

rice

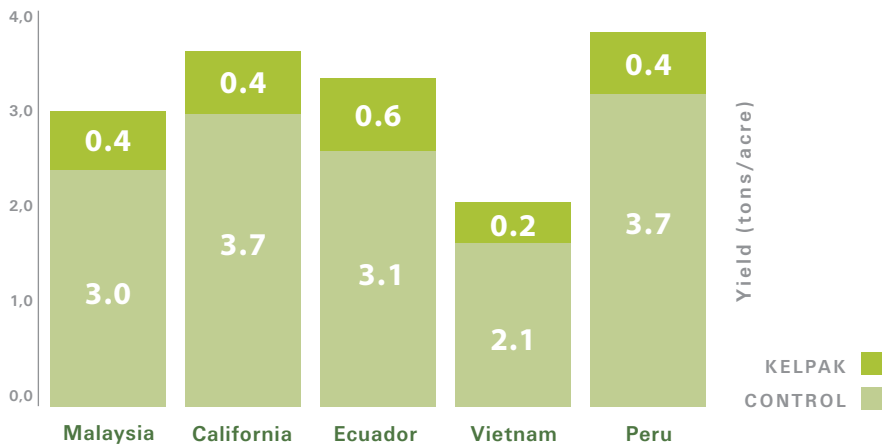


- Improves germination
- Improves root growth
- Increases tillering
- Increases number of panicles
- Increases yield
- Increases 1000 grain weight
- Reduces lodging



Kelpak, a natural plant nutrient extracted from freshly harvested *Ecklonia maxima* kelp, scientifically proven to increase the health, quality and yield in a wide variety of crops. **Kelpak, the global leader in cellular burst seaweed products for over thirty years**

Effect of Kelpak on Rice Yield



RECOMMENDED USE ON RICE

For improved germination, initial root growth:

1:400 Kelpak dilution with sanitary seed soak

For improved yield and quality:

First foliar spray of 2 pt/A at start of tillering (\pm 25 days after emergence or \pm 15 days after transplant). Repeat foliar application of 1-2 pt/A at start of panicle initiation

Global Rice Trial Summary

| YEAR | Variety | Region | Treatment | Yield increase |
|--|--------------|-----------------------|---|-----------------------------|
| 1990 | Sasanishiki | Miyagui Japan | 20 d before culm emerge (0.2% spray) | + 15% |
| 1991 | Akitakomachi | Akita Japan | 3 d pre-transplant* and 35 d post-transplant (0.2% spray) | + 16% |
| 1991 | Akitakomachi | Iwate Japan | 3 d pre-transplant* and 27 d post-transplant (0.2% spray) | + 11% |
| 1998 | Sasanishiki | Tokyo Japan | Pre-transplant* and post-transplant (0.2% spray) | + 13% |
| 2001 | IET-4787 | East India | 3 d pre- and 15 d post-transplant (1.5 pt/A) | + 8% |
| 2001 | MTU 1001 | South India | 3 d pre- and 15 d post-transplant (2 pt/A) | + 5% |
| 2002 | Padi | Sg Besar Malaysia | Seed soak (0.2%); 14 d after sowing (2 pt/A) | Better germination + 12% |
| 2003 | Padi | Mekong Vietnam | Spray 7 and 15 d after sowing (0.25%) (2 trials) | + 10% |
| 2003 | INIAP 14 | Vainillos Ecuador | Spray 25 d after seeding (2 pt/A) | + 17% |
| 2004 | M202 | Sacramento California | Seed soak (0.3%); Spray 24 d after seeding (2 pt/A) | + 9% |
| 2006 | IR-43 | Jequetepeque Peru | Spray 18 d after plantout (2 pt/A) | + 12% |
| 2010 | IR-43 | Chiclayo Peru | Spray start of tiller (2 pt/A); Start of panicle initiation (1 pt/A) | + 16% + 25% |
| 2010 | IR-43 | Chiclayo Peru | Spray start of tiller (2 pt/A); Start of panicle initiation (1 pt/A) | + 15% + 23% |
| Average rice yield increase (14 trials) | | | | + 15% |

* Seed bed soak with 0.1 - 0.2% Kelpak