

## APPENDIX 1: SURVEY DATA

**Table 3: Data For Plot A, New Landslide Area, Good Soil**  
Planted 21/12/44 (03/09/88), 1st survey 09/06/45 (25/09/88), 2nd survey 16/11/45 (27/02/89)

| No. | Species | Planting Method | No./ Length of Shoots (cm) | No./Length of Nodes (cm) | Comments                       |
|-----|---------|-----------------|----------------------------|--------------------------|--------------------------------|
| 1   | Laurei  | Root/up         | 2/60-90                    | -----                    |                                |
| 2   | Laurei  | Root/up         | 1/30                       | 31/75                    | Shoot 0-5 cm diameter          |
| 3   | Laurei  | Root/up         | -----                      | 30/30-45                 |                                |
| 4   | Laurei  | Root/up         | -----                      | 36/30-60                 |                                |
| 5   | Dhanu   | Root/up         | -----                      | -----                    | * DEAD *                       |
| 6   | Laurei  | Root/up         | 1/5                        | -----                    |                                |
| 7   | Laurei  | Root/up         | 4/30-60                    | -----                    |                                |
| 8   | Laurei  | Root/up         | 1/30                       | 1/20                     |                                |
| 9   | Laurei  | Root/up         | 5/40-100                   | 5/15-50                  |                                |
| 10  | Laurei  | Root/up         | 7/25-135                   | 12/25-45                 |                                |
| 11  | Laurei  | Root/up         | 10/20-70                   | 12/15-35                 |                                |
| 12  | Laurei  | Root/up         | -----                      | -----                    | Still green                    |
| 13  | Laurei  | Root/up         | 3/35-50                    | -----                    |                                |
| 14  | Laurei  | Root/up         | -----                      | -----                    | * DEAD * (Killed in landslide) |
| 15  | Laurei  | Root/up         | -----                      | -----                    | * DEAD * (Killed in landslide) |
| 16  | Laurei  | Root/up         | 3/85-95                    | -----                    |                                |
| 17  | Laurei  | Root/up         | 1/20                       | -----                    |                                |
| 18  | Laurei  | Root/up         | 6/25-80                    | 2/10-30                  |                                |
| 19  | Laurei  | Root/up         | 25/35-45                   | -----                    |                                |

|    |         |             |           |          |                        |
|----|---------|-------------|-----------|----------|------------------------|
| 20 | Dhanu   | Root/up     | -----     | -----    | * DEAD *               |
| 21 | Dhanu   | Root/up     | 1/110     | -----    |                        |
| 22 | Dhanu   | Root/up     | 1/300     | 9/70-135 | Shoot 1.5 cm diameter  |
| 23 | Laurei  | {long       | 2/300-550 | 50/180   | Shoots still growing   |
| 24 | Laurei  | {culms &    | 2/20-210  | -----    | Shoot 1.25 cm diameter |
| 25 | Dhanu   | {roots      | -----     | 6/40-100 |                        |
| 26 | Dhanu   | {horizontal | -----     | 2/75-100 |                        |
| 27 | Tama K. | M/B         | -----     | 25/15-20 |                        |
| 28 | Tama K. | M/B         | -----     | 5/15-60  |                        |
| 29 | Tama K. | M/B         | -----     | -----    | * DEAD *               |
| 30 | Tama K. | M/B         | -----     | -----    | * DEAD *               |

**KEY: Root/up = rooted upright rhizomes cutting. M/B = Man Bahadur's method.**

**Table 4: Data From Plot B, New Landslide Area, Very Poor Soil  
Planted 21/12/44 (03/04/88), 1st survey 10/06/45 (26/08/88), 2nd survey 16/11/45 (27/02/89)**

