FIXATION BALANSA CLOVER

- **Erosion and runoff reduced by impressive growth and root mass**
- **Extremely drought tolerant**
- **Suitable for low pH environments (4.5 – 8.0)**
- **Great pollinator option**
- **Hollow stems provide greater palatability**
- **Dense growing clover provides good weed suppression**
- **Non-host to soybean cyst nematode**

Balansa clover is a small seeded annual legume that is quick to germinate, offers excellent forage production, and is well-adapted to a wide range of soil types. Established stands tolerate waterlogged and extreme pH soils. Due to the inherent cold tolerance of Fixation Balansa Clover, it can overwinter in climates where other annual clovers cannot.

SEEDING RATE:

Mono (lbs./acre): 3-6
Mix (lbs./acre): 1-4
Forage (lbs./acre): 3-6

SEEDING INFO:

Carbon/Nitrogen Ratio (C:N): 15:1-20:1
Seeding Depth (in./with drill): 1/4
Seeds/lb.: 500,000
Bulk Density (lbs./ft.^{3}): 56
Aerial Application Rate: 3-6
Germination Soil Temp.: 40 F
USDA Hardiness Zone: 5
Days to Emergence: 14

CONSIDERATIONS:

- Quick to germinate, however it is slower to establish than other clovers (like crimson and red clover)
- Balansa is a prolific re-seeder; termination or grazing prior to flowering will reduce the risk of volunteer plants

NUTRITIONAL VALUE: *(Values Vary Greatly Depending on Maturity)*

Crude Protein: 16
NEL[1] Mcal/lb.: TBD
ADF%[2]: 31
NDF%[3]: 45
TDN: 65
DM Tons/Acre: 1-4
Days to First Harvest: 40-50

[1] Net Energy for Lactation = Energy available after subtracting digestive and metabolic losses
[2] Acid Detergent Fiber = Low values mean more digestible
[3] Neutral Detergent Fiber = Low values mean cows can eat more

RANKING: *(Good, Better, Best)*

Graze: Better
Baleage: Good
Chop: Best

PLANTING WINDOW

1. NO LATER THAN AUGUST 20
2. NO LATER THAN SEPTEMBER 1
3. NO LATER THAN SEPTEMBER 10
4. NO LATER THAN SEPTEMBER 20
5. NO LATER THAN OCTOBER 1

BENEFITS

COMPACTION ALLEVIATION	3
WEED SUPPRESSION	4
BIOMASS PRODUCTION	4
EROSION CONTROL	4
DISEASE/PEST CONTROL	3
POLLINATOR/BENEFICIALS	5
P & K CYCLING	3
EASE OF ESTABLISHMENT	4


POLLINATOR BENEFIT


BIOMASS PRODUCTION

NITROGEN FIXER

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