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## UPDATE

**PGA Tour . . . TPA . . . PGA Tour/TPA**

The Tournament Players Association and the Professional Golfers' Association of America have reached an agreement to increase competitive opportunities in golf and to expand marketing and promotion of the game. The highlight of the agreement was the return by TPA to its historic name "PGA Tour." Other facets of the agreement included a cosponsorship by the Tour and the PGA, beginning in 1983, of a \$1 million "Tournament Players Series" for players not currently exempt for the PGA Tour, and the formation of PGA, PGA Tour Properties Inc., a new marketing joint venture (similar to NFL Properties).

TPA Commissioner Deane Beman said, "These joint projects between the organization of the game's leading players and the organization of the game's club and teaching professionals should pay real dividends for the future of golf." Joe Black, president of PGA, added, "(the agreement) will benefit both organizations financially, but, more importantly, will help create new interest and competitive opportunities in the game."

Last year the Tour changed its tradename to TPA because of legal restrictions on its ability to use the name 'PGA Tour' in a marketing program. "PGA was able—through the cooperation of Robert MacNally, president of PGA Golf Co.—to renegotiate a long-term contract that perviously had blocked the Tour from using the initials 'PGA' in marketing or licensing agreements," said Robert Oelman, chairman of the Tour's Tournament Policy Board. "That got us over our biggest hurdle and allowed the two groups to pursue a consolidated marketing plan."

**Snyder named ASGCA president**

Arthur Jack Snyder was elected president of the American Society of Golf Course Architects at the group's annual meeting in Palm Beach, FL.

Other newly-elected officers include Ted Robinson, Westlake Village, CA, vice president; Michael Hurdzan, Columbus, OH, secretary, and John Watson, Lachute, Quebec, Canada, treasurer.

Snyder received his degree in landscape architecture from Penn State. He has been both a golf course superintendent and architect during his long career in golf.

**A voice against stimpeters**

While the contributions of the USGA have been universally applauded by golf course superintendents, occasionally a voice of protest rings out. Julius Albaugh, GCS, Westmorland Country Club, Chicago, IL, writing in *The Bull Sheet*, makes his case against the use of stimpeters. Albaugh's bone of contention is not that the stimpeter doesn't work, but that it works too well. He notes that information contending faster putting surfaces equals higher quality greens has gotten into the hands of amateurs. "All they feel they need is a stimpeter and they feel that they can judge quality putting turf," explained Albaugh. "They have no agronomic knowledge of soils, turfgrass varieties, or stress conditions, but base their opinions totally on the stimpeter, a table and readings."

Albaugh notes that Chicago-area superintendents alter their management practices according to turfgrass variety, soil and weather conditions. "These practices to produce a desirable putting turf are not based on a set stimpeter reading, but instead on our agronomic and greenskeeping ability to provide our memberships a uniform, true, healthy and green putting surface," asserts Albaugh. "No where do we find a plant (putting green turf) put under such stress, and now we have the stimpeter to stress out golfing turf further. I cannot help but feel stimpeters are anti-grass."

ered association business, elected new members and directors while finding time to tour the island and appreciate their surroundings for a few days.

On the first day of the conference, members and board met to review and approve the applications of new members. Erik Haupt was elected president for 1983 and the new board of directors was chosen. Several activities were approved, including the creation of a National Arborists/Paul Tilford Foundation, in honor of the NAA's first executive secretary, to fund projects of special interest to the membership. The membership also granted approval for the production of a newsletter for field personnel.

A trade show will be held in conjunction with the 1983 Annual Meeting in New Orleans. The members requested one since the entire attendance at the meeting is a buying market.

The Board decided to hire another part-time staff member, to service the prevention engineering aspect of the insurance program that the NAA is contracting.

Educational sessions were given by ten speakers. To enhance the audience participation during the talks, microphones were provided for each question from the floor. Talks included topics such as insurance, problems and solutions, tools for tree care, pest management and diversification. Each speech was professionally taped. Cassettes can be obtained from Crown Duplication, P.O. Box 1147 Aiea, HA 96701.