| No. | Species | Planting Method | No. L/Shoots | No./Nodes  | Comments          |
|-----|---------|-----------------|--------------|------------|-------------------|
| 1   | Laurei  | Layer           | 5/15-25      | -----      |                   |
| 2   | Tama K. | Layer           | 12/100/120   | 10/120-220 |                   |
| 3   | Taru    | Layer           | 4/75-95      | 60/40-55   | Roots & long pole |
| 4   | Tama S. | Layer           | 7/85-200     | -----      |                   |
| 5   | Dhanu   | Layer           | 7/150-500    | 100-65-120 |                   |
| 6   | Leiwa   | Layer           | 4/30-45      | -----      |                   |
| 7   | Laurei  | M/B             | -----        | -----      | * DEAD *          |
| 8   | Ghopi   | Layer           | 24/35-100    | 15/40-45   |                   |
| 9   | Laurei  | Root/up         | -----        | -----      | * DEAD *          |

|    |         |         |          |           |              |
|----|---------|---------|----------|-----------|--------------|
| 10 | Laurei  | Root/up | -----    | -----     | * DEAD *     |
| 11 | Tama K. | Cutting | 2/20-130 | 4/65-105  | See Note (1) |
| 12 | Laurei  | Root/up | -----    | -----     | * DEAD *     |
| 13 | Laurei  | Root/up | -----    | -----     | * DEAD *     |
| 14 | Laurei  | Root/up | 1/90     | -----     |              |
| 15 | Laurei  | Root/up | -----    | -----     | * DEAD *     |
| 16 | Laurei  | Root/up | 1/50     | 31/25-75  |              |
| 17 | Laurei  | Root/up | -----    | -----     | * DEAD *     |
| 18 | Laurei  | Root/up | -----    | 15/20-45  |              |
| 19 | Laurei  | Root/up | 1/8      | -----     |              |
| 20 | Laurei  | Root/up | -----    | 12/25-65  |              |
| 21 | Dhanu   | Root/up | -----    | -----     | * DEAD *     |
| 22 | Dhanu   | Root/up | -----    | 75/75-200 | Very healthy |

**Table 5: Data For Plot C, Wet Hill Testing Area For Culm Cuttings**  
**Planted: 06/01/45 (19/04/88), 1st survey 10/06/45 (26/09/88), 2nd survey 16/11/45 (27/02/89)**

| No. | Species | Planting Method | No. L/Shoots | No./Nodes | Comments |
|-----|---------|-----------------|--------------|-----------|----------|
| 1   | Dhanu   | Root/up         | -----        | 17/65-150 |          |
| 2   | Dhanu   | Root/up         | -----        | -----     | * DEAD * |
| 4   | Dhanu   | Root/up         | -----        | 21/80-250 |          |
| 4   | Dhanu   | Root/up         | -----        | 21/70-225 |          |
| 5   | Dhanu   | Root/up         | -----        | 17/75-200 |          |
| 6   | Tama K. | M/B             | -----        | 11/45-100 |          |
| 7   | Tama K. | M/B             | -----        | 5/65-115  |          |
| 8   | Tama K. | M/B             | -----        | 3/40-100  |          |

|    |         |     |           |          |             |
|----|---------|-----|-----------|----------|-------------|
| 9  | Tama K. | M/B | 3/50-85   | 12/20-50 |             |
| 10 | Tama K. | M/B | 2/27-85   | 2/25-85  |             |
| 11 | Ghopi   | S/H | ----      | ----     | * DEAD *    |
| 12 | Ghopi   | S/V | ----      | ----     | * DEAD *    |
| 13 | Ghopi   | D/V | ----      | ----     | * DEAD *    |
| 14 | Ghopi   | S/V | 4/20-50   | ----     | Died Later? |
| 15 | Ghopi   | D/H | ----      | ----     | * DEAD *    |
| 16 | Ghopi   | S/V | ----      | ----     | * DEAD *    |
| 17 | Leiwa   | S/V | 1/55      | ----     |             |
| 18 | Leiwa   | D/H | ----      | ----     | * DEAD *    |
| 19 | Leiwa   | S/V | ----      | ----     | * DEAD *    |
| 20 | Leiwa   | D/V | ----      | 1/30     | Died Later? |
| 21 | Leiwa   | S/V | ----      | ----     | * DEAD *    |
| 22 | Leiwa   | S/V | ----      | ----     |             |
| 23 | Tama K. | S/V | ----      | ----     | * DEAD *    |
| 24 | Tama K. | D/H | 2/120-130 | ----     | V. Healthy  |
| 25 | Tama K. | S/V | 1/40      | ----     | Died Later? |
| 26 | Tama K. | D/V | 3/70-90   | ----     |             |
| 27 | Tama K. | S/V | ----      | ----     | * DEAD *    |
| 28 | Tama K. | D/H | 1/200     | ----     |             |
| 29 | Tama S. | S/V | 2/60-80   | ----     | Died Later? |
| 30 | Tama S. | D/H | 3/30-50   | ----     |             |
| 31 | Tama S. | S/V | ----      | ----     |             |
| 32 | Tama S. | D/V | 1/100     | ----     | Died Later? |
| 33 | Tama S. | S/V | 6/75-135  | ----     |             |

