

Ky. Weed Control Researchers List Materials for Turf Work

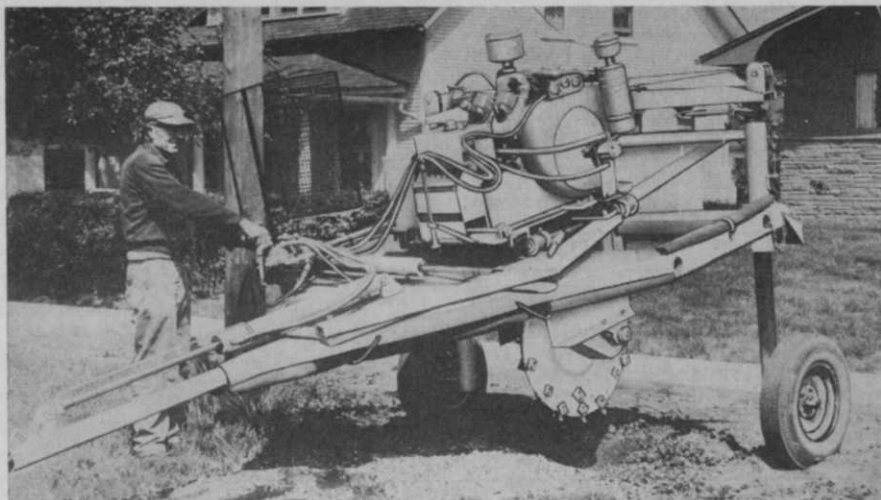
Materials used last season for control of grass and broadleaf weeds in turf were discussed recently by James Herron, University of Kentucky Agricultural Experiment Station weed control specialist.

Here are the findings, with emphasis on recommended materials, test data, and promising materials:

Crabgrass: (Preemergence) Betasan was the most promising new material of several used in this category. Dacthal will be the recommended material this year, as well as Bandane, Zytron, and calcium arsenate. Herron thinks preemergence treatments are best.

Postemergence: Not considered the best way to control crabgrass, but nevertheless frequently used. Materials containing disodium or amine methyl arsenates will be recommended.

Nimblewill: Liquid Zytron did best in tests and will be the recommended material again. Lorox



Vermeer's new stump cutter, powered with a 60-hp engine, is capable of ripping out stumps down to 15 inches below the ground, according to the Vermeer Mfg. Co., Pella, Iowa. The firm now offers six different models from 18 to 60 hp. The new Model 1560 has easy maneuverability for handling in enclosed areas.

at low rates showed some promise, with top kill of nimblewill and no injury to adjacent bluegrass.

Knotweed (Broadleaf of the smartweed family): Dicamba and Zytron appear most promising. When applied in 1962 these materials still had some residual effect in 1963 tests. Tordon, used

at low rates, showed some promise and will be checked out at higher rates.

Chickweed and henbit: Amine and Lithate, formulations of the old standby, 2,4-D, controlled henbit but not chickweed. Silvex, Dicamba, and Kloben gave good control of chickweed when used in postemergence fashion.

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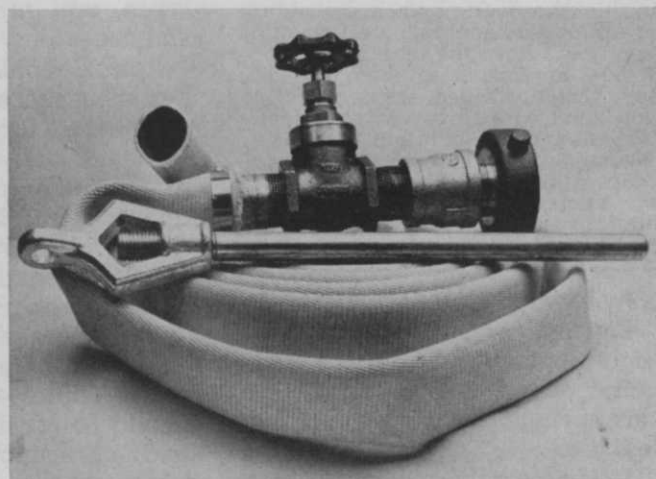
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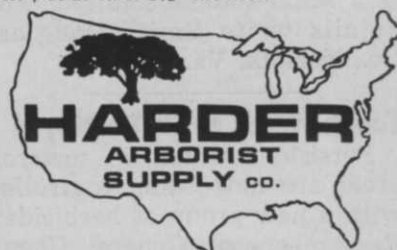
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HELP WANTED