**TURF****TUCO awards five turf scholarships**

Three seniors at Michigan State University and two at Texas A & M University have received TUCO turf scholarships. Stephen Meyer, Chad Ball and Thomas Lively of Michigan were presented their awards by TUCO representative Russ Tiller at the Michigan Turfgrass Conference. Texas students, Randy Broyles and Michael Yarotsky were presented their scholarships by James Lipari, TUCO sales consultant.

TUCO, the agricultural division of the Upjohn Co., offers the scholarships to students in ten participating universities. The recipients are judged by the university faculty on academic performance, personal character and dedication to a turf career. Since beginning the program in 1974, the company has generally given 10-15 scholarships a year.

*Continues on page 14*

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### EQUIPMENT

#### West promoted at Cushman

OMC Lincoln has named Scott West III general manager of Cushman Motor Sales, Cerritos, CA, where he will be responsible for all marketing and administration of the company-owned outlet. He will handle Cushman industrial and turf care equipment along with the Ryan brand of turf maintenance units.

West joined OMC Lincoln in 1975 in the Cushman vehicle marketing department, followed by a position in the



Scott West III

Lawn Boy marketing force. In 1977, he was promoted to district sales manager for Cushman and Ryan product lines and then to advertising/sales promotion manager for all OMC Lincoln product lines.

According to Frank McDonald, OMC Lincoln marketing director, West's experience in revamping and strengthening service operations of dealerships will be valuable in the large southern California outlet.

### CHEMICAL

#### Diamond Shamrock names Mitchell VP

Kenneth Mitchell has been appointed as the vice president in charge of agricultural chemicals for Diamond Shamrock Corp., Cleveland, OH. Mitchell will have all responsibility for specialty chemicals, agricultural chemicals, animal health, process chemicals, ion exchange and metal coatings businesses. Mitchell was previously vice president and general manager of the process chemicals division.

#### LA report assesses the future

The American Society of Landscape Architects Task Force has published "Landscape Architecture into the 21st Century." This 100-page report covers the political, social, economic, and technological forces of change which will impact the profession and predicts the future practice opportunities of the landscape architect.

One of the points the report makes is that house sizes will reduce dramatically. Some other assertions include: More and more housing units will be built to accommodate the single liver (perhaps as much as 50% of all new and renovated housing units during the next 10 years); land use density will increase and construction of conventional single family homes will show dramatic declines; and rehabilitation of existing housing structures will rapidly out-pace construction of new units.

The Task Force was created by Immediate Past President William Behnke and was chaired by Past President Lane Marshall, the report's author and editor. Jot Carpenter, Cameron Man, Don Olson, David Racker, Grant Jones and David Wright served with Marshall during the year-long research effort.

#### Folder explains tree value to consumers

The Council of Tree and Landscape Appraisers has produced a colorful folder on the investment value of trees and other landscape plants. The folder is designed as an aid to tree, nursery and landscape professionals in informing their customers on the important dollar value of their trees and shrubs. The folder also explains exactly what events are normally classed as "casualties" by insurance companies and tax officials. The steps a homeowner can take if casualty strikes are spelled out—in terms of insurance coverage, tax deductions, or civil damage claims.

The folders are designed with space to permit an individual firm to have its name imprinted and distributed to the general public or homeowners. Copies are available in any quantity at 10¢ each by contacting The Council of Tree and Landscape Appraisers, 232 Souther Building, Washington, DC 20005.

#### Twelve contractors win ALCA Safety Awards

The Associated Landscape Contractors of America named 12 landscape contracting firms recipients of the 1981 ALCA Safety Awards for Accident Prevention. The awards were made in categories, according to the total number of man-hours worked over the twelve months of the contest (September 1, 1980, through August 31, 1981). Participating landscape contractors reported monthly on the number of time-lost accidents and labor time lost, during that month.

The winners of the 1981 Safety Award for Accident Prevention were: John Lamm of Jackson, Midwest Landscape Co., Francis J. Wolfe Jr. Landscape, Brazos Valley Nursery, Southern Seeding Service, Stano Landscaping, Landplant, Kujawa Enterprises, Nelson Landscape Service, Brickman Industries, Theodore Brickman Co., and Lawrence & Ahlman.

In addition the 1981 Safety Award winners, five firms were cited for perfect safety records: Aristocrat Landscaping, James Ranches Landscape, Skoog Landscape, Village Landscape Maintenance, and Clearwater Landscaping.