|    |         |     |           |         |            |
|----|---------|-----|-----------|---------|------------|
| 34 | Tama S. | D/H | 1/140     | ----    | V. Healthy |
| 35 | Taru    | D/V | 1/100     | 2/25-55 |            |
| 36 | Taru    | D/H | 6/50-125  | ----    |            |
| 37 | Taru    | S/V | 1/55      | 4/15-35 |            |
| 38 | Taru    | S/V | 3/35-80   | ----    |            |
| 39 | Taru    | D/V | 4/20-100  | ----    |            |
| 40 | Taru    | D/H | 1/60      | ----    |            |
| 41 | Dhanu   | S/V | ----      |         | * DEAD *   |
| 42 | Dhanu   | S/V | 1/40      |         |            |
| 43 | Dhanu   | D/H | ----      |         |            |
| 44 | Dhanu   | D/H | 4/150-190 |         | * DEAD *   |
| 45 | Dhanu   | D/V | 1/150     |         |            |
| 46 | Dhanu   | D/H | 6/70-110  |         |            |
| 47 | Laurei  | S/H | ----      |         | * DEAD *   |
| 48 | Laurei  | D/H | ----      |         | * DEAD *   |
| 49 | Laurei  | D/V | ----      |         | * DEAD *   |
| 50 | Laurei  | D/H | ----      |         | * DEAD *   |

**Root/up = Rooted Upright Rhizome Cutting. M/B = Man Bahadur's Method. S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment**

**Plants marked "Died Later?" were recorded in the dry season. They had lost their leaves, but it was not clear whether or not they would sprout again in the 1989 monsoon. In the Results section they are counted as "Dead".**

**Table 6: Data For Plot D, Dry Hill Testing Area For Culm Cuttings**  
**Planted: 23/12/44 (05/04/88), 1st survey: 10/06/45 (26/09/88), 2nd survey: 16/11/45 (27/02/89)**

| No. | Species | Planting Method | No. L/Shoots | No./Nodes | Comments    |
|-----|---------|-----------------|--------------|-----------|-------------|
| 1   | Ghopi   | S/V             | 1/50         |           | Died Later? |

