



PIVOTAL
AGRO-SERVICES



PLANT HEALTH
C A R E

Mighty Messenger®

A natural bio-stimulant and plant enhancer for improved plant growth and immune systems.

Trade Name: MESSENGER
Active Ingredients: Harpin Protein
Registration No: 18-G-28-1
Target crops & Pests: See Below Table

BENEFITS OF MESSENGER:

- ✓ **Promotes flower initiation & set**
- ✓ **Increased fruit set**
- ✓ **Increased fruit size & uniformity**
- ✓ **Increased SKR in Macadamia Nuts**
- ✓ **Increase in calcium uptake**
- ✓ **Increased nutrient & water uptake**
- ✓ **Increased photosynthesis**
- ✓ **Promotes cell-wall expansion**
- ✓ **Improved plant immune systems**
- ✓ **Frost protection**
- ✓ **Drought tolerance**
- ✓ **Improved fruit quality & shelf-life**

APPLICATION RECOMMENDATIONS

CROP	RATE/HA/ Application	FOLIAR APPLICATION Spray Volume of 250-1500L/ha depending on crop size
Avocado	150	Spray 4-5 application at 21-day intervals from at pre-flowering.
Banana	100	Apply to young plants after transplanting every 14–21 days with a minimum of 3 applications.
Berries	100	Apply bi-weekly during the fruiting season up to a maximum of 8 applications.
Citrus	150	Apply 4 sprays at 21-day intervals from pre-flowering.
Coffee	150	Apply 4 sprays at 21-day intervals from pre-flowering
Forestry	150	Apply in the nursery 7 - 10 days before transplanting and repeat at planting at 150g/ha or 0,3g/ 1 L water.
Roses	100-150	Apply every 21 days beginning at growth of new shoots. Apply at least 4 applications per season.
Hops	100-150	Apply 5 sprays at 21-day intervals starting from pre-flowering.
Kiwi Fruit	100	Apply every 14 days from pre-flowering up to minimum of 5 applications.
Lawn/Turf	100-150	Apply every 10 - 14 days
Litchis	100	Apply every 14 days pre-flowering with a minimum of 5 applications.
Potatoes	150	Apply at 3-4 applications at 21 day intervals starting at 100% crop emergence.
Macadamia	150	Apply every 21 days from pre-flowering up to a minimum of 4 applications per season.

Contact: Robert Mazuru / Craig Chittenden / Dzingo Mafuvadze / Golden Zenda

Mobile: 0712 204 946 - 7 / 0773 212 051

Email: mazuru@pivotalagro.com / craig@pivotalagro.com / dzingo@pivotalagro.com