## Sitting duck.

There's a new way to turn burrowing rodents into sitting ducks. But it's a product that has been around for a long time.

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Phostoxin is a well-known pest control agent. For years, it has been used to eliminate insects from grain and food storage areas. And now, with a new label, Phostoxin can help you get rid of underground pests...like Norway rats, roof rats, house mice, ground squirrels, moles, voles, gophers, chipmunks, marmots, woodchucks and prairie dogs.

You know the nasty reputations of these burrowing pests. In just a matter of days, they can inflict thousands of dollars of damage and contamination.

That's why you want to do away with them quickly and safely.

Phostoxin is **easy to use**. Simply apply the tablets and seal the burrow. As the tablets decompose, they release lethal concentrations of hydrogen phosphide. And every rodent in the burrow becomes a sitting duck.

Certified applicators have found Phostoxin to be **safe and effective**. It is applied out of doors, as a solid-form, delayed-release fumigant. As a result, gas masks are rarely used, although proper respiratory protection must be available.

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Phostoxin can help you turn rats into sitting ducks. For more information, contact your Degesch representative:

**Fumigators**, PO Box 33342, Raleigh, NC 27606, Phone 919-832-3983; **Industrial Fumigant Company**, PO Box 1200, Olathe, KS 66061, Phone 913-782-7600; **J-Chem**, PO Box 5421, Houston, TX 77012, Phone 713-923-9401; **Lystad's**, 901 University, Grand Fork, ND 58201, Phone 701-775-6283 or 7220 Claussen Blvd., Oklahoma City, OK 73116, Phone 405-843-5876; **Van Waters and Rogers**, 2600 Campus Dr., San Mateo, CA 94403, Phone 415-573-8000.



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JUNE 1982/WEEDS TREES & TURF 15

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## GOVERNMENT UPDATE

### USDA spots another problem insect

Recently the Animal and Plant Health Inspection Service, USDA, intercepted an exotic leafminer of economic importance on chrysanthemum cut flowers from Colombia, South America. As of April, 1982, routine fumigation will be required of all cut flowers from Colombia when leafminers are found upon port of entry inspection. Such a requirement has been in effect for years for all over countries outside North America but Colombia was excluded because no exotic leafminers occurred there. Since it is so difficult to identify immature leafminers, USDA considers all leafminers to be serious pest insects and restricts their entry.

### Idaho granted white clover protection

The Idaho Agricultural Experiment Station has just received a certificate of protection for the first variety of white clover ever to be issued. These certificates from the U.S. Department of Agriculture are granted to novel, uniform and stable seed varieties and give exclusive right to reproduce their products in U.S. for 18 years.

### EPA opts for rules not politics

The Environmental Protection Agency (EPA) refused to approve the use of ferriamicide on the imported fire ant despite strong pressure from members of Congress from the states infested by the ant. EPA and the U.S. Department of Agriculture will hold a symposium in June to consider any new scientific information which would allow the consideration of granting a conditional use registration for the chemical. Control procedures this year will have to involve chemicals that are registered for fire ant control: Amdro from American Cyanamid Co. and Turcam from BFC Chemicals Inc.