|    |         |     |          |          |             |
|----|---------|-----|----------|----------|-------------|
| 2  | Ghopi   | D/H | 1/35     |          | Died Later? |
| 3  | Ghopi   | S/V | -----    | -----    | * DEAD *    |
| 4  | Ghopi   | D/V | 1/35     | -----    | Died Later? |
| 5  | Ghopi   | S/V | -----    | -----    | * DEAD *    |
| 6  | Ghopi   | D/H | 2/40-45  | -----    | Died Later? |
| 7  | Leiwa   | S/V | -----    | -----    | * DEAD *    |
| 8  | Leiwa   | D/H | -----    | -----    | * DEAD *    |
| 9  | Leiwa   | S/V | -----    | -----    | * DEAD *    |
| 10 | Leiwa   | D/V | -----    | -----    | * DEAD *    |
| 11 | Leiwa   | S/V | -----    | -----    | * DEAD *    |
| 12 | Leiwa   | D/H | -----    | -----    | * DEAD *    |
| 13 | Tama K. | S/V | 4/50-80  | -----    |             |
| 14 | Tama K. | D/H | -----    | -----    | * DEAD *    |
| 15 | Tama K. | S/V | 4/30-100 | -----    |             |
| 16 | Tama K. | D/V | 1/210    | -----    | V. Healthy  |
| 17 | Tama K. | S/V | 2/25-60  | -----    | Died Later? |
| 18 | Tama K. | D/H | 1/110    | -----    | Died Later? |
| 19 | Tama S. | S/V | 2/50-90  | -----    |             |
| 20 | Tama S. | D/H | 2/45-65  | -----    |             |
| 21 | Tama S. | S/V | 2/65-80  | -----    |             |
| 22 | Tama S. | D/V | 4/30-80  | -----    |             |
| 23 | Tama S. | S/V | 6/25-30  | -----    |             |
| 24 | Tama S. | D/H | 2/35-50  | -----    |             |
| 25 | Taru    | D/V | 1/65     | 8/10-30  |             |
| 26 | Taru    | D/H | 1/40     | 14/15-45 |             |

|    |        |     |          |          |                             |
|----|--------|-----|----------|----------|-----------------------------|
| 27 | Taru   | S/V | 1/25     | 3/10-15  |                             |
| 28 | Taru   | S/V | 1/35     | 12/20-45 |                             |
| 29 | Taru   | D/V | 1/110    | 3/30-40  |                             |
| 30 | Taru   | D/H | 3/40-110 | -----    |                             |
| 31 | Dhanu  | S/V | 1/65     | -----    |                             |
| 32 | Dhanu  | S/V | 1/75     | -----    |                             |
| 33 | Dhanu  | D/H | 1/35     | 5/65-105 | Well developed 1 year shoot |
| 34 | Dhanu  | D/H | 1/105    | -----    |                             |
| 35 | Dhanu  | D/V | 1/155    | -----    |                             |
| 36 | Dhanu  | D/H | 1/65     | -----    |                             |
| 37 | Dhanu  | D/H | -----    | -----    | * DEAD *                    |
| 38 | Laurei | D/V | -----    | -----    | * DEAD *                    |
| 39 | Laurei | D/H | -----    | -----    | * DEAD *                    |
| 40 | Laurei | D/H | -----    | -----    | * DEAD *                    |

S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.

Plants marked "Died Later?" were recorded in the dry season. They had lost their leaves, but it was not clear whether or not they would sprout again in the 1989 monsoon. In the Results section they are counted as "Dead".

**Table 7: Data For Plot E, Dry Hill Testing Area For Rhizomes**  
Planted: 21/12/44 (03/04/88), 1st survey: 10/06/45 (26/09/88), 2nd survey: 16/11/45 (27/02/89)

| No. | Species | Planting Method | No. L/Shoots | No./Nodes | Comments |
|-----|---------|-----------------|--------------|-----------|----------|
| 1   | Laurei  | Root/up         | 2/15-30      | -----     |          |
| 2   | Laurei  | Root/up         | 1/15         | 4/10-20   |          |
| 3   | Laurei  | Root/up         | -----        | 6/45-85   |          |
| 4   | Laurei  | Root/up         | -----        | -----     | * DEAD * |

