



**MEMORANDUM**

FOR / TO : All Regional Directors  
All Regional Technical Directors for Forestry  
All PENROs and CENROs

FROM : The Director, Forest Management Bureau /  
National Coordinator, NGP

SUBJECT : **FMB TECHNICAL BULLETIN NO. 12 - SPECIFICATIONS  
/STANDARDS FOR ARABICA HIGHLAND COFFEE AND  
LOWLAND LIBERICA COFFEE VARIETIES**

DATE : **NOV 14 2014**

Highland Arabica and Lowland Liberica coffee varieties are important high value crops that would help boost the country's economy eligible for support by DENR through the National Greening Program. It is our intent that planting stocks of Arabica and Liberica are good quality, pest-resistant and can produce high yield.

This FMB Bulletin No. 12 enumerates the specifications/standards and parameters in planting, provide guidance to all DENR field office in the implementation of the program.

| <b>Prescribed Technical Specifications / Standards in Producing and / or Procuring Arabica and Liberica Coffee</b> |                                   |
|--|-----------------------------------|
| • Sexually or Asexually produced   | • Seed or Grafted or Budded       |
| • Minimum height for planting  | • At least 1.5 feet               |
| • Minimum age of seedlings for planting  | • 4 months old hardened seedlings |
| • Minimum pairs of leaves  | • 4 leaves                        |
| • Seedling source  | • Supplier with BPI Accreditation |
| • Plastic/Polyethylene bags  | • 5x6 inches in size              |
| • Soil depth   | • 40 cm x 40 cm x 40 cm           |
| • Soil pH  | • 5.5- 6.5                        |
| • Pruning  | • Yearly after harvesting         |

| <b>Parameters for Planting Arabica and Liberica Coffee</b> |   |
|--|---|
| • Recommended spacing and density / hectare for monocrop   | • For Arabica, spacing could be 2m x 3m or 1,667 seedlings/hectare or 2m x 5m or 1,000 seedlings/hectare.<br>• For Liberica, spacing could be 3m x 3m or 1,111 seedlings/hectare or 2.5m x 4m or 1,000 seedlings/hectare. |

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| <ul style="list-style-type: none"> <li>• Recommended spacing and density per hectare for intercrops</li> </ul> | <ul style="list-style-type: none"> <li>• For Arabica, under pine trees – spacing shall be 2m x 3m or 1,667 seedlings/ha</li> <li>• For Liberica, under coconut trees spacing shall be 3m x 3m or 1,111 seedlings/ha</li> </ul>   |
| <ul style="list-style-type: none"> <li>• Recommended spacing based on altitude</li> </ul>                      | <ul style="list-style-type: none"> <li>• Between 750 - 2,000 meters above sea level for Arabica, spacing shall be 2m x 3m</li> <li>• Up to 1,000 meters above sea level for Liberica coffee, spacing shall be 3m x 3m</li> </ul> |

Price of Arabica and Liberica seedlings is P30.00 inclusive of transportation and training/seminar cost.

FOR INFORMATION AND GUIDANCE

  
**RICARDO L. CALDERON, CESO III**