### Two new birch tree borer controls

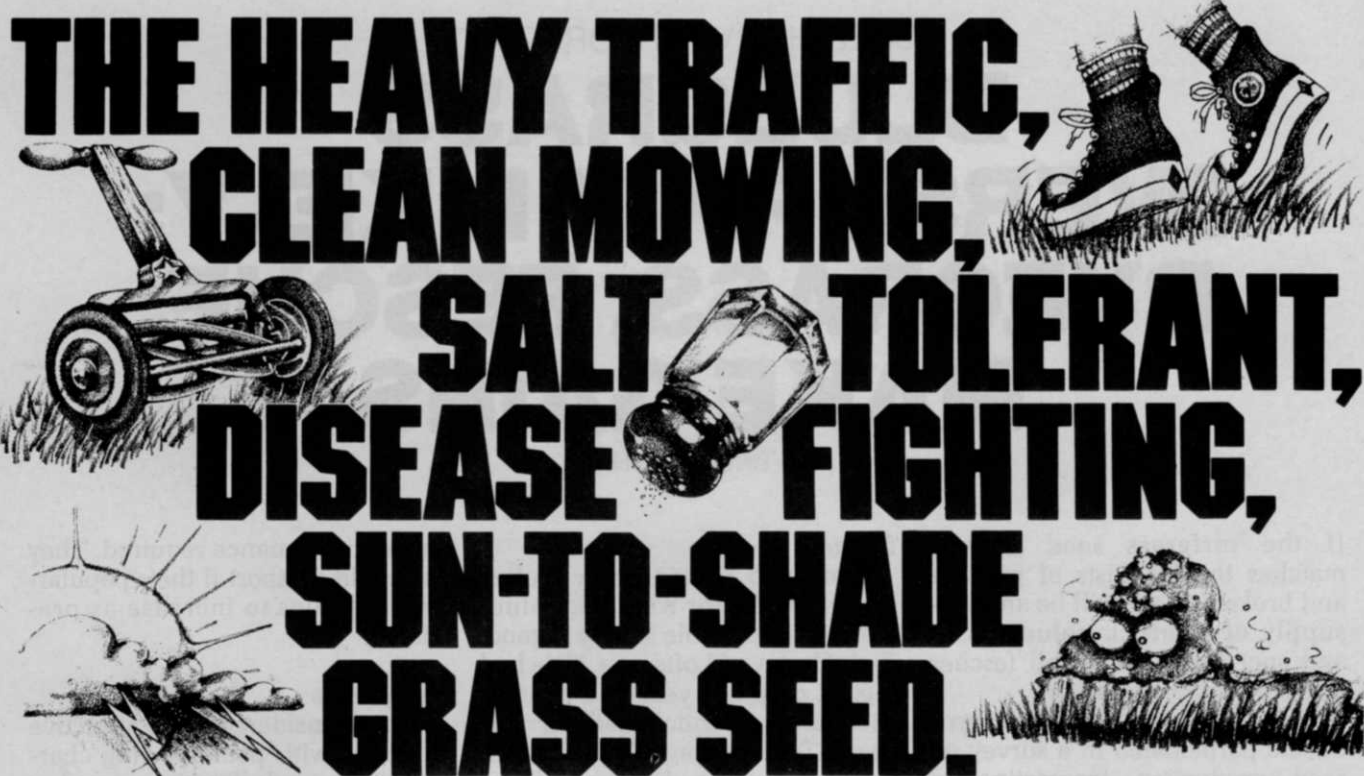
Two years of research at Ohio Research Center (Wooster) indicates that bendiocarb and chlorpyrifos (Dursban) are more effective than lindane for the control of borers in bronze birch and European white birch. Dursban is already labeled for this use and the bendiocarb manufacturers are seeking a "wood boring insect" addition to their Turcan® and Dycarb® ornamental labels. The Ohio State Extension specialists are now recommending that Dursban replace lindane in birch borer control programs.

### Spruce budworm control, ocean to ocean

The U.S. Forest Service has decided to use insecticides on 208,000 acres of national forests in fortheast Oregon currently infested with the spruce budworm while about 25,000 acres will be untreated. The final acreage will be determined by the estimated cost of the chemical application and the results of larval sampling. Most of the area will be treated with carbaryl while some sensitive areas will be sprayed with acephate or *Bacillus thuringiensis* (Bt). Across the continent in Maine, the Forest Service will assest financially the silvicultural management of spruce fir stands mixed with hardwoods to lessen the threat from the spruce budworm on 863,000 acres, and IPM suppression measures of using acephate and Bt in buffers around settled areas, environmentally sensitive areas and small ownerships on another 97,000 acres.



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Landscape Pro Mix	School grounds, cemeteries, golf course roughs, lawns	Fast establishing. Adapts to broad range of conditions and management levels. Low to moderate fertility requirements.
Overseeder II Mix	Fairways, tees, athletic fields	Fast establishing, traffic tolerant, disease resistant, penetrates compacted soil.
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Premium Sod Blend	Commercial sod producers	Fast establishing, exceptional dark green color, shade tolerant, superior disease resistance.
Special Park Mix	Parks, commercial developments, lawns	Low fertility tolerance, shade tolerant, adapts to wide range of soil types.