|    |         |         |           |            |               |
|----|---------|---------|-----------|------------|---------------|
| 5  | Dhanu   | Root/up | -----     | 35/120-220 |               |
| 6  | Dhanu   | Root/up | -----     | -----      | * DEAD *      |
| 7  | Dhanu   | Root/up | 5/15-30   | -----      |               |
| 8  | Dhanu   | Root/up | 1/200     | -----      |               |
| 9  | Taru    | Root/up | -----     | 17/55-90   | Died Later?   |
| 10 | Taru    | Root/up | 6/15-35   | -----      |               |
| 11 | Taru    | Root/up | -----     | 22/30-60   |               |
| 12 | Tama S. | Root/up | -----     | -----      | * DEAD *      |
| 13 | Tama S. | Root/up | -----     | -----      | * DEAD *      |
| 14 | Tama S. | Root/up | 2/40-80   | -----      | Died Later?   |
| 15 | Tama S. | Root/up | -----     | -----      | * DEAD *      |
| 16 | Tama S. | Root/up | 5/100-120 | 5/15-100   |               |
| 17 | Tama K. | Root/up | -----     | -----      | * DEAD *      |
| 18 | Tama K. | Root/up | -----     | 14/50-110  |               |
| 19 | Tama K. | Root/up | -----     | 35/25-100  |               |
| 20 | Tama K. | Root/up | -----     | -----      | * DEAD *      |
| 21 | Ghopi   | Root/up | -----     | 3/30-60    |               |
| 22 | Ghopi   | Root/up | -----     | 15/30-60   |               |
| 23 | Ghopi   | Root/up | -----     | -----      | * DEAD *      |
| 24 | Ghopi   | Root/up | -----     | 40/25-80   |               |
| 25 | Leiwa   | Root/up | 1/65      | -----      |               |
| 26 | Leiwa   | Root/up | -----     | -----      | * DEAD *      |
| 27 | Leiwa   | Root/up | -----     | -----      | * DEAD *      |
| 28 | Leiwa   | Root/up | -----     | -----      | * DEAD *      |
| 29 | Dhanu   | Root/up | 1/400     | -----      | <b>Note 1</b> |



|    |       |         |                   |            |   |
|----|-------|---------|-------------------|------------|---|
| 30 | Dhanu | Root/up | 6/120-200         | -----      | <b>Note 1</b>                               |
| 31 | Dhanu | Root/up | -----             | -----      | <b>Note 1* DEAD *</b>                       |
| 32 | Dhanu | Root/up | 1/350             | -----      | <b>Note 1</b>                               |
| 33 | Dhanu | Root/up | 4/120-200         | -----      | <b>Note 1</b> New culm 85 cm, 5 cm diameter |
| 34 | Dhanu | Root/up | 2/200-500         | 13/50-100  | <b>Note 1</b>                               |
| 35 | Dhanu | Root/up | -----             | 28/100-200 |   |
| 36 | Dhanu | Root/up | -----             | 15/100-150 |   |
| 37 | Dhanu | Root/up | -----             | 12/50-120  |   |
| 38 | Dhanu | Root/up | 1/? <b>Note 2</b> | 18/100-250 | New culm 4 cm diameter                      |
| 39 | Dhanu | Root/up | 1/400             | 40/110-300 |   |
| 40 | Dhanu | Root/up | 2/100-150         | 29/80-200  |   |

**Not e 1: No's 29-34 are short-poled cuttings. Note 2: Final height not yet attained. Root/up = Rooted upright rhizome cutting.**

**Table 8: Data For Plot F, Stream-side Testing Area For Rhizomes**  
**Planted: 31/12/44 (03/04/88), 1st survey: 11/06/45 (27/09/88), 2nd survey: 16/11/45 (27/02/89)**

| No. | Species | Planting Method | No. L/Shoots | No./Nodes | Comments |
|-----|---------|-----------------|--------------|-----------|----------|
| 1   | Tama K. | Root/up         | -----        | -----     | * DEAD * |
| 2   | Tama K. | Root/up         | -----        | -----     | * DEAD * |
| 3   | Tama K. | Root/up         | -----        | -----     | * DEAD * |
| 4   | Tama K. | Root/up         | 3/20-40      | 20/50-120 |          |
| 5   | Leiwa   | Root/up         | -----        | -----     | * DEAD * |
| 6   | Tama S  | Root/up         | -----        | 1/85      |          |
| 7   | Ghopi   | S/N: Vert       | -----        | -----     | * DEAD * |
| 8   | Ghopi   | Root/up         | -----        | -----     | * DEAD * |
| 9   | Leiwa   | Layer           | -----        | -----     | * DEAD * |

