as an experiment and should not be considered a "CURE ALL" until the final analysis has proven successful under various situations and conditions.

For further information, contact our association turf committee:

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STUDIES OF CHICKWEED ERADICATION WITH 2, 4-D MATERIALS

Fairway Plots 6' x 50' - all rates acid equivalent

1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40

TREATMENTS

- A. Plots 1, 10, 22, 25
 $\frac{1}{2}$ pound AMINE in 100 gallons of water per acre immediately after mowing.
- B. Plots 2, 9, 20, 30
Checks. No treatment. Mow as usual.
- C. Plots 3, 15, 27, 31
 $\frac{1}{2}$ pound SODIUM SALT in 100 gallons of water per acre immediately after mowing.
- D. Plots 4, 17, 23, 28
 $1\frac{1}{2}$ pounds AMINE per acre as above.
- E. Plots 5, 11, 16, 21
 $1\frac{1}{2}$ pounds SODIUM SALT as above.
- F. Plots 6, 24, 32, 38
Same as (A) using low gallonage and low pressure.
- G. Plots 7, 14, 19, 36
Same as (C) using low gallonage and low pressure.
- H. Plots 8, 33, 40, 18
 $\frac{1}{2}$ pound AMINE per acre 40 hours after mowing. Repeat applications at 3 week intervals.
- I. Plots 12, 26, 29, 37
 $\frac{1}{2}$ pound SODIUM SALT per acre 48 hours after mowing. Repeat at 3 week intervals.
- J. Plots 13, 29, 34, 37
Same as (H) plus NITROGEN fertilizer.