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## SEED HARVEST FORECAST

# BLUEGRASS OVERSUPPLY LIKELY; RYEGRASS, FESCUE MAKE GAINS

By BRUCE F. SHANK

If the turfgrass seed harvest matches the forecasts of growers and brokers, there will be an oversupply of Kentucky bluegrasses and spot shortages of tall fescues and perennial ryegrasses.

More than 10 major seed producers participated in a survey on seed production forecasting in April. *Weeds Trees & Turf* will poll the same seedsmen in August for harvest results. Rain and disease are the most serious threats to seed production between now and August. Rain while the seed is windrowed in the fields for drying can cause major losses and lack of rain during seed formation can stunt the parent plants. Too much rain at the wrong time can encourage diseases to reduce crop yields.

Seed producers are coping with two major problems, a falloff in construction with a corresponding drop in sales of Kentucky bluegrasses and the increasing popularity of fine-leaved perennial ryegrasses and improved low-maintenance tall fescues. Balancing seed supply with demand is more complicated than it has been in the past for the growers. And it will get more difficult as turfgrasses collected from other hemispheres are brought to the U.S. for commercial production. Collection trips are taking place this year.

### Kentucky bluegrasses

*Poa pratensis*, the backbone of the sod market and lawn installation is suffering from a drop in construction and competition from faster germinating perennial ryegrasses and lower maintenance

fescues.

Northrup King's Larry Vetter says demand for Kentucky bluegrass is down while supply is good. Rich Hurley of Lofts says, "We had a good crop last year and another good crop is anticipated for this year." Tom Stanley of Agricultural Services predicts Kentucky bluegrass is entering an oversupply situation which may take a few years to balance supply with demand. Prices may fall as a result. Touchdown is the only Kentucky bluegrass indicated which may be limited by supply.

### Fescues

Fescues are the beneficiary of increased attention to maintenance requirements for turfgrasses. Fine fescues (creeping red and chewings) succeed in conditions where Kentucky bluegrasses fail, such as heavy shade and low nitrogen. They fall short on heat tolerance.

Improved tall fescues have solved the heat tolerance problem while retaining the low maintenance advantages and adding a lower moisture requirement. Transition zone turf managers have welcomed improved tall fescues.

As a result, spot shortages of tall and hard fescues are possible this fall and next spring. Seed growers have not been able to increase production of improved tall fescues to keep up with demand. The new tall fescues, such as Mustang, Rebel, Hounddog and Falcon, could be hard to find next spring.

Hard fescues, such as Waldina, Reliant, Tournament and Scaldis, are useful for shade locations with

lower maintenance required. They too could be short if their popularity continues to increase as predicted.

### Ryegrasses

Once considered a less attractive turfgrass with poor mowing characteristics and light green color, perennial ryegrasses have overcome their shortcomings and are giving Kentucky bluegrass a run for its money. Seed scientists have developed darker color, better mowing characteristics and finer leaf structure in perennial ryegrasses. Add these improved characteristics to the seven-day germination period and you have a contender for Kentucky bluegrass.

Perennial ryegrass seed production is lagging slightly compared to the extremely high demand. Not as short as tall or hard fescues, perennial ryegrass prices should hold or increase. Stanley, a marketer of ryegrass, predicts, "Perennial ryegrass will overtake bluegrass if the economy improves even though it is almost twice as expensive in some cases."

