



# ADVASSA™

Advassa™ is a new highly concentrated biostimulant for broad acre and row crops, that fortifies plants against the numerous stressors that can chip away at yield throughout the growing season. Advassa™ supports improved yield and defends against yield robbing impacts by supporting root growth and plant establishment, boosting nutrient use efficiency, and helping plants increase tolerance to environmental stressors like drought, heat, chill, and salinity.

## PRODUCT BENEFITS

- Advassa™ improves plant establishment, root structure and mass
- Optimizes plant nutrient availability throughout the growth cycle and creates conditions for root growth, plant vigor, and increased yield.
  - Advassa™ contains natural chelators that bind to micronutrients leading to improved uptake & translocation within the plant
- Promotes antioxidant production which aids in stress tolerance & improves photosynthesis by increasing chlorophyll production for better vegetative growth
- Improves plants tolerance to abiotic stress conditions such as heat, chill, salinity, and drought:
  - Helps regulate water loss through stomata in times of drought which improves moisture retention & reduces wilt
  - Increases plant salt tolerance in both saline soils and irrigation



<b>ACTIVE INGREDIENT</b>	<i>Ascophyllum nodosum</i>
<b>FORMULATION</b>	Liquid
<b>MODE OF ACTION</b>	Biostimulant
<b>APPLICATION</b>	In-Furrow Foliar Irrigation
<b>USE RATES</b>	In-Furrow: 55 mL/ac (180 acres per jug) Foliar: 235-330 mL/ ac (30 acres per jug)
<b>PACKAGING</b>	2 x 10 L Case



## THE FOLLOWING ARE JUST A FEW OF THE BENEFICIAL COMPLEX SUGARS, NUTRIENTS AND OTHER COMPONENTS THAT ARE PRESENT IN OUR PRODUCTS:



### Mannitol

An osmoprotectant, Mannitol raises the tolerance to high salinity. It is also a micronutrient chelator and aids with cell water retention and nutrient mobility.



### Alginic Acid

A structural carbohydrate that gives the seaweed resistance and strength, Alginic Acid gives seaweed the ability to withstand wave action and maintain ionic equilibrium in the cell. In the field, it also aids mineral chelation that boosts nutrient availability and promotes soil microbial health and vitality.



### Fucoïdians (FCPs)

Complex structures, Fucoïdians give seaweed protection from desiccation in low tide and high irradiance conditions. FCPS aid in increased antioxidant and stress protection.

## APPLICATION RATES & TIMING

- Advassa™ is safe for use in a wide variety of crops and applications throughout the growing season
- Advassa™ is a highly concentrated, easy to use water soluble liquid formulated for in-tank compatibility with most industry crop nutrition, herbicides, fungicides, and insecticides
- For use in soil, foliar, and irrigation applications
- Can be tank mixed with most commonly used crop nutritional, herbicide, fungicide, or other agricultural inputs.
- **Water Volume:** Ground: 10 gallons/acre

CROP	APPLICATION	RATE PER ACRE	RECOMMENDATION & TIMING
CANOLA	1st	55 ml	In-furrow or banded at planting OR with row starter
	2nd	235 - 330 ml	At herbicide timing, after cotyledon stage
CEREALS	1st	55 ml	In-furrow or banded at planting OR with row starter
	2nd	235 - 330 ml	At tiller initiation
	3rd	235 - 330 ml	At early boot to early panicle emergence
DRY BEANS AND PULSES	1st	55 ml	In-furrow or banded at planting OR with row starter OR inoculant
	2nd	235 - 330 ml	Applied soil or foliar at the R1-R3 stage
CORN (Field corn, silage, sweet corn, popcorn, seed corn)	1st	55 ml	In-furrow or banded at planting OR with row starter
	2nd	235 - 330 ml	Foliar broadcast spray at V4-VT
SOYBEANS	1st	55 ml	In-furrow or banded at planting OR with row starter OR inoculant
	2nd	235 - 330 ml	Foliar broadcast spray at V4-R3
POTATOES	1st	55 ml	In-furrow or banded at planting OR with row starter
	2nd	235 - 330 ml	At tuber initiation
	3rd	235 - 330 ml	Two weeks after tuber-initiation treatment
	4th	235 - 330 ml	Through later tuber set
ALFALFA, MIXED HAY	1st	55 ml	In-furrow or banded at planting OR with row starter
	2nd	235 - 330 ml	Soon after each cutting
	3rd	235 - 330 ml	Two weeks after cutting
ROOT CROPS (Sugar beet, turnips, swedes)	1st	55 ml	In-furrow or banded at planting OR with row starter
	2nd	235 - 330 ml	Applied soil or foliar at 80% row closure
	3rd	235 - 330 ml	Applied soil or foliar at 100% row closure
ONIONS	1st	55 ml	In-furrow or banded at planting OR with row starter
	2nd to 5th	235 - 330 ml	Applied soil or foliar every 2 weeks beginnings at early bulbing (3-4 treatments)
ALL OTHER ROW CROPS	1st	55 ml	In-furrow or banded at planting OR with row starter
	2nd	235 - 330 ml	Two weeks after planting through harvest



**ACADIAN™**  
**PLANT HEALTH**  
**SEA BEYOND**

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