

# CARBOHYDRATE AND NITROGEN METABOLISM IN THE CELERY PLANT AS RELATED TO PREMATURE SEEDING



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**Low temperature treatment and flower development in Ta~Mei~Fua** , Carbohydrate And Nitrogen Metabolism In The Celery Plant As Related To Premature Seeding, en\_US. dc.type, Book, en\_US. **The Association of Carbohydrate Changes in the Shoot Tip of** - NCBI Results 9398 - 943 1932, Carbohydrate And Nitrogen Metabolism In The Celery Plant As Related To Premature Seeding Platenius, H. **Nitrate and Carbohydrate Reserves in Relation to Nitrogen - JStor** ??????? - **Krishikosh: Browsing DSpace** similar nitrate reserves in the plants but with root systems capable of more active absorption. ... relatively senescent after the very early stages of growth, and in any event is PLATENIUS, H., Carbohydrate and nitrogen metabolism in the celery plant as related to pre- THOMPSON, H. C., Premature seeding of celery. **Global gene expression analysis of transgenic - Oxford Academic** Petrie, Arthur H. K. The intake of ions by the plant and its relation to the Phillis, E., and Mason, T. G. Studies on the transport of carbohydrates in the cotton plant. and nitrogen metabolism in the celery plant as related to premature seeding. **Studies on the Downy Mildew of Onions, and the** - **Google Books** Volumes 136-153 of Carbohydrate and Nitrogen Metabolism in the Celery Plant as Related to Premature Seeding, Hans Platenius **Memoir (Cornell University. Effects of foliar boron application on seed composition, cell wall** Germination percentage, root elongation, and carbohydrate content of seeds and seedlings were assessed. In addition, although celery seedling mannitol concentration initially In salt or osmotically stressed celery plants, the activation of mannitol .. During osmotic priming, seeds complete the early metabolic events **ALPINE - Nutrient Deficiency** Published: (1934) The carbohydrate and nitrogen metabolism in the celery plant as related to premature seeding. By: Platenius, Hans, 1901- Published: (1931) **Core Historical Literature of Agriculture (CHLA)** Volumes 136-153 of Carbohydrate and Nitrogen Metabolism in the Celery Plant as Related to Premature Seeding, Hans

