

## DAFTAR PUSTAKA

- Acquaah, G. 2002. Horticulture: Principles and practices. Pearson Education. New Jersey.
- Ameziane, R., E. Deleens, G. Noctor, J-F. Morot-Gaudry, and M. A. Limami. 1997. Stage of development is an important determinant in the effect of nitrate on photoassimilate ( $^{13}\text{C}$ ) partitioning in chicory (*Cichorium intybus*). *Journal of Experimental Botany*. 48(306): 25-33.
- Anonim. 1993. Pesticide Information Profile: *Chlorpyrifos*. Available at <http://pmep.cce.cornell.edu/profiles/extoxnet/carbaryl-dicrotophos/chlorpyrifos-ext.html>. Accession date 17 Mar 2017.
- Anonim. 2011. *Chicory (Chicorium intybus)*. Available at <http://www.ediblewildfood.com/chicory.aspx>. Accession date 13 Dec 2016.
- Anonim. 2014. Mekanisme dan Tipe Ketahanan Tanaman. Badan Litbang Pertanian. Available at [www.litbang.pertanian.go.id](http://www.litbang.pertanian.go.id) Accession date 19 Oktober 2016.
- Anonim. 2016. Marco Tetraploid Turnip. Available at <http://notmanpasture.com.au/shop/forage-brassicas/marco-tetraploid-turnip/>. Accession date 14 Mar 2017.
- [Anonim. 2016. Marco Turnip Brassica rapa rapa grazing preference. DSV. United Kingdom.](#)
- Anonim. 2016. Rape and Turnips. Available at <http://www.outreachoutdoors.com/foodplots/brassicas/growing-rape-and-turnips/> Accession date 13 Dec 2016.
- AOAC. 2005. Official Method of Analysis of the Association of Official Analytical Chemistry. 18th ed. Association of Official Analytical Chemists. Washington DC.
- Asghari, M.T., J. Daneshian dan H.A. Farahani. 2009. Studying of planting density influence on dry matter accumulation changes in chicory (*Chicorium intybus* L.) under irrigation deficit stress regimes. *American- Eurasian Journal of Sustainable Agriculture*, 3(3): 371-374.
- Ayres, L. 2002. Forage brassicas quality crops for livestock production. NSW Agriculture. Bathurst.

- Barnes, R.F., C.J Nelson, M. Collins, dan K. J. Moore. 2003. Forages: An Introduction to Grassland Agriculture. Blackwell Publishing Professional, Iowa.
- Bebeau, G.D. c32014. Chicory. Available at <http://www.friendsofthewildflowergarden.org/pages/plants/chicory.html>. Accession date 4 Mar 2017.
- Betts, D.I. 2016. What is The Difference Between C3 Plants and C4 Plants. K-state Research and Extension. Availabe at <http://www.midway.k-state.edu/livestock/docs/What%20is%20the%20difference%20between%20C3%20plants%20and%20C4%20plants.pdf>. Accesion date 24 Mei 2017.
- Björkman, T. and J.W. Shail. 2014. Cornell cover crop guide for forage turnip and rape. Cornell University.
- Blair, Robert. 2011. Nutrition and Feeding of Organic Cattle. CABI. Cambridge, USA.
- BPS. 2010. Suhu Minimum, Rata-rata, dan Maksimum di Stasiun Pengamatan BMKG Seluruh Indonesia 2000 sampai 2010. Available at <https://www.bps.go.id/linkTabelStatis/view/id/1347>. Accession date 20 Feb 2017.
- Bryan,J., J. Klingender, C. Lowe, S. Brpwnlie, D. Pavey, and H. Murray. 2010. Summer Forage Crop Guide. Ravensdown. New Zealand.
- Champolivier, L., and A. Merrien. 1996. Effects of water stress applied at different growth stages to Brassica napus L.var. oleifera on yield, yield components and seed quality. Eur. J Agron. 5: 153-160.
- Chappell, P.R. 2016. The climate and weather of Waikato. NIWA Science and Technology Series. New Zealand.
- Clapham, W.M, J.M. Fedders, D.P. Belesky, dan J.G. Foster. 2001. Developmental Dynamics of Farge Chicory. Agronomy Journal. USDA. 93:443-450.
- Crop mark seed NZ. 2010. Marco Tetraploid Turnip. Cropmark seed. New Zealand.
- Crop mark seed NZ. 2015. Pillar Forage Rape. Cropmark seed. New Zealand.
- Damayanti, E. 2017. Pengukuran Produksi Rumput dan *Forbs* pada Musim Penghujan di Banyusoca, Playen, Gunungkidul, Yogyakarta.

