

Tree factsheet

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***Peltogyne venosa* Benth.**

editor of this page Leo Goudzwaard

| | |
|-----------------------------------|---|
| taxonomy | |
| author, year | Benth., |
| synonym | |
| family | caesalpiniaceae |
| Eng. Name | amarante, amaranth, violetwood |
| other names | guarabu, pau roxo, roxinho (Brasil), tananeo (Colombia), amarante, bois violet (Fr. Guiana), purpleheart, koroborelli (Guyane), amaranth (USA), etc. |
| Dutch name | purperhart |
| subspecies | |
| varieties | |
| hybrids | |
| references | http://en.wikipedia.org/wiki/Purpleheart |
| | http://tropix.cirad.fr/ame/amarante.pdf |
| | Wiselius, I. 2000. Hout vademecum. Ten Hagen Stam |
| | http://www2.fpl.fs.fed.us/TechSheets/Chudnoff/TropAmerican/html_files/peltoq1new.html |
| morphology | |
| crown habit | straight bole |
| max. height (m) | 38-45 |
| max. dbh (cm) | 100 |
| actual sizes –location, country - | |
| oldest tree –location- | |
| leaf length (cm) | |
| leaf petiole (cm) | |
| leaf colour upper surface | green |
| leaf colour under surface | green |
| leaves arrangement | |
| flowering | |
| flowering plant | |
| flower | |
| flower diameter pollen cones (cm) | |
| inflorescence description, length | |
| pollination | |
| fruit description | |
| fruiting period | |
| fruit; length (cm) | |
| fruit petiole; length (cm) | |
| seed; length (cm) | |
| seed-wing length (cm) | |
| weight of 1000 seeds (kg) | |
| seeds ripen | |
| seed dispersal | |
| seed longevity, dormancy | |
| habitat | |
| natural distribution | tropical South and Central America |
| introduced countries | |
| area natural habitat (ha) | |
| soil type | |

| | |
|--|---|
| water | |
| pH-KCl | |
| soil fertility | |
| light | |
| temperature | |
| “optimum natural development” | |
| remarks | |
| | |
| management | |
| status natural range | |
| status introduced range | |
| application | |
| propagation | |
| regeneration | |
| optimal gap size for regeneration | |
| resprouting after cutting | |
| growth rate | |
| diseases | |
| insects | |
| | |
| ecology | |
| plant communities / associations | |
| associated trees | |
| | |
| wood | |
| trade name | Amarante, Amaranth |
| wood structures key characteristics | |
| density heartwood (kg/m ³) | (700-) 750 – 900 (-1050) (at 12% moisture content) |
| elastic modulus (N/mm ²) | 18400 |
| total above ground biomass | |
| fungi class durability heartwood | 2-3; durable |
| heartwood colour | purple |
| sapwood colour | white to grey brown |
| contents | |
| products | decoration work, small furniture, flooring; in native countries also for construction |
| market | |
| | |
| non-timber products | |
| | |



Purpleheart Tree

image © http://www.iwokrama.org/newsletter/dec05/images/en_purpletree.jpg



flower of Andiroba © Mauroguanand, Wikipedia



flower of Andiroba © Mauroguanand, Wikipedia