Platenius Memoir (Cornell University. **Catalog Record: Victory garden handbook, a guide for victory** December 31. Ten days after planting, they received cold treatment of 5C for 20 ching could prevent premature bolting by raising temperatures. In winter rye, . Carbohydrate and nitrogen metabolism in the celery plant as related to prema. **Studies on the Downy Mildew of Onions, and the - Google Books** Carbohydrate and Nitrogen Metabolism in the Celery Plant as Related to Premature Seeding. Front Cover. Hans Platenius. Cornell University, 1932 In such plants, photosynthesis and sucrose transport were greatly increased seed production as well as root growth were reduced, indicating that . genes related to primary metabolism and carbohydrate metabolism All these data show that nitrogen affects the distribution of sugars across plant organs. **Memoir - Core Historical Literature of Agriculture (CHLA) - Cornell** Celery production on the muck soils of New York. J. E. Knott. Mar. 1931. 618. A statistical study of milk The effect of pruning apple trees at planting time. Joseph Oskamp. Dec. 1931. 139. Carbohydrate and nitrogen metabolism in the celery plant as related to premature seeding. Hans Platenius. Apr. 1932. 141. Multiple **Plant Sugar-Response Pathways. Part of a Complex Regulatory Web** Volumes 136-153 of Carbohydrate and Nitrogen Metabolism in the Celery Plant as Related to Premature Seeding, Hans Platenius Memoir (Cornell University. **PIR 140 - Krishikosh** mannitol-related genes have shown increases in stress tolerance mannitol, were transformed with the celery M6PR gene filled with a standard planting medium (Baccto, Houston, TX, .. carbohydrate, DNA, protein, and cell cycle metabolism. early-responsive to dehydration (ERD), and low-tempera-. **Studies on Wheat Grown under Constant Conditions - Google Books Result** lead to increased transport of carbohydrates from leaves to metabolic demand and that sugars may be acting to . For example, celery suspension cultures have the role(s) of SNF1-related protein kinases in plants, isoprenoid biosynthesis, nitrogen metabolism, and nous Glc or Suc on early seedling development. **Studies on the Downy Mildew of Onions, and the - Google Books** The Plant World: December, 1898 (Volume 2, Number 3). Plank Carbohydrate and Nitrogen Metabolism in the Celery Plant as Related to Premature Seeding **Reprint and Circular Series of the National Research Council - Google Books Result** Hans Platenius, The carbohydrate and nitrogen metabolism in the celery plant as related to premature seeding. Guy Robertson Stewart, A study of the soil **Miscellaneous Publication - Google Books Result** For fast growing annuals, N is especially critical shortly after planting or Early nitrogen applications aid in the absorption or utilization of secondary and Mn aids in chlorophyll syntheses and this is essential for production of carbohydrates (sugar). black heart in celery, increased firmness in all crops and overall finish. **Carbohydrate And Nitrogen Metabolism In The Celery Plant As** Washington, D. C. (2) Boswell, Victor R. 1929. studies of premature flower formation in wintered-over cabbage. **CARBOHYDRATE AND NITROGEN METABOLISM IN THE CELERY PLANT AS RELATED TO PREMATURE SEEDING. Studies on the Downy Mildew of Onions, and the - Google Books** Celery production on the muck soils of New York. J. E. Knott. Mar. 1931. 518. A statistical study of milk The effect of pruning apple trees at planting time. Joseph Oskamp. Dec. 1931. 139. Carbohydrate and nitrogen metabolism in the celery plant as related to premature seeding. Hans Platenius. Apr. 1932. 141. Multiple **Index to American Botanical Literature 1929-1932 - jstor** **CARBOHYDRATE AND NITROGEN METABOLISM IN THE CELERY PLANT AS RELATED TO PREMATURE SEEDING H. PLATENIUS ITHACA, NeW YORK. Page 1 (Jour. Agric. Res. China) Ha (2) : 132-140 (1984) Effect of** Influence of Certain Carbohydrates on Green Plants July, 1916 - Number 9 (78 .. Nitrogen Metabolism in the Celery Plant as Related to Premature Seeding **Proteomic analysis revealed nitrogen-mediated metabolic** Correspondence relating to the Index may be addressed closely related species in the genus *Phytomonas*. Phyto- .. Platenius, H. Carbohydrate and nitrogen metabolism in the celery plant as related to premature seeding. Cornell Agr. **Carbohydrate and Nitrogen Metabolism in the Celery Plant as** early or late winter and artificially inducing flowering of the seed mother plant for .. Carbohydrate and nitrogen metabolism in the celery plant as related to **List of bulletins of the agricultural experiment stations for the - Google Books Result** Flowering was induced by growing plants for. 2 weeks under 16 hr of treatment at 330 with light following growth at 5 reduced the carbohydrate level and prevented flowering. .. Carbohydrate and nitrogen inetabolism in the celery plant as related to pre- Premature seeding of celery. Metabolic changes associated. **Residual effects of forcing and hardening of tomato, cabbage, and - Google Books Result** **CARBOHYDRATE AND NITROGEN METABOLISM. IN THE CELERY PLANT. AS RELATED TO PREMATURE SEEDING. H. PLA TENIUS. ITHACA, NeW YORK. Source-to-sink transport of sugar and regulation by environmental** Key words: C/N metabolism, hormonal metabolism, maize ear, nitrogen deficiency, nitrogen oversupply. nels at silking, and rapid protein and carbohydrate accumulation To optimize planting density and ensure sufficient light interception and .. Considering 17 proteins related to plant defence, PCR analysis. **Fillable Online AGRICULTURAL EXPERIMENT STATION Fax Email** Authors: Platenius, H. Title: Carbohydrate And Nitrogen

Metabolism In The Celery Plant As Related To Premature Seeding. Publisher: Cornell University **Carbohydrate Content and Root Growth in Seeds Germinated Under** Volumes 136-153 of Carbohydrate and Nitrogen Metabolism in the Celery Plant as Related to Premature Seeding, Hans Platenius Memoir (Cornell University).