OUR COMPANY is now operating in termite and pest control. We wish to expand into weed control, turf maintenance, tree care, etc. If you qualify to form and manage this new department, kindly give education details, experience, reference and personal data. Write Box 512, Havertown, Pa.

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TO EMPLOYERS who advertise for men! The letters you receive in answer to your advertisements in WEEDS and TURF are submitted by each of the applicants with the hope of securing the position offered. When there are many applicants it frequently happens that the only letters acknowledged are those of promising candidates. (Others do not receive the slightest indication that their letters have even been received, much less given any consideration.) These men often become discouraged, will not respond to future advertisements and sometimes even question if they are bonafide. We can guarantee that every advertisement printed in WEEDS and TURF is duly authorized. Now won't you help keep our readers interested in this advertising by acknowledging every application received, even if you only return the letters of unsuccessful applicants to them marked, say, "Position filled, thank you"? If you don't care to reveal your identity mail them in plain envelopes. We suggest this in a spirit of helpful cooperation between employers and the men replying to Help Wanted advertisements. Put yourself in the place of the other fellow.

New Lawn Food Is Introduced

Nutro F/85 Turf Food, a new, high-nitrogen turf fertilizer, is being offered for the first time this spring by the Smith-Douglass Co.

It is also reported that Nutro F/85 has a "disciplined" feeding ability that makes grass green up fast, yet keeps it that way for weeks. It can be applied dry, or as a water-soluble solution. For details write Smith-Douglass Co., Norfolk, Va.

Tough Weeds Easily Destroyed

Persistent weeds in noncrop areas are now being controlled with a new group of herbicides. Researchers at General Chemical Div., Allied Chemical Corp., say that the herbicides attack

weeds through the root systems, giving long-term control.

The weedkillers, new formulations of Urox, are applicable for industrial sites, railroads, highways, and other noncrop areas. According to the company, Urox 'J' is adapted for destroying Bermudagrass, crabgrass, and Johnsongrass. Urox 'D' is aimed at most annual and perennial grasses and broad-leaved weeds.

Hard-to-kill grasses such as quackgrass and broomsedge are targets for Urox 'H'. For more details write the company at 40 Rector St., New York, N. Y. 10006.

Minnesota Turf Conference (from page 24)

urea-formaldehyde produced by chemical companies.

Special slow-release nitrogen compounds and coated soluble fertilizers are inorganic types. Many of these slow-release fertilizers are still in the experimental stage but some may be available soon. The sewage sludge and urea-formaldehyde types are presently available and are widely used on turf.

Annual applications of nitrogen, phosphorus, and potassium are needed for vigorous growth of turf. Because of the high nitrogen requirement of turf relative to phosphorus and potassium, and because of high leaching losses and other losses of soluble nitrogen from the soil, this element should be applied in excess amounts. Often two to four times as much nitrogen should be applied as phosphorus and potassium, particularly where grass clippings are removed, as on a golf green. Fertilizer grades such as 20-5-10, 16-8-8, or 20-10-10 are commonly preferred. Supplemental nitrogen may be applied as a liquid or solid any time during the season as needed.

Proper fertilization promotes healthy and vigorous grass and helps produce a desirable color; aids in preventing diseases and in controlling competing weeds; and minimizes damage from extended drouth periods, Farnham said.