|    |         |         |           |           |              |
|----|---------|---------|-----------|-----------|--------------|
| 10 | Leiwa   | Root/up | -----     | -----     | * DEAD *     |
| 11 | Ghopi   | Root/up | -----     | 4/25-70   | Very weak    |
| 12 | Ghopi   | Root/up | -----     | -----     | * DEAD *     |
| 13 | Laurei  | Root/up | -----     | -----     | * DEAD *     |
| 14 | Laurei  | Root/up | -----     | 12/15-30  |              |
| 15 | Laurei  | Layer   | -----     | -----     | * DEAD *     |
| 16 | Laurei  | Root/up | -----     | 32/15-35  |              |
| 17 | Laurei  | Root/up | -----     | 35/25-60  |              |
| 18 | Dhanu   | Root/up | -----     | 9/70-130  |              |
| 19 | Dhanu   | Root/up | -----     | -----     | * DEAD *     |
| 20 | Dhanu   | Layer   | 2/25-400  | 10/40-150 |              |
| 21 | Taru    | Layer   | 8/65-100  | 37/40-110 |              |
| 22 | Tama S. | Root/up | -----     | -----     | * DEAD *     |
| 23 | Dhanu   | Root/up | 1/130     | 22/50-300 |              |
| 24 | Dhanu   | Root/up | -----     | 18/25-250 |              |
| 25 | Taru    | Root/up | 1/100     | 27/55-150 |              |
| 26 | Taru    | Root/up | 2/120-230 | 22/40-120 | Very Healthy |
| 27 | Tama S. | Root/up | -----     | 36/80-500 | Died Later?  |
| 28 | Taru    | Root/up | -----     | -----     | * DEAD *     |
| 29 | Taru    | Root/up | -----     | 29/45-200 |              |
| 30 | Tama S. | Root/up | 5/120-230 | -----     |              |
| 31 | Taru    | Root/up | -----     | 45/60-200 |              |
| 32 | Tama S. | Root/up | -----     | 16/60-180 |              |
| 33 | Leiwa   | Root/up | -----     | -----     | * DEAD *     |
| 34 | Leiwa   | Root/up | -----     | -----     | * DEAD *     |

|    |       |         |       |       |          |
|----|-------|---------|-------|-------|----------|
| 35 | Leiwa | Root/up | ----- | ----- | * DEAD * |
| 36 | Leiwa | Root/up | ----- | ----- | * DEAD * |

**Rott/up = Rooted upright rhizome cutting. Later = Layered Rhizome cutting. S = Single Node Cutting. H = Horizontal branch alignment.**

**Plants marked "Died Later?" were recorded in the dry season. They had lost their leaves, but it was not clear whether or not they would sprout again in the 1989 monsoon. In the Results section they are counted as "Dead".**

## **APPENDIX 2: PROCESSED DATA**

**Table 9a: Processed Data for Plot C - Dhanu**

| Species      | Planting Method | No. Planted | No. Left | Percent Survival | Comments         |
|--------------|-----------------|-------------|----------|------------------|------------------|
| <b>Dhanu</b> | S/V             | 2           | 1        | 50               | Double node best |
|              | D/H             | 3           | 3        | 100              |                  |
|              | D/V             | 1           | 1        | 100              |                  |
|              | <b>TOTAL</b>    | 6           | 5        |                  | Mean: 83%        |

**S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.**

**Table 9b: Processed Data for Plot C - Ghopi**

| Species      | Planting Method | No. Planted | No. Left | Percent Survival | Comments      |
|--------------|-----------------|-------------|----------|------------------|---------------|
| <b>Ghopi</b> | S/H             | 1           | 0        | 0                | Rhizomes only |
|              | S/V             | 3           | 0        | 0                |               |
|              | D/H             | 1           | 0        | 0                |               |
|              | D/V             | 1           | 0        | 0                |               |
|              | <b>TOTAL</b>    | 6           | 0        |                  | Mean: 0%      |