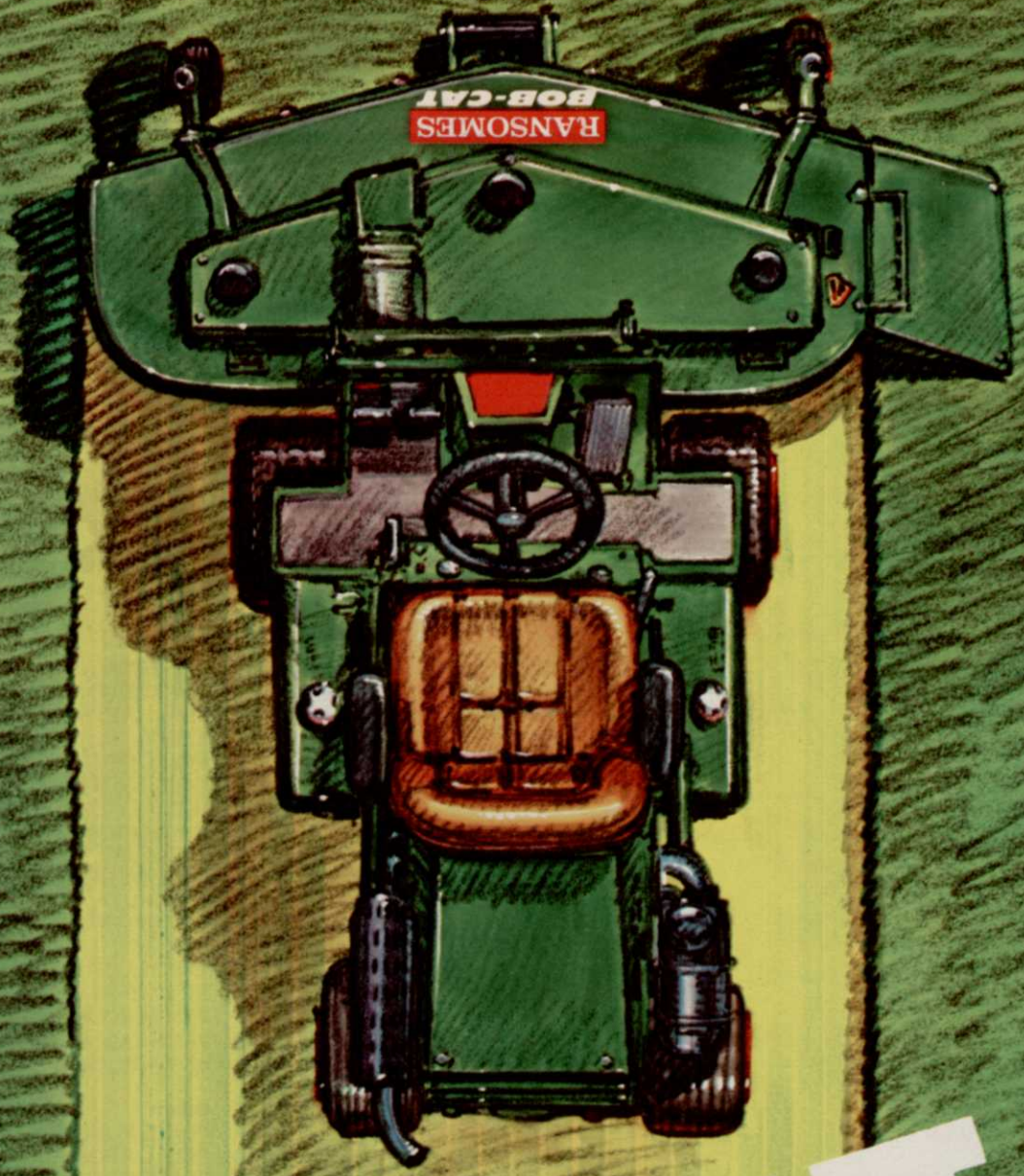
Rich Hurley feels there won't be enough fine fescues to go around.

### Bentgrasses

Another victim of construction, bentgrasses are selling well in the Sunbelt but poor in the North according to Larry Vetter. Demand, as a result, is average for this specialty turfgrass. Penneagle supply may not meet demand this fall and next spring, but any shortage would be minor from our data.

*Continues on page 20*





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A product of new technology, the Ransomes Bob Cat Diesel provides the professional turf-maintenance industry with the most efficient grass machine ever developed. Fuel consumption for this incredibly quiet diesel is 40% less than gasoline and the engine will pay for itself in only 650 hours. The big 74" deck makes short work of major mowing jobs and provides trouble free performance and a prime cut on every pass. See your Ransomes Bob Cat distributor or call Ransomes, Inc., One Bob Cat Lane, Johnson Creek, WI 53038, (414) 699-2000.

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TABLE 1

Anticipated Seed Production Compared To Anticipated Demand.

