ABSTRAK

NURDIANA NASUTION: Pengembangan Buku Nonteks Berbasis Riset Karakterisasi Bawang Merah Varietas Sitapak (*Allium ascalonicum* L. var. *Sitapak)* di Kabupaten Samosir, Sumatera Utara.

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Penelitian ini bertujuan untuk menghasilkan produk berupa buku nonteks berbasis riset tentang bawang merah varietas Sitapak (*Allium ascalonicum* L. var. *Sitapak)* yang layak digunakan oleh mahasiswa biologi. Model pengembangan yang digunakan dalam penelitian ini adalah model pengembangan Thiagarajan (4D) yang terdiri dari tahap *define, design, development,* dan *disseminate*, namun dalam penelitian ini hanya sampai tahap *development*. Buku nonteks yang dikembangkan divalidasi oleh 4 ahli yaitu ahli materi, ahli desain pembelajaran, ahli Bahasa, dan ahli *layout*. Subjek uji coba yaitu ahli materi, ahli desain pembelajaran, ahli Bahasa, ahli *layout*, dan tanggapan mahasiswa. Hasil validasi produk oleh ahli materi sebesar 94,2% kategori "Sangat Baik", ahli desain pembelajaran sebesar 89,9% kategori "Sangat Baik", ahli bahasa 86,6% kategori "Sangat Baik", ahli *layout* sebesar 81,75% kategori "Sangat Baik", dan tanggapan mahasiswa terhadap buku dari perorangan, kelompok kecil, dan kelompok terbatas berturut-turut sebesar 87,2%; 83,88%; dan 82,56% kategori "Sangat Baik". Dapat disimpulkan bahwa produk dapat dimanfaatkan sebagai buku pendukung dalam kegiatan pembelajaran dapat meningkatkan pengetahuan mahasiswa mengenai bawang merah varietas Sitapak.

Kata Kunci: Buku Nonteks, Karakterisasi, dModel Pengembangan 4D, dan Bawang Merah Varietas Sitapak.

ABSTRACT

NURDIANA NASUTION: Development of Non-teks Book Based on Research Characterization Sitapak Variety of Shallot (*Allium ascalonicum* L. var. *Sitapak)* in Samosir Regency, North Sumatera

The aim of the study was to produce a product in the form of a non-text book based on research about red shallot Sitapak variety (*Allium ascalonicum* L. var. *Sitapak)* that are suitable for use biology student. The development model used in this study is the Thiagarajan (4D) development model which consist of define, design, development, and disseminate, but the research phase is only up to development. The non-text book developed was validated by four expert, namely material expert, learning design expert, language expert, and layout expert. the test subjects were material expert, learning design expert**,** language expert, layout expert, and student responses. The result of product validation by material expert amounted to 94,2% in the category of "Very Good", learning design expert amounted to 89,9% in the category of "Very Good"**,** language expert amounted to 86,6% in the category of "Very Good", layout expert amounted to 81,75% in the category of "Very Good", and according student responses was 87,2%; 83,88%; and 82,56% in the category of "Very Good". It can be concluded that the product can be used as a supporting book in learning activities and can increase student's knowledge about the Sitapak variety of shallots.

Key words: Non-text book, 4D Development Model, Characterization, and Sitapak Variety of Shallot