**S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.**

**Table 9c: Processed Data for Plot C - Laurei**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments                          |
|---------|-----------------|-------------|----------|------------------|-----------------------------------|
| Laurei  | S/H             | 1           | 0        | 0                | Recommendation: use rhizomes only |
|         | D/H             | 2           | 0        | 0                |                                   |
|         | D/V             | 1           | 0        | 0                |                                   |
|         | <b>TOTAL</b>    | 4           | 0        |                  | Mean: 0%                          |

**S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.**

**Table 9d: Processed Data for Plot C - Leiwa**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments          |
|---------|-----------------|-------------|----------|------------------|-------------------|
| Leiwa   | S/V             | 3           | 1        | 33               | Use rhizomes only |
|         | D/H             | 2           | 0        | 0                |                   |
|         | D/V             | 1           | 1        | 100              |                   |
|         | <b>TOTAL</b>    | 6           | 2        |                  | Mean: 33%         |

**S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.**

**Table 9e: Processed Data for Plot C - Tama K.**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments         |
|---------|-----------------|-------------|----------|------------------|------------------|
| Tama K. | S/V             | 3           | 2        | 66               | Double node best |
|         | D/H             | 2           | 2        | 100              |                  |
|         | D/V             | 1           | 1        | 100              |                  |
|         | <b>TOTAL</b>    | 6           | 5        |                  | Mean: 83%        |

**S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.**

alignment.

**Table 9f: Processed Data for Plot C - Tama S.**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments  |
|---------|-----------------|-------------|----------|------------------|-----------|
| Tama S. | S/V             | 3           | 2        | 66               |           |
|         | D/H             | 2           | 1        | 50               |           |
|         | D/V             | 1           | 0        | 0                |           |
|         | <b>TOTAL</b>    | 6           | 3        |                  | Mean: 50% |

S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.

**Table 9g: Processed Data for Plot C - Taru**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments      |
|---------|-----------------|-------------|----------|------------------|---------------|
| Taru    | S/V             | 2           | 2        | 100              | No difference |
|         | D/H             | 2           | 2        | 100              |               |
|         | D/V             | 2           | 2        | 100              |               |
|         | <b>TOTAL</b>    | 6           | 6        |                  | Mean: 100%    |

S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.

**Table 10: Wet Site Results**

| Species | No. Planted | No. Surviving | Percent survival |
|---------|-------------|---------------|------------------|
| Dhanu   | 6           | 6             | 100              |
| Ghopi   | 6           | 0             | 0                |
| Laurei  | 4           | 0             | 0                |
| Leiwa   | 6           | 0             | 0                |
| Tama K. | 6           | 3             | 50               |

|         |   |   |     |
|---------|---|---|-----|
| Tama S. | 6 | 6 | 100 |
| Taru    | 6 | 6 | 100 |

**Table 11a: Processed Data for Plot D - Dhanu**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments                      |
|---------|-----------------|-------------|----------|------------------|-------------------------------|
| Dhanu   | S/V             | 3           | 3        | 100              | No difference between S & D/V |
|         | D/H             | 2           | 2        | 100              |                               |
|         | D/V             | 1           | 1        | 100              |                               |
|         | <b>TOTAL</b>    | 6           | 6        |                  | Mean: 100%                    |

**S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.**

**Table 11b: Processed Data for Plot D - Ghopi**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments          |
|---------|-----------------|-------------|----------|------------------|-------------------|
| Ghopi   | S/V             | 3           | 0        | 0                | Use rhizomes only |
|         | D/H             | 2           | 0        | 0                |                   |
|         | D/V             | 1           | 0        | 0                |                   |
|         | <b>TOTAL</b>    | 6           | 0        |                  | Mean: 0%          |

**S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.**

**Table 11c: Processed Data for Plot D - Laurei**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments          |
|---------|-----------------|-------------|----------|------------------|-------------------|
| Laurei  | D/H             | 3           | 0        | 0                | Use only rhizomes |
|         | D/V             | 1           | 0        | 0                |                   |
|         | <b>TOTAL</b>    | 4           | 0        |                  | Mean: 0%          |

S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.