— Advertisers —

INDEX TO ADVERTISEMENTS

Aero-Thatch, Inc.	Apr.
Amchem Products, Inc.	3rd Cover
The Ansul Co.	15
John Bean Division, FMC	Apr.
California Chemical Co., Ortho Div.	17
Chipman Chemical Co., Inc.	29
Diamond Alkali Co.	10
Doggett Fison Co.	6
E. I. duPont de Nemours & Co., Inc.	4th Cover
Geigy Agricultural Chemicals	7
Harder Arborist Supply Co.	31
Hercules Powder Co.	Apr.
Hooker Chemical Corp.	25
Kemp Manufacturing Co. ..	8
Morton Chemical Co.	4
The F. E. Myers & Bro. Co.	Apr.
Niagara Chemicals Division, FMC	9, 21
Oregon Fine Fescue Commission	Apr.
Pennsalt Chemicals Corp. ...	5
Robert B. Peters Co., Inc. ...	33
Ryan Equipment Co.	34
Shell Chemical Co.	Apr.
Solo Industries, Inc.	11
Stauffer Chemical Co.	2nd Cover, 27
Sun Industry, Inc.	33
Tennessee Corp.	Apr.
Union Carbide Corp., Chemical Div.	19
Velsicol Chemical Corp.	3
West Point Products Corp.	Apr.

Trans-A-Tainer Collapsible

A variation of its Quik-Bin package has been developed by the U.S. Bulk Handling & Container Co. Called the Trans-A-Tainer, the new product has a built-in pallet base. The upper part, which is collapsible, is of weather-resistant material that gives protection to dry, flowable products such as fertilizers, pesticides, etc., the firm maintains.

The company reports that five Trans-A-Tainers, when collapsed, require a storage area 60 inches high and 44 inches square. For details write the firm at 333 North Michigan Ave., Chicago 1, Ill.

Tordon 10K Pellets Get USDA Clearance for Brush Control

Tordon 10K Pellets have received clearance from the U.S. Department of Agriculture for use in controlling undesirable woody plants. Intended for spot or broadcast treatment of industrial areas, the pellets are available nationally in 50-pound drums. One drum will treat three-fourths of an acre of brush.

Directions call for spring or early summer application before growth begins. Further information can be obtained from The Dow Chemical Company, Midland, Mich., manufacturers of Tordon.

"Meter-Flow" Controls Spray

John Bean Div. has announced a new, lightweight, low-cost pump that reportedly provides accurate control of spray applications in spite of variation in tractor speed. Called the "Meter-Flow," the centrifugal PTO-mounted pump features a fiber-glass-reinforced plastic case and

impeller, and permits pumping heavy wettables, slurries, and nongaseous liquid fertilizers. Delivery rate is 12 gpm at 40 psi.

The pump can be applied as a replacement unit and is also available on the company's line of sprayer equipment. Details are available in Catalog L-1455 from John Bean Div. FMC Corp., Lansing 9, Mich.

Formulate Tedium as EC

A new, more effective weapon against mites has been developed in the emulsifiable concentrate form of Tedium miticide, it was announced recently by Niagara Chemical Division of FMC Corp.

A five-year research program and commercial trials last year show that the emulsion form of Tedium provides more rapid, complete, and longer lasting control of mites than the wettable form of this chemical.

Tedium EC performs best when used on a protective schedule. Commencing early in the season, it prevents mite populations from reaching damaging levels.



Root-Lowell Corp., Division of Root-Lowell Mfg. Company, has announced the introduction of its new "Spraycat" 13000 series power sprayers for application of all sprayable materials with gun or boom. Tank capacities range from 15 through 50 gallons in wheel or skid mounted types. Its new pump is rated at 3 gpm with up to 250 psi. For data, write R-L at 445 N. Lake Shore Drive, Chicago, Illinois 60611.

Niagara reports that field test data indicate Tedium EC superior in performance over wettable powder. In all the work to date there has been no experience of plant injury.

For details write the firm at 100 Niagara St., Middleport, N. Y.

