



- High yields from early spring through late fall
- High in digestibility and palatability
- High levels of metabolizable energy
- High levels of essential minerals
- Reliable summer forage in dry conditions
- Improved disease resistance
- Shown to help control internal parasites in Sheep

**Description:**

Oasis brand forage chicory is a high-yielding, broad-leaved perennial herb that has excellent feed value for livestock. Oasis has been bred for greatly improved disease resistance, which significantly increases survival under grazing. Oasis also has shown to be extremely persistent even during severe drought conditions experienced 2007-09.



Oasis Chicory shown under cattle finishing study at Clemson University

| Chicory Variety | 2009 Total Pounds/Acre (Oven Dry Forage) | Percent Basal Cover Within Row |
|-----------------|--|--------------------------------|
| Oasis           | 8744 lbs/ac                              | 64%                            |
| Forage Feast    | 8577 lbs/ac                              | 63%                            |
| Commander       | 8209 lbs/ac                              | 30%                            |
| Puna            | 7930 lbs/ac                              | 30%                            |

Trial Data from University of Georgia, planted 11/9/06

|                    | Coastal Bermudagrass   | Oasis Chicory         |
|--------------------|------------------------|-----------------------|
| Average Daily Gain | 0.18 lb per day        | 0.60 lb per day       |
| Final Weight       | 70 lbs                 | 109 lbs               |
| FAMACHA Score      | 4                      | 2                     |
| Fecal Egg Count    | 6538 per gram of feces | 445 per gram of feces |
| De-worming         | 72.00%                 | 0.00%                 |

84 Day Sheep Grazing Study at Clemson University 2009

**Applications:**

Oasis chicory is suitable for all types of production livestock. It is an ideal option for providing high quality forage during the summer when cool season pasture production cannot provide the quality or quantity to maintain high levels of animal performance. Oasis can be used as the dominant species in a mix with red and white clover, or as a minor component of a grass-clover pasture. Oasis chicory is ideally managed in a mix with clovers as the legumes fix nitrogen, add to the nutritive value, and provide ground cover during the winter when the chicory is dormant. Clovers are often better companion species than grasses as they have a similar growth habit and grazing management requirement to chicory.

**Establishment:**

Oasis can grow well on a wide range of soil types, including sandy soil, and silt loams. Chicory grows best on high fertility soils with moderate to good drainage. Heavy clay soils will reduce persistence of many chicory varieties; however, Oasis chicory will be better on heavier soils with its resistance to Sclerotinia. Chicory is best sown during mid spring to take advantage of warming conditions during establishment. Chicory can also be sown effectively in the late summer/early fall six weeks before the first frost arrives. Chicory should be sown into a fully cultivated seed-bed after pasture that has been killed with herbicide. Care should be taken to sow chicory seed at the correct depth (1/4-1/2") to ensure good germination. For a chicory dominant pasture, sow Oasis at 6-8lb /acre with 5 lb/acre of red clover and 3 lb/acre of white clover. In a grass-clover mix, Oasis should be sown at 1-2lb/acre in the spring or 2-3 lb/acre in the fall.

**Fertilization:**

Oasis responds very well to nitrogen. Apply 100lb of N per acre in early spring. If moisture is not limiting, chicory will continue to have an excellent response to applied N up to 400lb/acre in multiple split applications over the growing season. N rates should be reduced if Oasis is sown with a legume. Soil pH should be between 5.6 and 6.5 for optimum growth.

**Grazing Management:**

Ideally, Oasis chicory should be rotationally grazed to prolong stand life. Chicory should be grazed when it is 6-8" tall, leaving a residual of 2-3", and then allowed to regrow. If managed appropriately, with good soil and fertility, a chicory stand should last 3-5 years.

Technical data herein is solely a compilation of observations from various geographical areas, conditions, and laboratory tests. Growing results, including varietal characteristics and performance, vary depending on region, climate, soil, seed enhancements, environmental conditions, local management practices and other factors. AMPAC Seed DOES NOT GUARANTEE growing success. Any technical advice by AMPAC Seed concerning the use of its seeds is given without charge. Therefore, AMPAC Seed disclaims any warranty and disclaims all liability for such advice.



TECH SHEET