

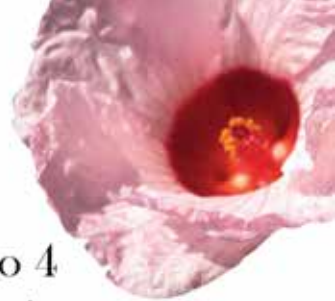


TEKNOLOGI INOVATIF PERTANIAN



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Rosela Herbal Varietas Roselindo 4 *Rosela Herbal Varietas Roselindo 4*

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Rosela herbal varietas Roselindo 4 (jenis ungu) merupakan varietas hasil seleksi massa dari genotipe introduksi IJO (*International Jute Organization*) karena memiliki keunggulan produksi dan kandungan vitamin C tinggi. Produktivitas kelopak kering $42,64 \pm 15,60$ g, vitamin C 988,682 mg/100g dan kadar antosianin 9,814 mg/kg. Moderat terhadap *Fusarium* sp., peka terhadap fotoperiodisitas dan adaptasi luas.

Digunakan untuk pembuatan teh rosela, sirup, selai, jelli, salad buah, saus, jus, pewarna alami, cuka rosela, dll. Mengandung vitamin C, A, B1, B2, D, dan niasin. Serta antosianin, gossipectin, glucoside hibiscin dan flavonoid, yang bermanfaat sebagai pencegah penyakit yang diakibatkan oleh radikal bebas, seperti darah tinggi, ginjal, diabetes, jantung koroner, dan pencegah kanker mulut rahim.

Sangat cocok dikembangkan di lahan sawah tadah hujan, lahan kering, dan lahan marginal (PMK, gambut bahkan lahan berbatu). Tumbuh baik di dataran rendah sampai sedang.

The Roselindo 4 variety (purple type) was developed through a mass selection from introduction of IJO (*International Jute Organization*) genotype. It has advantages over other varieties of rosella such as high yield potential, high C vitamin and anthocyanin content. Yield of dry sepal is 42.64 ± 15.60 g, the content of C vitamin is 988,682 mg/100g and anthocyanin is 9.814 mg/kg. The variety is moderately tolerant to *Fusarium* sp., sensitive to photoperiod. The variety has a wide adaptation.

Rosella can be utilized as rosella tea, syrup, jelly, salad, juice, natural dye, vinegar, etc. The sepals are rich of C, A, B1, B2, and D vitamin. It also contains anthocyanin, gossipectin, glucoside hibiscin and flavonoid. Consuming the herbal rosella that is rich of secondary metabolites can prevent human from high blood pressure, diabetes, coronary heart, kidney problem, cancer, etc. The herbal rosella can be planted in rainfed area, upland, and in marginal lands. It grows very well in area from low up to medium high area.