Turfgrass Type	Percent Demand						
	Met By	Production					
<b>Kentucky Bluegrass Varieties</b>							
ADELPHI	100		BILJART	100	DIPLOMAT	100	
AMERICA	90		CHECKER CHEWINGS	100	ELKA	53	
AQUILA	60		CLEMFINE TALL	30	FIESTA	50	
A-34 (BENSUN)	92		CREEPING RED	100	GOALIE	75	
BANFF	75		DAWSON RED	55	HUNTER	100	
BARON	100		ENSYLVA	85	JACKPOT	100	
BIRKA	100		FALCON	60	LORETTA	100	
BONNIE	50		FAWN TALL	100	MANHATTAN	90	
BRISTOL	100		FORTRESS	90	NK-200	100	
CHERI	100		HIGHLIGHT CHEWINGS	100	OMEGA	100	
COMMON	100		HOUNDOG TALL	18	PENNANT	95	
ECLIPSE	100		JAMESTOWN	75	PREMIER	85	
ENMUNDI	100		K-31 TALL	100	REGAL	100	
FYLKING	100		KOKET CHEWINGS	100	YORKTOWN	100	
GLADE	100		OLYMPIC TALL	35	YORKTOWN II	95	
GEORGETOWN	5		PENNLAWN	100	MANHATTAN II	LIM	
MAJESTIC	23		REBEL	35	ETON	75	
MERION	100		RELIANT HARD	10	PRELUDE	100	
MERIT	100		RUBY RED	60	PALMER	25	
NEWPORT	100		SCALDIS HARD	80			
NUGGET	53		SHADOW CHEWINGS	100	<b>Bentgrass Varieties</b>		
PARADE	100		TOURNAMENT HARD	50	ASTORIA	10	
PARK	100		WALDINA HARD	50	BARDOT COLONIAL	100	
PENNSTAR	53		BARFALLA CHEWINGS	100	EMERALD	100	
RAM I	100		AURORA	LIM	EXETER COLONIAL	190	
RUGBY	75		MUSTANG TALL	10	CARMEN	100	
SCENIC	100		GALWAY	0	HIGHLAND	100	
SHASTA	100				KINGSTOWN VELVET	0	
SYDSPORT	93		<b>Ryegrass Varieties</b>			PENNCROSS	100
TOUCHDOWN	75		ANNUAL	100	PENNEAGLE	88	
VANTAGE	100		BARRY	85	SEASIDE	100	
VICTA	100		BELLE	50			
WABASH	80		BIRDIE	100	<b>Other</b>		
COLUMBIA	93		BLAZER	90	FULTS PUCCINELLIA DISTANS	100	
			CARAVELLE	100	REDTOP POA ALBA	100	
			CITATION	90	REUBENS CANADA BLUEGRASS	100	
<b>Fescue Varieties</b>			COMMON PERENNIAL	100	COMMON POA TRIVIALIS	100	
AGRAM CHEWINGS	100		DASHER	90	SABRE POA TRIVIALIS	75	
ALTA COMMON TALL	100		PENN FINE	75	BERMUDA	LIM	
ATLANTA	100		DELRAY	80	STREEKER REDTOP	100	
BANNER	100		DERBY	100	LIM = limited		
BEAUMONT MEADOW	0						

**Other Turfgrasses**

Redtop production is expected to meet demand since it is also tied to construction. Sabre *Poa trivialis* and Reubens Canada bluegrass will also meet demand. Fults *Puccinellia distans* supplies will be adequate according to Larry Vetter.

**The future**

You will soon be hearing about trips made by industry leaders to other hemispheres to collect new, low maintenance turfgrasses. At the same time, we have not fully explored our native grasses for fine turf uses. Seed producers must

focus on turfgrasses with commercial potential and good seed production. Any new grasses would have to undergo a good ten years of testing before being made commercially available.

Seed scientists may want to test crossbreeding native and exotic turfgrasses. The possibilities for new turfgrasses are endless. The seed market will get more complicated and less dependent on one grass type. It is an industry worth watching for new developments over the next decade.

The October issue of *Weeds Trees & Turf* will have the harvest

report which lists the precise production of each turfgrass type as compared to demands.

The results of the harvest can make a difference in pricing and availability for the fall and coming year.

We appreciate the help of Doyle Jacklin of Jacklin Seed Co., Jay Glatt of Turfseed Inc., Rich Hurley of Lofts Seed, Larry Vetter of Northrup King, Tom Stanley of Agricultural Services, Harry Stalford of International Seeds, Bob Peterson of Burlingham, and Bob Russel of J&L Adikes, and Joe Butwin of Stanford Seed.

**WTT**