

## Indian Village Rice Trials Average Yield Increase 21%

The trials were performed in Kalleda, which is a small village in Warangal district, Telangana, India. It is approximately 40 km from Warangal, and neighboring villages include Parvathagiri, Annaram, Naguram, and Ravuru. The population is approximately 5,000.

| SNo | Farmer Name           | Acreage | Last<br>year<br>yield<br><br>(79 kg<br>bags) | This year with<br><b>SumaGrow</b><br><br>(70 kg bags) | Yield per<br>acre<br><br>(kg) | Increase in<br>yield<br><br>(%) | Increase in<br>yield<br><br>(gg) | Increase in<br>income<br><br>(Rs.) |
|-----|-----------------------|---------|----------------------------------------------|-------------------------------------------------------|-------------------------------|---------------------------------|----------------------------------|------------------------------------|
| 1   | Chiruta Sailu         | 0.25    | 8                                            | 12                                                    | 3360                          | 50%                             | 280                              | 2800                               |
| 2   | Chiruta Dargaiah      | 0.25    | 8                                            | 12                                                    | 3360                          | 50%                             | 280                              | 2800                               |
| 3   | Akarapu Ramulu        | 0.38    | 10                                           | 15                                                    | 2800                          | 50%                             | 350                              | 3500                               |
| 4   | Baalle Sailu          | 0.75    | 24                                           | 33                                                    | 3080                          | 38%                             | 630                              | 6300                               |
| 5   | Medagani Rajaiah      | 0.50    | 15                                           | 20                                                    | 2800                          | 33%                             | 350                              | 3500                               |
| 6   | Adonda Papaiah        | 0.50    | 15                                           | 20                                                    | 2800                          | 33%                             | 350                              | 3500                               |
| 7   | Munjala Swamy         | 0.50    | 16                                           | 21                                                    | 2940                          | 31%                             | 350                              | 3500                               |
| 8   | Burki Bikasham        | 0.50    | 16                                           | 21                                                    | 2940                          | 31%                             | 350                              | 3500                               |
| 9   | Baalle Kumar          | 0.38    | 14                                           | 18                                                    | 3360                          | 29%                             | 280                              | 2800                               |
| 10  | Ellamla Lachhulu      | 1.00    | 18                                           | 23                                                    | 1610                          | 28%                             | 350                              | 3500                               |
| 11  | Aadunda<br>Mangaiah   | 0.50    | 18                                           | 23                                                    | 3220                          | 28%                             | 350                              | 3500                               |
| 12  | Adonda Sampath        | 0.75    | 22                                           | 28                                                    | 2613                          | 27%                             | 420                              | 4200                               |
| 13  | Chiruta Veeraiah      | 0.25    | 8                                            | 10                                                    | 2800                          | 25%                             | 140                              | 1400                               |
| 14  | Erraboina<br>Sudhakar | 0.25    | 8                                            | 10                                                    | 2800                          | 25%                             | 140                              | 1400                               |
| 15  | Medagani<br>Sammaiah  | 0.50    | 16                                           | 20                                                    | 2800                          | 25%                             | 280                              | 2800                               |
| 16  | Baalle Mallaiah       | 0.75    | 24                                           | 30                                                    | 2800                          | 25%                             | 420                              | 4200                               |
| 17  | Erraboina<br>Mallaiah | 0.75    | 24                                           | 30                                                    | 2800                          | 25%                             | 420                              | 4200                               |
| 18  | Yasarapu Yakaiah      | 1.00    | 18                                           | 22                                                    | 1540                          | 22%                             | 280<br>H23                       | 2800                               |
| 19  | Kagu Srinivas         | 1.50    | 38                                           | 46                                                    | 2147                          | 21%                             | 560                              | 5600                               |
| 20  | Baalle Biksham        | 0.38    | 15                                           | 18                                                    | 3360                          | 20%                             | 210                              | 2100                               |
| 21  | Pendyala Veeraiah     | 0.50    | 15                                           | 18                                                    | 2520                          | 20%                             | 210                              | 2100                               |
| 22  | Dadi Mallaiah         | 0.75    | 25                                           | 30                                                    | 2800                          | 20%                             | 350                              | 3500                               |
| 23  | Poosa Ilamma          | 1.00    | 25                                           | 30                                                    | 2100                          | 20%                             | 350                              | 3500                               |
| 24  | Dommati<br>Rammarthy  | 1.50    | 49                                           | 58                                                    | 2707                          | 18%                             | 630                              | 6300                               |

|    |                            |      |     |       |        |     |        |         |
|----|----------------------------|------|-----|-------|--------|-----|--------|---------|
| 25 | Takkalapelli<br>Chandraiah | 1.00 | 34  | 40    | 2800   | 18% | 420    | 4200    |
| 26 | Maddela<br>Saraswathi      | 1.25 | 34  | 40    | 2240   | 18% | 420    | 4200    |
| 27 | Pusala<br>Yakambram        | 1.00 | 35  | 41    | 2870   | 17% | 420    | 4200    |
| 28 | Dommati<br>kumariswamy     | 1.25 | 43  | 50    | 2800   | 16% | 490    | 4900    |
| 29 | Kadire Vijaya              | 1.25 | 34  | 39    | 2184   | 15% | 350    | 3500    |
| 30 | Chiruta Venkanna           | 0.75 | 28  | 32    | 2987   | 14% | 280    | 2800    |
| 31 | Mendem<br>Mallamma         | 1.00 | 35  | 40    | 2800   | 14% | 350    | 3500    |
| 32 | Adonda<br>Sammakka         | 1.25 | 44  | 50    | 2800   | 14% | 420    | 4200    |
| 33 | Baalle<br>Ramachandru      | 0.50 | 16  | 18    | 2520   | 13% | 140    | 1400    |
| 34 | Munjala Swamy 2            | 0.50 | 16  | 18    | 2520   | 13% | 140    | 1400    |
| 35 | Pendyala<br>Yakambram      | 0.75 | 18  | 20    | 1867   | 11% | 140    | 1400    |
| 36 | Maddela Srinivas           | 1.25 | 35  | 38    | 2128   | 9%  | 210    | 2100    |
| 37 | Kattula Yadagiri           | 0.50 | 16  | 16    | 2240   | 0%  | 0      | 0       |
|    | Total                      | 28   | 837 | 1,010 | 98,812 | 21% | 12,110 | 121,100 |