Skripsi. Fakultas Peternakan. Universitas Gadjah Mada. Yogyakarta.

Daniel, T.F. 2016. Acantheceae Acanthus or Shrimp-plant Family. Departement of Botany, California Academy of Sciences. San Francisco.

Deynze, A.E.V, W.D. Beversdorf and K.P. Pauls. 1993. Tempature effects on seed color in black-and-yellow-seeded rapeseed. Canadian Journal of Plant Science. 73(2): 383-387.

Douglas, G.W., G.B. Starley, D.V. Meidinger dan J. Pojar. 1998. Flowering Plants and Vascular non-flowering Plants. Availabe at <http://ethnobotanical.info/pmwiki.php?n=Uses.ListAllPlantProfiles>. Accession date 24 Mei 2017

El-Sherbeny, S., S.F. Hendawy, A.A. Youssef, N.Y. Naguib and M.S. Hussein. 2012. Response of Turnip (*Brassica rapa*) Plants to Minerals or Organic Fertilizers Treatments. Journal of Applied Sciences Research. 8(2): 628-634

Gardner, F.P., R.B. Pearce dan R.L. Mitchell. 1985. Physiology of crop plants. The Iowa University Press. USA.

Goodman, A.M, M.J. Crook and A.R. Ennos. 2001. Anchorage Mechanics of the Tap Root System of Winter-sown Oilseed Rape. Annals of Botany. 87(3):397-404.

H.G. Judson, D.G. Ferguson, M.K. Cutts and A.J.E. Moorhead. 2013. Liveweight Gain of Lambs Grazing Three Forage Rapes which Differ in Total Dry Matter Yield. Proceedings of the New Zealand Grassland Association 75 : 257-260.

Hajiboland, R., F. Farhanghi and M. Aliasgharpour. 2012. Morphological and Anatomical Modifications in Leaf, Stem and Roots of Four Plant Species Undur Boron Deficiency Conditions. Anales de Biologia. 34: 15-29.

Hall, H. dan G. A. Jung. 2008. Forage Chicory. Penn State Extension. Availabe at [http://extension.psu.edu/plants/crops/forages/species/forage-chicory/extension\\_publication\\_file](http://extension.psu.edu/plants/crops/forages/species/forage-chicory/extension_publication_file). Accession date 4 Mar 2017

Harper, F.R. 1973. A key to standardize the description of growth stages in turnip rape. Plant Dis. Surv. 53(2):93-95.

Haryanto, E. 2003. Sawi dan Selada. Penebar Swadaya. Jakarta.

- Jayanti, H., W Setiawati dan A. Hasyim. 2013. Preferensi kumbang daun *Phyllotreta striolata* Fab. (Coleoptera: Chrysomelidae) terhadap berbagai tanaman Cruciferae dan upaya pengendaliannya dengan menggunakan insektisida klorpirifos. *Jurnal Hortikultur*. 23(3):235-243.
- Jung, G.A., R.E Kocher dan A. Glica. 1984. Minimum-Tillage Forage Turnip and Rape Production on Hill Land as Influenced Suppression and Fertilizer. *Agronomy Journal*. 1(76): 404-408.
- Lehmuskallio, E., J. Lehmuskallio, T. Maretniemi, J. Lakaniemi, S. Matintupa, J. Matintupa. 2017. Wild Turnip. Available at <http://www.luontoportti.com/suomi/en/kukkakasvit/wild-turnip>. Accession date 25 Feb 2017.
- Lehmuskallio, E., J. Lehmuskallio, T. Maretniemi, J. Lakaniemi, S. Matintupa, J. Matintupa. 2017. Rapeseed and Swede. Available at <http://www.luontoportti.com/suomi/en/kukkakasvit/rapeseed>. Accession date 25 Feb 2017.
- Li, G. and P.D. Kemp. 2005. Forage chicory (*Cichorium intybus*): A review of its agronomy and animal production. *Advances in Agronomy* 88: 187-222.
- Li, G.D., P. D. Kemp dan J. Hudgson. 1997. Regrowth, morphology and persistence of grassland Puna chicory (*Cichorium intybus* L.) in response to grazing frequency and intensity. *Grass and Forage Science*. 52(1): 33-41.
- Lokasari, T.A. 2009. Pengaruh pemberian pupuk urea dan dolomit terhadap perubahan pH tanah, serapan N dan P serta pertumbuhan tanaman jagung (*Zea mays* L.) pada ultisol. Skripsi. Fakultas Pertanian. Universitas Sumatera Utara. Medan.
- Lunn, G.D., M. Bullard, S. Holme and R. Blunt. 2003. Improvement of Oilseed Rape Establishment by Seed Selection or Seed Treatment. HGCA. Project Report.
- Macara, G.R. 2016. The climate and weather of Canterbury. NIWA Science and Technology Series. New Zealand.
- Mackintosh, L. 2001. Overview of New Zealand's climate. Available at <https://www.niwa.co.nz/education-and-training/schools/resources/climate/overview>. Accession date 13 Mar 2017.

