



anagaupf, s.a.

## YUCCA SCHIDIGERA AGRICULTURE APPLICATIONS



### SUMMARY OF THE FIELD TRIALS

**COTTON:** Adding 2.5 l/ha increased cotton yield on average by 16%.

**BROCCOLI:** Adding 1 ppm into the initial irrigation water increased the growth rate of transplanted broccoli by 16%.

**CARROTS:** Using 1 l/ha sprayed over the planted beds, increased the stand of carrot seedlings by 6%.

**TOMATOES:** By adding 2.5 l/ha, tomato yields increased by 11% and produced larger fruit with more even maturity.

**BELL PEPPERS:** Using 2 l/ha, seedlings emerged sooner and grew faster, increasing yield by over 25%.

**STRAWBERRIES:** By applying 4 l/ha, 10 days after transplanting, then 2 l/ha 2 months later, plant establishment greatly improved and the yield was outstanding. Harvest was extended 15 days longer and the field was still yielding 375 crates/ha/day when picking ended.

**WHEAT:** On a dry farm in Canada, by adding 60 g/ha, produced 2.2 m<sup>3</sup>/ha where 1.8 m<sup>3</sup>/ha is considered a good and profitable wheat yield.

**WHEAT SEED TREATMENT:** Seeds dipped in a 0.1% solution for 48 h had a 96% germination rate and shoot length averaged 30% more than the control.

**CABBAGE:** Applying 6 l/ha produced a more uniform crop of good sized heads.

**AVOCADOES:** Using 0.2 l per 100 l of tanking water for basins, water penetration and drainage were improved. Leaf drop was stopped and tree color and growth improved.

**CRYSANTHEMUMS:** In a greenhouse, 11 l/ha was sprayed on surface of planter mix before planting unrooted cuttings. Results were no damping off, no plants died, & no leaf drop.

**GOLF COURSES:** By applying 2 l/ha 4 times a year the following results were noted on many courses in Palm Springs: Fungus disease control is vastly improved, helped eliminate loss of grass, grass is in a stronger condition for earlier playing. Also, observed deeper roots, deeper water penetration, helped eliminate hard turf that caused balls to bounce. Good cushion gives good lies.

## YUCCA-50 DOSAGE

**GENERAL FERTILIZATION:** Apply 2 l/ha using up to 30 l per season depending on soil and plant conditions

Row crops: Mix with starter or side dress fertilizer or metered into first irrigation water.

Trees and Vines: Dilute in sufficient water for coverage and spray soil surface to be irrigated or meter into first irrigation water.

**SOIL PENETRATION:** To improve water, nutrient, and pesticide penetration in dry, compacted soils use 4 l/ha. Repeat as necessary.

**WETTING AGENT:** Use 20 g/100 l of water to reduce surface tension in agri-chemical sprays.

**NEW SEEDINGS:** Apply 4 l/ha after seeding to enhance water retention and percolation.

**NEW PLANTINGS & TRANSPLANTS:** Use 3 g/l of water and drench soils media before or after planting. For trees use 0.3 l mix per cm of tree trunk.

**SOIL INJECTION FOR TREES:** When applying with fertilizer mix, use 0.5 ml per 1 l. For very compacted soils add 2 ml per 1 l fertilizer mix.

**TURF:** Large plantings such as golf courses and athletic fields use 4 l/ha diluted in water and spray over area. Repeat every 3 to 6 months. Small areas such as greens, aprons, tees, or heavy foot traffic use 22 l/ha. Repeat 30 days then once every 3 months.

**FLOWERS & GROUND COVER:** Apply 5 Kg/ha. Spray on foliage and soil surface until runoff. In hot weather, use every 2 weeks.

NOTE: YUCCA-50 is a strong foamer. To control excessive foaming, use approx. 50 g antifoaming agent per 100 l of mix

The information and recommendations contained in this documentation are based on tests and data believed to be reliable. However, the user is responsible for determining the appropriateness of the application of the product to his own use and of fulfilling the applicable law.

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