**Table 11d: Processed Data for Plot D - Leiwa**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments          |
|---------|-----------------|-------------|----------|------------------|-------------------|
| Leiwa   | S/V             | 3           | 0        | 0                | Use rhizomes only |
|         | D/H             | 2           | 0        | 0                |                   |
|         | D/H             | 1           | 0        | 0                |                   |
|         | <b>TOTAL</b>    | 6           | 0        |                  | Mean: 0%          |

S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.

**Table 11e: Processed Data for Plot D - Tama K.**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments      |
|---------|-----------------|-------------|----------|------------------|---------------|
| Tama K. | S/V             | 3           | 2        | 66               | No difference |
|         | D/H             | 2           | 0        | 0                |               |
|         | D/V             | 1           | 1        | 100              |               |
|         | <b>TOTAL</b>    | 6           | 3        |                  | Mean: 50%     |

S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.

**Table 11f: Processed Data for Plot D - Tama S.**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments      |
|---------|-----------------|-------------|----------|------------------|---------------|
| Tama S. | S/V             | 3           | 2        | 100              | No difference |
|         | D/H             | 2           | 2        | 100              |               |
|         | D/V             | 1           | 2        | 100              |               |

|  |              |   |   |  |            |
|--|--------------|---|---|--|------------|
|  | <b>TOTAL</b> | 6 | 6 |  | Mean: 100% |
|--|--------------|---|---|--|------------|

**S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.**

**Table 11g: Processed Data for Plot D - Taru**

| Species | Planting Method | No. Planted | No. Left | Percent Survival | Comments      |
|---------|-----------------|-------------|----------|------------------|---------------|
| Taru    | S/V             | 2           | 2        | 100              | No difference |
|         | D/H             | 2           | 2        | 100              |               |
|         | D/V             | 2           | 2        | 100              |               |
|         | <b>TOTAL</b>    | 6           | 6        |                  | Mean: 100%    |

**S = Single Node Cutting. D = Double Node Cutting. H = Horizontal branch alignment. V = Vertical branch alignment.**

**Table 12: Dry Site Results**

| Species | No. Planted | No. Surviving | Percent survival |
|---------|-------------|---------------|------------------|
| Dhanu   | 6           | 5             | 83               |
| Ghopi   | 6           | 0             | 0                |
| Laurei  | 4           | 0             | 0                |
| Leiwa   | 6           | 2             | 33               |
| Tama K. | 6           | 5             | 83               |
| Tama S. | 6           | 3             | 50               |
| Taru    | 6           | 6             | 100              |



**Table 13: Plot E**

| Species | Planting Method | No. Planted | No. Surviving | Percent Survival | Comments         |
|---------|-----------------|-------------|---------------|------------------|------------------|
| Dhanu   | Root/up         | 4           | 3             | 75               |                  |
| Ghopi   | Root/up         | 4           | 3             | 75               |                  |
| Laurei  | Root/up         | 4           | 3             | 75               |                  |
| Leiwa   | Root/up         | 4           | 2             | 50               |                  |
| Tama K. | Root/up         | 4           | 2             | 50               |                  |
| Tama S. | Root/up         | 4           | 1             | 25               |                  |
| Taru    | Root/up         | 4           | 2             | 50               |                  |
|         |                 |             |               |                  |                  |
| Dhanu   | Root/up         | 6           | 6             | 100              | Normal long pole |
| Dhanu   | Root/up         | 6           | 5             | 83               | Short pole       |

**Table 14: Rhizomes Results**

| Species | Percent Survival |        |        |      |
|---------|------------------|--------|--------|------|
|         | Plot A           | Plot E | Plot F | Mean |
| Dhanu   | 50               | 90     | 50     | 63   |
| Ghopi   | --               | 75     | 0      | 38   |
| Laurei  | 90               | 75     | 75     | 80   |
| Leiwa   | --               | 50     | 0      | 25   |
| Tama K. | --               | 50     | --     | 50   |
| Tama S. | --               | 25     | 50     | 38   |
| Taru    | --               | 50     | 20     | 35   |