- Minaar, H. R. 1984. A study of germination and flowering in *Chicorium intybus* L. Thesis. Departement of Plant Sciences. Rhodes University. Grahamstown.
- Nolte, K. 2015. Chicory. Availabe at <https://cals.arizona.edu/fps/sites/cals.arizona.edu/fps/files/cotw/chicory.pdf>. Accession date 4 Mar 2017.
- Notohadiprawiro, T. 2006. Persoalan tanah masam dalam pembangunan pertanian di Indonesia. <http://soil.blog.ugm.ac.id/files/2006/11/1980-Persoalan-tanah.pdf>. Accession date 11 Mar 2017.
- Osborn, T.C., C. Kole, I.A.P. Parkin, A. G. Sharpe, M. Kuiper, D. J. Lydiate dan M. Trick. 1997. Comparison of flowering time genes in *Brassica rapa*, *B. Napus* and *Arabidopsis thaliana*. *Genetics Society of America*. 1(1): 1125-1129
- Patuto, D. 2003. Root system. Availabe at <http://study.com/academy/lesson/function-of-roots-lesson-for-kids.html>. Accession date 14 Mar 2017.
- Pramudia, A, W. Estiningtyas, E. Susanti dan Suciantini. 2014. Fenomena dan Perubahan Iklim Indonesia serta Pemanfaatan Informasi Iklim untuk Kalender Tanam. IAARD Press. Jakarta.
- Prawiradiputra, B.R., Sajimin, N.D. Purwantari Dan I. Herdiawan. 2006. Hijauan Pakan Ternak di Indonesia. Badan Litbang Pertanian, Departemen Pertanian.
- Prawirowardoyo, S. 1996. Meteorologi. ITB Press. Bandung.
- Purbajanti, E.D. 2013. Rumput dan Legum sebagai Hijauan Makanan Ternak. Graha Ilmu. Yogyakarta.
- Putinella, J.A. Perbaikan sifat fisik tanah regosol dan pertumbuhan tanaman sawi (*Brassica juncea* L.) akibat pemberian bokashi ela sagu dan pupuk urea. *Jurnal Budidaya Pertanian*. 7(1): 35-40.
- Rukmana, R. 1994. Kubis. Penerbit Kanisius. Yogyakarta.
- Sadili, A. 2010. Struktur dan Komposisi Jenis Tumbuhan Herba dan Semai pada Habitat Satwa Herbivor di Suaka Marga Satwa Cikepuh, Sukabumi, Jawa Barat. *Jurnal Ilmu-ilmu Hayati*. LIPI. 10(1):51-58.
- SAPS. 2016. Structure of rapid cycle Brassica. [www.saps.org.uk/secondary/teaching-resources/546-the-structure-of-a-flowering-plant-brassica-rapa](http://www.saps.org.uk/secondary/teaching-resources/546-the-structure-of-a-flowering-plant-brassica-rapa).