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Ryan Lawnaire aerates and slices, attaches to garden tractor



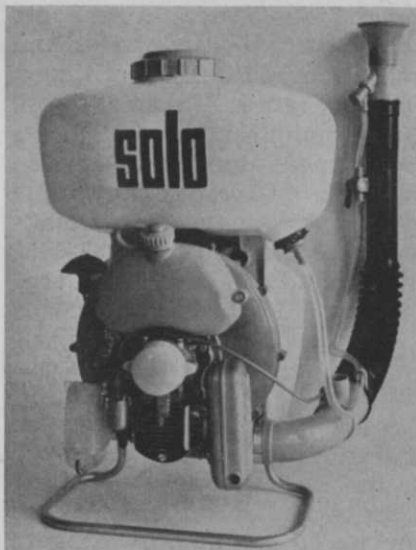
- Choice of tines lets you aerate (like Motoraire above) or slice (aerate without removing cores)
- Riding seat is optional

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Solo's new "Solo Jr." mistblower is said to be easily portable.

Solo Adds Knapsack Blower

A new addition to their mistblower line has been announced by Solo Industries, Inc. Said to be the lightest and most versatile knapsack-type blower in the world, this unit weighs only 15 pounds empty.

Called the Solo Junior, it has a 2½-hp engine that enables it to produce an effective reach of 25 to 30 feet. The air velocity at the nozzle is rated at 250 mph.

Complete data is available from the company at Box 128, Woodside, New York.

Vinyloy Has Smooth-Bore Hose

Vinyloy polyvinyl chloride hose is now available with smooth bore, is lighter in weight, and more flexible, says Vinyloy Hose & Tubing Co. It is produced as a continuous extrusion, reinforced with a spiral of rigid vinyl.

Stocked in many sizes in lengths up to 300 feet, it is available from the company at 8821 Kenwood Rd., Cincinnati 42, Ohio.

Ansul Appoints Southwest

Southwest Solvents & Chemical Co. has been appointed manufacturer's representative for two herbicides, Ansar 184 disodium methanearsonate and its related compound Ansar 170. Manufacturer is The Ansul Co., Marinette, Wis.

Trimnings

A goal for Troll. Prof. Joseph Troll of the University of Massachusetts in Amherst has long been known among turf people as the chairman of his school's fine Winter School for Turf Managers. Now we learn he's got another claim to fame, namely, an appointment to the Green Section Committee (Northeastern District) of the U.S. Golf Association. Professor Troll joined the U of Mass. in 1957, and has been widely recognized for his enthusiastic devotion to turf technology.

Sensitivity in Utah. Salt Lake City has this weed law. City officials want to get rid of unsightly weeds, and are determined to do the work themselves (and bill the landowner) if weeds are not hastily dispatched. But a few citizens questioned whether or not the law was constitutional, since it was felt that public nuisance objects must be related to public health and safety. Not so, says one of the city's legal eagles, who opined "whether a particular annoyance or inconvenience is sufficient to constitute a nuisance depends upon its effect upon an ordinary reasonable man, a normal person of ordinary habits and sensitivities." Well! We dislike weeds as much as the next man (probably more), and our sensitivities are grossly offended at the sight of rampant growths in vacant lots, around signs, and other places where a reasonable, ordinary man is likely to encounter them. It makes us feel quite comfortable that Salt Lake City will probably continue to enforce its weed laws, and thus protect the sensitivities of the fine people of Utah. In all seriousness, it seems to us that uncontrolled weed growths are patently objectionable, to the ordinary as well as extraordinary, and that a person's habits really have little to do with it!

New job for veteran Mancuso. A note from Yonkers informs us that Anthony A. Mancuso has just been named city arborist in that New York community. Tony is a 25-year veteran of tree work, and is a former president of the Westchester County Tree Protective Assn. The winning entrant from a field of three, the New York authority on tree care will succeed John Coyne, who's retiring after 35 years in the job. Congratulations to both!

On the ball in Boise. We've found a number of newspaper clippings in the morning mail the last few weeks about the extensive shade tree spraying program under way in Boise, Idaho. Under the direction of park superintendent Gordon Bowen, the Boise program is a major component of that city's efforts to preserve its stand of fine old shade trees which delight the citizenry all summer long. Huge mistblowers have been pressed into service, and Bowen's crew is systematically covering the city from one end to another. The crew is aiming its efforts primarily at aphids and scale, and we hope they don't encounter any trouble from the beetles (the elm leaf kind, not the English kind).

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