



# STOCK SEED ADMINISTRATOR

PanAmerican Seed Co. (PAS), an international division of Geo. J. Ball, Inc. specializing in the breeding and production of flower seeds, has an immediate opening for a Stock Seed Administrator to work at our West Chicago, Illinois, U.S.A. facility.

In this newly created position, this individual will assist in the planning and execution of our stock seed program for new and standard varieties at all the PAS production locations. This person will monitor stock seed and crops for genetic purity and make recommendations and adjustments to production as needed. Position involves approximately 25% travel, some international.

The ideal candidate will possess a B.S. degree in Agronomy, Agriculture or related field, with experience in breeding or genetics. In addition, candidates should have 2-5 years of production planning experience. Knowledge of stock seed production preferred.

Interested individuals should submit a resume to:

**John Robak**  
Corporate Human Resources

**Ball**

Geo. J. Ball, Inc.  
622 Town Road  
West Chicago, IL 60185-2698, U.S.A

**Copying.** No contents may be reproduced by any means without the permission of Cambridge University Press. This journal is registered with the Copyright Clearance Center, 27 Congress Street, Salem, MA 01970. Organizations in the USA who are also registered with the C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to C.C.C. of the per-copy fee of \$5.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0021-8596/93 \$5.00+0.00. *ISI Tear Sheet Service*, 3501 Market Street, Philadelphia, PA 19106, USA, is authorized to supply single copies of separate articles for private use only. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. *For all other use*, permission should be sought from Cambridge or the American Branch of Cambridge University Press.

CAMBRIDGE UNIVERSITY PRESS

The Pitt Building, Trumpington Street, Cambridge CB2 1RP  
40 West 20th Street, New York, NY 10011-4211, USA  
10 Stamford Road, Oakleigh, Melbourne 3166, Australia

*Printed in Great Britain by the University Press, Cambridge*

## CONTENTS

	PAGE
Instructions to Authors	
<b>CROPS AND SOILS</b>	
MILFORD, G. F. J., PENNY, A., PREW, R. D., DARBY, R. J. and TODD, A. D. Effects of previous crop, sowing date, and winter and spring applications of nitrogen on the growth, nitrogen uptake and yield of winter wheat	1
PELTONEN-SAINIO, P., MOORE, K. and PEHU, E. Phenotypic stability of oats measured with different stability analyses	13
LAMOND, W. J. and GRAHAM, R. Relationship between air conditions and the drying rate of thin-layers of grass	21
ACUÑA, P., G. H. and WILMAN, D. Effects of cutting height on the productivity and composition of perennial ryegrass-white clover swards	29
WILMAN, D. and ACUÑA, P., G. H. Effects of cutting height on the growth of leaves and stolons in perennial ryegrass-white clover swards	39
FIRMAN, D. M. and ALLEN, E. J. Effects of windrowing, irrigation and defoliation of potatoes on silver scurf ( <i>Helminthosporium solani</i> ) disease	47
JACKSON, L. E., WYLAND, L. J. and STIVERS, L. J. Winter cover crops to minimize nitrate losses in intensive lettuce production	55
SOMMER, S. G., CHRISTENSEN, B. T., NIELSEN, N. E. and SCHJØRRING, J. K. Ammonia volatilization during storage of cattle and pig slurry: effect of surface cover	63
WHITEHEAD, D. C. and RAISTRICK, N. Nitrogen in the excreta of dairy cattle: changes during short-term storage	73
WILLIAMS, P. H. and HAYNES, R. J. Fate of <sup>35</sup> S-labelled urine sulphate in urine affected areas of pasture soil under field conditions	83
<b>ANIMALS</b>	
BLINCOE, C. Computer simulation of bovine copper metabolism	91
ROOK, A. J., FRANCE, J. and DHANOA, M. S. On the mathematical description of lactation curves	97
BROSH, A., HOLZER, Z., AHARONI, Y. and LEVY, D. Intake, rumen volume, retention time and digestibility of diets based on poultry litter and wheat straw in beef cows before and after calving	103
LEE, J., HARRIS, P. M., SINCLAIR, B. R. and TRELOAR, B. P. Whole body metabolism of cysteine and glutathione and their utilization in the skin of Romney sheep: consequences for wool growth	111
OBARA, Y. and DELLOW, D. W. Effects of intraruminal infusions of urea, sucrose or urea plus sucrose on plasma urea and glucose kinetics in sheep fed chopped lucerne hay	125
<b>ABSTRACTS</b>	
Decision Support Systems for Profitable Livestock Production	131
<b>BOOK REVIEWS</b>	
	135

**CAMBRIDGE**  
UNIVERSITY PRESS



0021-8596(199308)121:1;1-A