- Setiawan, E. 2009. Kajian hubungan unsur iklim terhadap produktivitas cabe jamu (*Piper retrofractum Vahl*) di Kabupaten Sumenep. *Agrovigor*. 2(1): 1-7.
- Siddiqui, M.H., F. Mohammad, M. Masroor, A. Khan and M.H. Al-Whaibi. 2012. Cumulative Effect of Nitrogen and Sulphur on Brassica juncea L. Genotypes under NaCl Stress. 249: 139-153.
- Simion, C. 2012. *Chicorium intybus* L.: Morphology. Available at <http://greenlifeuniverse.com/species/chicorium-intybus.html>. Accession date 4 Mar 2017.
- Sitompul, S. M., dan B. Guritno. 1995. Analisis Pertumbuhan Tanaman. Gadjah Mada University Press. Yogyakarta.
- Soengas, P., M.E. Cartea, P. Velasco, G. Padilla, and A. Ordas. 2008. Morphologic and Agronomic Diversity of *Brassica napus* Crops. *Journal of the American Society for Horticultural Science*. 133(1): 48-54.
- Soepardi, G. 1983. Sifat dan ciri tanah. Jurusan Tanah. Fakultas Pertanian. Institut Pertanian Bogor.
- Stubbendieck, J., S. L Hatch dan N.M. Bryan. 2011. North American Wildland Plants. 2 ed. University of Nebraska Press. Lincoln, London.
- Sulistiono, W.R. 2008. Kajian Benzyl Amino Purine dan jenis pupuk organik terhadap pertumbuhan, hasil dan kandungan vitamin C pada kubis putih (*Brassica oleraceae* L.). Tesis. Program Studi Agronomi, Universitas Sebelas Maret. Surakarta.
- Susilawati, E. 2007. Pengaruh komposisi media terhadap perkecambahan dan pertumbuhan tanaman *Helichrysum bracteatum* dan *Zinnia elegans*. Skripsi. Fakultas Pertanian. Institut Pertanian Bogor.
- Syekhfani. 2001. Kesuburan Tanah. Penerbit Putra Media Nusantara. ITS. Surabaya
- Thomas, C.L., T.D. Alcock, N.S. Graham, R. Hayden, S. Matterson, L. Wilson, S.D. Young, L.X. Dupuy, P.J. White, J.P. Hammond, J.M.C. Danku, D.E. Salt, A. Sweeney, I. Bancroft, and M.R. Broadley. 2016. Root Morphology and Seed and Leaf Ionic Traits in a *Brassica napus* L. Diversity panel show wide phenotypic variation and are characteristic of crow habit. *BMC Plant Biology*. 16(214): 1-18.

- Tsimba, R., G.O. Edmeades, J.P. Millner and P.D. Kemp. 2013. The effect of planting date on maize grain yields and yield components. *Field Crops Research*. Elsevier. 1-10.
- USDA. 2008. Growth Habit Codes and Definitions. Available at [https://plants.usda.gov/growth\\_habits\\_def.html](https://plants.usda.gov/growth_habits_def.html) . Accession date 20 Feb 2017.
- USDA. 2011. Plant profile: *Brassica rapa* L. <https://plants.usda.gov/core/profile?symbol=BRRA> .
- USDA. 2011. Plant profile: *Chicorium intybus*. <https://plants.usda.gov/core/profile?symbol=ciin>.
- Utami, N.H. 2009. Kajian sifat fisik, sifat kimia dan sifat biologi tanah pasca tambang galian C pada tiga penutupan lahan. Skripsi. Fakultas Kehutanan. Institut Pertanian Bogor. Bogor.
- Walker, G., P. Wright, P. Cameron, J. Fletcher, M. Walker, S. Bulman and N. Berry. 2016. Pest, Natural enemies, diseases and disorders of vegetable Brassicas in New Zealand. Vegetables NZ Inc. And The New Zealand Institute for Plant and Food Reserach Limited. New Zealand.
- Waller, S.S., P.E Reece dan L.E. Moser. 1985. Understanding Grass Growth: The Key to Profitable Livestock Production. Trabon. Kansas.
- Westwood, C.T and H. Mulcock. 2012. Nutritional Evaluation of Five Species of Forage Brassica. *Proceedings of the New Zealand Grassland Association*. 74: 31-38.
- Williamson, G. dan W. J. A. Payne. 1993. Pengantar Peternakan di Daerah Tropik. Edisi Ketiga. Gadjah Mada University Press. Yogyakarta.
- Wilman, D., E.J. Mtengeti, and G. Moseley. 1996. Physical structure of twelve forage species in relation to rate of intake by sheep. *Journal of Agricultural Science*. 126(3): 277-285.
- Wrightson Seeds. 2016. Understanding Chicory. Availabe at <http://www.pggwrightsonseeds.com.au/assets/Uploads/iWRI3525-FF-Understanding-Chicory-v7.pdf>. Accession date 4 Mar 2017.
- Zaman, R. dan Sadiya N. B. 2013. A review article of Beekhe Kasni (*Cichorium intybus*) its traditional uses and pharmacological Actions. *Research Journal of Pharmaceutical Sciences*. 2(8): 1-4.



Zhao, J., X. Wang, B. Deng, P. Lou, J. Wu, R. Sun, Z. Xu, J. Vromans, M. Koornneef, and G. Bonnema. 2005. Genetic Relationships within *Brassica rapa* as inferred from AFLP Fingerprints. *Theor Appl Genetic*. 110: 1301-1314.