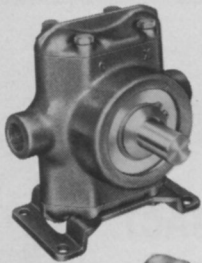


Hypro Pumps

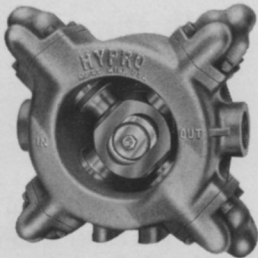
for applying weed and turf chemicals

PISTON PUMPS



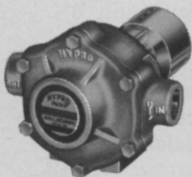
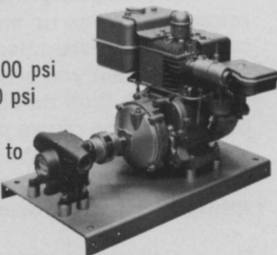
Series
C5210
BIG TWIN
10 gpm (at 600 rpm)
400 psi pressure
also available with gas engine

Series
5400
4-CYLINDER PUMP
25 gpm output at 600 psi

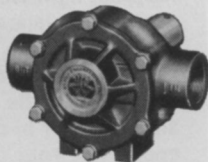


ROLLER PUMPS

Series
GN6310R
6.9 gpm at 100 psi
5 gpm at 200 psi
3 hp engine (develops up to 250 psi with 4-hp engine)



Series 7560
8-ROLLER PUMP
Output 12 gpm (at 540 rpm)
Pressure to 300 psi.



Series 1500
6-ROLLER PUMP
Output 30 gpm (at 540 rpm)
Pressure to 150 psi.

Choice of rubber or nylon rollers
Write for complete pump catalog or request pump recommendation for your need.



Hypro

A division of Lear Siegler, Inc.

347 Fifth Ave. N.W., New Brighton
Saint Paul, Minnesota 55112

Agchem Div. of ICI America Moves to Delaware

Offices of the agricultural chemicals division of ICI America Inc. will be moved from Stamford, Conn. to Wilmington, Del. The announcement was made in Stamford by Dr. G. W. Padwick, vice president and general manager of the division.

The effective date of the move will be early September. After that date, the division's address will be 3411 Silverside Road, P.O. Box 751, Wilmington, Del. 19899.

The move is part of the consolidation in Wilmington of headquarters

facilities of all ICI America operating divisions. Also moving from Stamford will be dyes, chemicals and plastics operations. The Stuart Pharmaceuticals division is moving from Pasadena, These moves will complete the major steps in bringing together the executive management of the company formed in January by the merger of the former Atlas Chemical Industries, Inc. and the original ICI America.

The company is a wholly-owned subsidiary of Britain's Imperial Chemical Industries Limited (ICI) of London, one of the world's largest chemical firms.

Johnsongrass Control

By James V. Parochetti
Extension Weed Specialist
University of Maryland

First, and most importantly, one must recognize Johnsongrass before it can be controlled. Pictures of Johnsongrass are available.

Many people who have Johnsongrass have no idea what "that stubborn weed" is until that weed invades much of the area.

Control of the first Johnsongrass sprigs before they go to seed and spread further by rhizomes, will save money and countless hours of control in the future.

Johnsongrass in non-cropland must be eradicated to prevent reinfection.

There are a number of chemicals registered for Johnsongrass eradication for these locations. One group of chemicals has no soil activity and is absorbed by the leaves. These are MSMA and DSMA. These herbicides must be reapplied whenever Johnsongrass regrows; usually two to three applications at monthly intervals is needed for eradication. Some regrowth can be expected the following year.

The other group of herbicides most commonly used for spot treatment of Johnsongrass are the herbicides

which have soil activity and persist for one to three years.

These herbicides may kill the top of plants, but they kill primarily by root uptake. Any herbicide at a high enough concentration will kill Johnsongrass.

The reason that some herbicides are registered as compared with others is based on (1) cost, (2) length of soil residual and (3) effectiveness in killing Johnsongrass. The University of Maryland recommends several soil residual herbicides for Johnsongrass control in non-cropland.

MANUFACTURER OR FORMULATOR

| COMMON NAME | TRADE NAME | MANUFACTURER OR FORMULATOR |
|--|---|--|
| Bromacil | Hyvar X Instemul BRO-40 Krovax I Urox B Weed Free B-8 (&LB) | DuPont Stull Chemical DuPont Allied Chemical Chapman |
| Monuron | Telvar | DuPont |
| Prometon | Pramitol 25E | Geigy |
| Karbutilate | Tandex 80WP & 4G | FMC (Niagara) |
| Sodium chlorate | Atlacide Sodium Chlorate | Rhodia (Chipman) Hooker |
| Sodium chlorate + sodium borate | MBC Monoborchlorate | Occidental U.S. Borax |
| Sodium chlorate + sodium borate + bromacil (1.5%) | Ureabor | U.S. Borax |
| Sodium chlorate + sodium borate + prometon (5%) + simazine (0.75%) | Pramitol 5PS | CIBA-Geigy |